

AMENDED FINAL REPORT

**2-YEAR CHRONIC TOXICITY/CARCINOGENICITY FEEDING STUDY
OF TOBACCO BLEND AND AQUEOUS TOBACCO EXTRACT IN
WISTAR HAN RATS**


2-YEAR CHRONIC CARCINOGENICITY STUDY

**TESTING FACILITY:
BATTELLE**

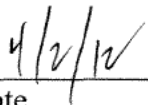
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APRIL 2012


SIGNATURE PAGE



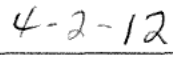
Dawn M. Fallacara, Ph.D.



Date



Allen W. Singer, D.V.M., D.A.C.V.P



Date

Amendment Summary to the Final Report

2-Year Chronic Toxicity/Carcinogenicity Feeding Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats: 2-Year Chronic Carcinogenicity Study

Battelle Study Number CN49730G

Parts Changed/Revised from the report signed on March 15, 2012:

1. Page 44. The third sentence of the first paragraph has been changed from:


“In the current study, the average incidence rate ranged from 2 to 3 percent (1 to 2 out of 60 per group) for malignant basal cell skin carcinomas in females; ranged from 2 to 7 percent (1 to 4 out of 60 per group) for follicular cell adenomas in the thyroid gland of males; and ranged from 3 to 23 percent for benign adenomas in the mammary gland of TB females (2 to 14 out of 60 per group).”

to:

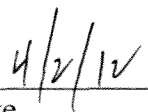
“In the current study, the average incidence rate for groups involved in statistically significantly *decreasing* trends ranged from 7 to 0 percent for malignant basal cell skin carcinomas in CF (4 of 60) and TE (0 of 60 at the highest dose) females; ranged from 12 to 0 percent for benign follicular cell adenomas in the thyroid gland of CM (7 of 58), CBM (7 of 59), and TE (0 of 60 at the highest dose) males; and ranged from 23 to 3 percent for benign adenomas in the mammary gland of CF (8 of 60), CBF (14 of 60), and TB (2 of 60 at the highest dose) females.”

Reason for these changes: These changes were made to correct values and to provide further clarification.

2. Appropriate changes were made to the title page, the Signature page, the Good Laboratory Practice Compliance Statement, and the Quality Assurance Statement. Due to the size of the original report, title page and pages 2, 3, 9, 10, and 44 were replaced and indicated by “*amended page*” at the top of each amended page in the amended final report.



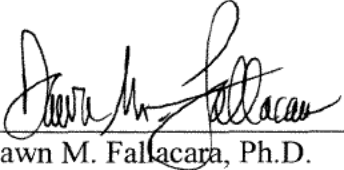
Dawn M. Fallacara, Ph.D.
Study Director



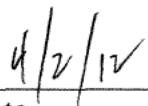
Date

GOOD LABORATORY PRACTICE COMPLIANCE STATEMENT

This study was conducted in compliance with the Food and Drug Administration's (FDA) Good Laboratory Practice (GLP) regulations (21 CFR Part 58), for the conduct of non-clinical laboratory studies with the following exceptions: characterization and stability analysis of bulk test articles (Appendix B), the Smokeless Tobacco and Extract Rodent Toxicology Feeding Studies: Test Article Stability with Time Report (Appendix C), and serology analyses (Appendix L) were conducted, as intended, under non-GLP development procedures.



Dawn M. Fallacara, Ph.D.
Study Director



Date

QUALITY ASSURANCE STATEMENT

Phase Inspected	Date Inspected	Date Reported to Study Director and Management
Protocol review	02/11/2009	02/11/2009
Animal room inspection	02/17/2009	02/19/2009
Test system receipt	02/17/2009	02/19/2009
Sexing	02/17/2009	02/19/2009
Formulation preparation	02/18/2009	02/19/2009
Dispensing	02/18/2009	02/19/2009
Sample collection	02/18/2009	02/19/2009
Sample weights	02/18/2009	02/19/2009
Formulation analysis	02/18-02/19/2009	02/19/2009
Homogeneity analysis	02/19/2009	02/19/2009
Ophthalmic examinations	02/20/2009	02/20/2009
Group assignment	02/26/2009	02/26/2009
Randomization	02/26/2009	02/26/2009
Test system identification	02/26/2009	02/26/2009
Dispensing	03/02/2009	03/02/2009
Animal care functions	03/03/2009	03/03/2009
Animal room inspection	03/03/2009	03/03/2009
Body weights	03/03/2009	03/03/2009
Clinical observations	03/03/2009	03/03/2009
Food consumption measurements	03/03/2009	03/03/2009
Test article administration - dosed feed	03/03/2009	03/03/2009
Test system identification	03/04/2009	03/05/2009
Protocol amendment review	03/09/2009	03/09/2009
Audit study file	03/18/2009	03/18/2009
Audit study file	03/19/2009	03/19/2009
Blood collection - toxicokinetic	03/30-03/31/2009	03/31/2009
Centrifugation	03/30-03/31/2009	03/31/2009
Sample aliquoting	03/30-03/31/2009	03/31/2009
Test system identification	03/30-03/31/2009	03/31/2009
Serum preparation/dilutions	04/01/2009	04/01/2009
Sample weights	04/03/2009	04/03/2009
Stock solution preparation	04/03/2009	04/03/2009
Animal room formulation analysis	04/06/2009	04/07/2009
Formulation preparation	04/13-04/14/2009	04/20/2009
Dispensing	04/13-04/14/2009	04/20/2009
Sample collection	04/13-04/14/2009	04/20/2009
Sample weights	04/13-04/14/2009	04/20/2009
Plasma analysis	04/15/2009	04/16/2009
Dispensing	04/23/2009	04/24/2009
Audit study file	05/04/2009	05/04/2009
Audit study file	05/26/2009	05/26/2009
Audit study file	06/02/2009	06/02/2009
Anesthetization	06/02-06/03/2009	06/03/2009
Blood collection - toxicokinetic	06/02-06/03/2009	06/03/2009
Centrifugation	06/02-06/03/2009	06/03/2009

Phase Inspected	Date Inspected	Date Reported to Study Director and Management
Sample aliquoting	06/02-06/03/2009	06/03/2009
Test system identification	06/02-06/03/2009	06/03/2009
Animal care functions	06/29/2009	06/29/2009
Animal room inspection	06/29/2009	06/29/2009
Body weights	06/29/2009	06/29/2009
Clinical observations	06/29/2009	06/29/2009
Food consumption measurements	06/29/2009	06/29/2009
Test article administration - dosed feed	06/29/2009	06/29/2009
Audit study file	07/23/2009	07/23/2009
Audit study file	08/20/2009	08/20/2009
Anesthetization	08/28/2009	08/31/2009
Blood collection - serology	08/28/2009	08/31/2009
Serologies	08/28/2009	08/31/2009
Centrifugation	08/28/2009	08/31/2009
Humane termination	08/28/2009	08/31/2009
Gross necropsy	08/28/2009	08/31/2009
Specimen processing	08/28/2009	08/31/2009
Formulation preparation	09/02/2009	09/03/2009
Dispensing	09/02/2009	09/03/2009
Sample collection	09/02/2009	09/03/2009
Sample weights	09/02/2009	09/03/2009
Formulation analysis	09/08-09/09/2009	09/11/2009
Animal care functions	09/21/2009	09/22/2009
Body weights	09/21/2009	09/22/2009
Clinical observations	09/21/2009	09/22/2009
Food consumption measurements	09/21/2009	09/22/2009
Test article administration - dosed feed	09/21/2009	09/22/2009
Blood collection - toxicokinetic	09/29-09/30/2009	09/30/2009
Centrifugation	09/29-09/30/2009	09/30/2009
Sample aliquoting	09/29-09/30/2009	09/30/2009
Test system identification	09/29-09/30/2009	09/30/2009
Plasma analysis	10/01, 10/05, 10/06/2009	10/08/2009
Anesthetization	11/09/2009	11/10/2009
Blood collection - serology	11/09/2009	11/10/2009
Serologies	11/09/2009	11/10/2009
Humane termination	11/09/2009	11/10/2009
Gross necropsy	11/09/2009	11/10/2009
Audit study file	11/24/2009	11/24/2009
Audit study file	12/17/2009	12/17/2009
Animal care functions	01/11/2010	01/12/2010
Animal room inspection	01/11/2010	01/12/2010
Body weights	01/11/2010	01/12/2010
Clinical observations	01/11/2010	01/12/2010
Food consumption measurements	01/11/2010	01/12/2010
Test article administration - dosed feed	01/11/2010	01/12/2010
Blood collection - toxicokinetic	02/02-02/03/2010	02/03/2010

Phase Inspected	Date Inspected	Date Reported to Study Director and Management
Centrifugation	02/02-02/03/2010	02/03/2010
Sample aliquoting	02/02-02/03/2010	02/03/2010
Test system identification	02/02-02/03/2010	02/03/2010
Audit study file	02/04/2010	02/04/2010
Plasma analysis	02/04-02/05/2010	02/05/2010
Audit study file	02/09/2010	02/09/2010
Formulation preparation	02/17/2010	02/18/2010
Dispensing	02/17/2010	02/18/2010
Sample collection	02/17/2010	02/18/2010
Sample weights	02/17/2010	02/18/2010
Formulation analysis	02/17-02/18/2010	02/19/2010
Audit study file	02/22/2010	02/22/2010
Anesthetization	03/02/2010	03/05/2010
Fasting	03/02/2010	03/05/2010
Blood collection - clinical pathology	03/02/2010	03/05/2010
Body weights	03/02/2010	03/05/2010
Clinical observations	03/02/2010	03/05/2010
Clinical lab blood processing/analysis	03/02/2010	03/05/2010
Humane termination	03/02/2010	03/05/2010
Necropsy/tissue collection	03/02/2010	03/05/2010
Organ weights	03/02/2010	03/05/2010
Urine collection	03/02/2010	03/05/2010
Urinalysis	03/02/2010	03/05/2010
Audit study file	03/10/2010	03/10/2010
Ophthalmic examinations	03/15/2010	03/15/2010
Protocol amendment review	03/25/2010	03/25/2010
Anesthetization	04/07/2010	04/08/2010
Blood collection - serology	04/07/2010	04/08/2010
Serologies	04/07/2010	04/08/2010
Humane termination	04/07/2010	04/08/2010
Gross necropsy	04/07/2010	04/08/2010
Audit study file	04/09/2010	04/09/2010
Protocol amendment review	04/19/2010	04/19/2010
Audit study file	04/28/2010	04/28/2010
Audit study file	05/04/2010	05/04/2010
Protocol amendment review	05/13/2010	05/13/2010
Dispensing	05/26/2010	05/27/2010
Animal care functions	05/27/2010	05/27/2010
Food consumption measurements	05/27/2010	05/27/2010
Test article administration - dosed feed	05/27/2010	05/27/2010
Body weights	06/01/2010	06/02/2010
Clinical observations	06/01/2010	06/02/2010
Test article administration - dosed feed	06/01/2010	06/02/2010
Food consumption measurements	06/01/2010	06/02/2010
Animal care functions	06/01/2010	06/02/2010
Animal room inspection	06/01/2010	06/02/2010

Phase Inspected	Date Inspected	Date Reported to Study Director and Management
Environmental monitoring	06/01/2010	06/02/2010
Blood collection - toxicokinetic	06/01-06/02/2010	06/02/2010
Centrifugation	06/01-06/02//2010	06/02/2010
Sample aliquoting	06/01-06/02//2010	06/02/2010
Test system identification	06/01-06/02//2010	06/02/2010
Protocol amendment review	06/04/2010	06/04/2010
Plasma analysis	06/16-06/17/2010	06/18/2010
Audit study file	06/17/2010	06/17/2010
Audit study file	07/21/2010	07/21/2010
Audit study file	07/23/2010	07/23/2010
Formulation preparation	08/02/2010	08/02/2010
Dispensing	08/02/2010	08/02/2010
Sample collection	08/02/2010	08/02/2010
Sample weights	08/02/2010	08/02/2010
Audit study file	08/03/2010	08/03/2010
Standard preparation	08/03/2010	08/09/2010
Formulation analysis	08/06/2010	08/09/2010
Audit study file	08/13/2010	08/13/2010
Audit study file	08/20/2010	08/20/2010
Audit interim report	09/14/2010	09/14/2010
Audit study file	09/15/2010	09/15/2010
Audit clinical pathology narrative	09/17/2010	09/17/2010
Audit pathology narrative	09/17/2010	09/17/2010
Animal care functions	09/21/2010	09/21/2010
Animal room inspection	09/21/2010	09/21/2010
Body weights	09/21/2010	09/21/2010
Clinical observations	09/21/2010	09/21/2010
Food consumption measurements	09/21/2010	09/21/2010
Test article administration - dosed feed	09/21/2010	09/21/2010
Test system identification	09/28-09/29/2010	09/29/2010
Blood collection - toxicokinetic	09/28-09/29/2010	09/29/2010
Centrifugation	09/28-09/29/2010	09/29/2010
Sample aliquoting	09/28-09/29/2010	09/29/2010
Plasma analysis	10/08/2010	10/11/2010
Audit study file	10/19/2010	10/19/2010
Audit study file	11/03/2010	11/03/2010
Formulation preparation	11/22/2010	11/22/2010
Dispensing	11/22/2010	11/22/2010
Sample collection	11/22/2010	11/22/2010
Formulation analysis	11/22-11/23/2010	11/24/2010
Audit study file	12/13/2010	12/13/2010
Audit 12-month chronic toxicity final report	12/21/2010	12/21/2010
Animal care functions	01/10/2011	01/10/2011
Animal room inspection	01/10/2011	01/10/2011
Body weights	01/10/2011	01/10/2011
Clinical observations	01/10/2011	01/10/2011
Food consumption measurements	01/10/2011	01/10/2011

Phase Inspected	Date Inspected	Date Reported to Study Director and Management
Test article administration - dosed feed	01/10/2011	01/10/2011
Audit study file	01/18/2011	01/18/2011
Formulation preparation	01/19/2011	01/21/2011
Dispensing	01/19/2011	01/21/2011
Sample collection	01/19/2011	01/21/2011
Sample weights	01/19/2011	01/21/2011
Formulation analysis	01/19-01/20/2011	01/21/2011
Protocol amendment review	01/27/2011	01/27/2011
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Blood collection - toxicokinetic	01/31-02/01/2011	02/01/2011
Centrifugation	01/31-02/01/2011	02/01/2011
Sample aliquoting	01/31-02/01/2011	02/01/2011
Test system identification	01/31-02/01/2011	02/01/2011
Anesthetization	02/02/2011	02/02/2011
Blood collection - serology	02/02/2011	02/02/2011
Humane termination	02/02/2011	02/02/2011
Gross necropsy	02/02/2011	02/02/2011
Serologies	02/02/2011	02/02/2011
Plasma analysis	02/03-02/04/2011	02/04/2011
Audit study file	02/14/2011	02/14/2011
Ophthalmic examinations	02/18/2011	02/18/2011
Audit study file	02/23/2011	02/23/2011
Body weights	03/01/2011	03/03/2011
Clinical observations	03/01/2011	03/03/2011
Fasting	03/01/2011	03/03/2011
Humane termination	03/01/2011	03/03/2011
Necropsy/tissue collection	03/01/2011	03/03/2011
Audit study file	03/24/2011	03/24/2011
Protocol amendment review	03/31/2011	03/31/2011
Specimen processing	04/22/2011	04/26/2011
Audit analytical report - formulation analysis	05/16/2011	05/16/2011
Audit study file	06/02/2011	06/02/2011
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Audit study file	07/18/2011	07/18/2011
Audit study file	08/02/2011	08/02/2011
Audit toxicokinetic report	08/02/2011	08/02/2011
Audit ophthalmic examinations report	08/08/2011	08/08/2011
Audit analytical report - bioanalytical sample	08/26/2011	08/26/2011
Audit pathology narrative	09/13/2011	09/13/2011
Audit study file	09/13/2011	09/13/2011
Audit draft final report	09/19/2011	09/19/2011
Audit study file	10/07/2011	10/07/2011
Audit study file	10/14/2011	10/14/2011
Audit study file	11/02/2011	11/02/2011
Audit study file	11/18/2011	11/18/2011
Audit study file	12/05/2011	12/05/2011

Phase Inspected	Date Inspected	Date Reported to Study Director and Management
Audit amended toxicokinetic report	12/07/2011	12/07/2011
Audit amended anatomic pathology narrative	12/09/2011	12/09/2011
Audit study file	12/12/2011	12/12/2011
Protocol amendment review	12/14/2011	12/14/2011
Audit pathology narrative	12/22/2011	12/22/2011
Audit report tables and/or appendices	12/28/2011	12/28/2011
Audit statistical analysis report and data	01/20/2012	01/20/2012
Audit draft report	01/23/2012	01/23/2012
Audit amended anatomic pathology narrative	03/02/2012	03/02/2012
Audit statistical analysis report and data	03/06/2012	03/06/2012
Audit draft report	03/06/2012	03/06/2012
Audit final report	03/15/2012	03/15/2012
Audit amended final report	04/02/2012	04/02/2012

Kathleen E. Reed 4-2-12
 Quality Assurance Unit Date
 Battelle

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SUMMARY

The objective of this study was to compare the carcinogenicity of a tobacco blend (TB) and an aqueous tobacco extract (TE) of the tobacco blend, and appropriate controls (diet negative control); and to evaluate comparable doses of tobacco blend with aqueous tobacco extract in Wistar Han rats. The two test articles were dosed separately in the feed and were compared to feed containing no test article. The following evaluations were performed: clinical observations, body weights, food consumption, ophthalmic exams, toxicokinetics, gross necropsy, and microscopic exams. Because tobacco is a chemically complex botanical product, nicotine was used as a tracking compound to monitor the administered TB and TE doses. The overall summary of the estimated target nicotine doses of the tobacco blend and aqueous tobacco extract test articles are listed below, along with the dose group abbreviations used throughout the report ([Table 1](#)):

Table 1. Target Nicotine Doses and Dose Group Abbreviations for the 2-Year Chronic Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats

Group	Target Dosage of Nicotine (mg/kg BW ^a /day)	Dose Group Abbreviations ^b	
		Males	Females
1 - Control-A	0	CM	CF
2 - Control-B	0	CBM	CBF
3 - Tobacco Blend Low Dose	0.2	B0.2M	B0.2F
4 - Tobacco Blend Intermediate Dose	2	B2M	B2F
5 - Tobacco Blend High Dose	5	B5M	B5F
6 - Tobacco Extract Low Dose	0.2	E0.2M	E0.2F
7 - Tobacco Extract Intermediate Dose	2	E2M	E2F
8 - Tobacco Extract High Dose	5	E5M	E5F
9 - Sentinels	0	--	--

a. BW = body weight.

b. Abbreviations used throughout the report to designate the dosage groups of male and female rats.

-- = Not applicable.

There were no treatment-related effects related to mortality or clinical signs of toxicity apparent over the course of this 2-year chronic carcinogenicity study, as the survival of each of the TB and TE treatment groups was similar to that of their respective control groups, and treated animals were similar to control in overt behavior and in general health and appearance. The only treatment-related effect during the course of the study was a reduction in body

weight, which was dose-related and most pronounced in the female treatment groups. Although dose-dependent reductions in body weight were apparent for both male and female rats, body weights were generally similar between TB and TE groups at comparable doses. Daily food consumption over the course of the study was not significantly decreased among male treatment groups compared to their respective control; however, food consumption of B5F and E5F females was significantly reduced compared to CF females. Reduction in food consumption likely contributed to the reduced weight gain in the female high dose treatment groups. No treatment-related ophthalmic abnormalities were detected at approximately 12-months of dosing or at study termination. There were no overt formulation effects during this chronic study. The TB and TE formulations at a given exposure level showed similar C_{\max} values between males and females; the C_{\max} values increased dose-proportionally with an increase in the target nicotine exposure for both the TB and TE treatment groups; and there was no consistent change (increase or decrease) in group mean nicotine or cotinine C_{\max} values over time. There were no microscopic findings that were considered to be treatment-related. Although some nonneoplastic and neoplastic changes were observed, these findings were typical of spontaneous background changes that occur in untreated Wistar Han rats, and were interpreted to be neither toxicologically nor biologically significant. None of the microscopic findings in this study were interpreted to be due to exposure to TB or TE test article administration, and the effects of the TB and TE test articles were generally similar between comparable doses.

1.0 INTRODUCTION

The objective of this study was to evaluate the toxicity and carcinogenicity of a tobacco blend and aqueous extract of that tobacco blend in comparison with a diet negative control, and to evaluate comparable doses of tobacco blend with aqueous extract of that tobacco blend in Wistar Han rats. The study also included the determination of plasma concentrations of nicotine and cotinine under various conditions of test article exposure.

R.J. Reynolds Tobacco Company was the Sponsor of the study. Dr. Suzana Theophilus was designated as the Sponsor Monitor and approved the study protocol.

This study was conducted at Battelle under the direction of Dr. Milton Hejtmancik from study initiation through April 19, 2010. The remainder of the study was conducted under the direction of Dr. Dawn M. Fallacara. The in-life portion of the study began with exposure initiation on March 3, 2009 and ended with final necropsy on March 18, 2011. The 12-month chronic toxicity study has been reported previously (Fallacara, 2011).

2.0 EXPERIMENTAL DESIGN

Nine hundred sixty male and female Wistar Han rats (480 per sex) were randomized into eight dose groups, and 30 rats of each sex were used as sentinels. The general study design is presented in Table 2. Group 2 (Control-B) was included in the experimental design as an independent control group that duplicated Group 1 (Control-A) for the carcinogenicity evaluation. This control group was available for microscopic evaluation of additional animals not exposed to the test articles in order to ensure that enough animals survive by the end of the study and to allow for a clear understanding of background/spontaneous tumors.

Table 2. Study Design for the 2-Year Chronic Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats

Group	Target Dosage of Nicotine (mg/kg/day)	Number of Rats			
		Males		Females	
		Core	TK ^{a,b}	Core	TK ^{a,b}
1 - Control-A	0	60	10	60	10
2 - Control-B ^c	0	60	--	60	--
3 - Tobacco Blend Low Dose	0.2	60	10	60	10
4 - Tobacco Blend Intermediate Dose	2	60	10	60	10
5 - Tobacco Blend High Dose	5	60	10	60	10
6 - Tobacco Extract Low Dose	0.2	60	10	60	10
7 - Tobacco Extract Intermediate Dose	2	60	10	60	10
8 - Tobacco Extract High Dose	5	60	10	60	10
9 - Sentinels	0	30	--	30	--

a. Nicotine/cotinine analysis.

b. Five extra rats have been included in each dose group for potential replacement of any animal that may die or be unsuitable for blood sample.

c. Control-B is an independent control group that duplicates Control-A for the carcinogenicity phase of the study.

Treated rats were exposed to the test articles (tobacco blend and aqueous tobacco extract) in dosed feed, and were compared to the appropriate controls that received diets containing no test article. Exposure of the animals to the test articles was by *ad libitum* consumption of NTP-2000 powdered feed. Chemical analysis using nicotine as the tracking compound was performed for each diet formulation batch at each dose. Homogeneity and stability studies were also conducted to ensure the test article concentrations were accurate and were distributed homogeneously in the feed. The 2-year carcinogenicity study included the following: clinical observations, body weights, body weight changes, food consumption, ophthalmic exams, toxicokinetics, gross necropsy, and microscopic exams.

3.0 METHODS

3.1 Protocol, Amendments, and Deviations

The study protocol, amendments to the protocol, and deviations from the protocol are provided in [Appendix A](#). There were no deviations that occurred during the conduct of the study that were considered to significantly affect the quality or integrity of the study.

From March 2 through March 29, 2009, within each dose group, male rats were fed the concentration of the test article in feed that was intended for females, and vice versa, from the first formulation. This incident had no impact on the study, as the body weights and dose concentrations were similar between sexes and corresponding dose groups. The Deviation Report including estimated exposure concentrations based upon actual group mean food consumption and body weight data is presented in [Appendix A](#).

3.2 Test Articles (Tobacco Blend, Aqueous Tobacco Extract)

Test articles, a tobacco blend containing no additives and an aqueous tobacco extract of the tobacco blend, were supplied by R.J. Reynolds Tobacco Company and were received on May 7, 2008. A total of approximately 1278 lbs of tobacco blend (Lot No. OT162AF, Expiration Date March 2012) was received in 71 containers (18 lbs per bucket) and a total of approximately 1105.5 lbs of tobacco extract (Lot No. OT162AE, Expiration Date March 2012) was received in 33 containers (33.5 lbs per bucket). Test articles were provided by the Sponsor in plastic buckets and were stored frozen (-30 to -15°C). The Certificates of Analysis and the Test Article Characterization and Stability Report for test articles are provided in [Appendix B](#). The identity, strength, purity, composition, stability, and methods of synthesis of test articles were the responsibility of the Sponsor.

Reserve samples of each set of the tobacco blend and aqueous tobacco extract test articles used to formulate the animal diets were collected under design form CN49730A-TASTAB ([Appendix C](#)). Reserve samples of the tobacco blend and tobacco extract were maintained frozen (-30 to -15°C) until submission of the 2-year carcinogenicity study final report.

3.3 Formulation Preparation and Analysis

3.3.1 Formulation Preparation

Diet formulations were prepared at monthly intervals for the first 3 months and bi-monthly thereafter according to a procedure developed by Battelle for this study, based on methods provided by the Sponsor. The concentration of test article in the feed was based on the anticipated food consumption and body weight changes of Wistar Han rats to maintain a constant dose throughout the study. Dosing concentrations were derived based on the information provided in [Tables 3](#) through [5](#). Exposure of the animals to the test articles was by *ad libitum* consumption of the NTP-2000 powdered feed. Formulations were stored at room temperature prior to use and were discarded on or after their expiration date. Stability of formulations was evaluated under design form CN49730A-FORMPRE ([Appendix D](#)).

Table 3. Consumption Parameters of Tobacco Blend and Tobacco Extract Formulations – Initial Preparation

Dose Group	Target Nicotine/kg BW ^a /day (mg/kg/day)	Estimated Food Consumption (kg/day)	Estimated Body Weight (kg)	Target Nicotine/kg Feed (mg/kg)	Target TA ^b /kg Feed (mg/kg)	Target TA/kg Feed (%)	Concentration of Nicotine in TA ^{c,d} (mg/g)	Target TA ^{e,f} /kg BW/day (mg/kg/day)
B0.2M	0.2	0.025	0.20	1.6	61	0.01	26.28	8
B2M	2	0.025	0.20	16.0	609	0.06	26.28	76
B5M	5	0.025	0.20	40.0	1522	0.15	26.28	190
B0.2F	0.2	0.016	0.15	1.9	71	0.01	26.28	8
B2F	2	0.016	0.15	18.8	713	0.07	26.28	76
B5F	5	0.016	0.15	46.9	1784	0.18	26.28	190
E0.2M	0.2	0.025	0.20	1.6	70	0.01	22.99	9
E2M	2	0.025	0.20	16.0	696	0.07	22.99	87
E5M	5	0.025	0.20	40.0	1740	0.17	22.99	217
E0.2F	0.2	0.016	0.15	1.9	82	0.01	22.99	9
E2F	2	0.016	0.15	18.8	816	0.08	22.99	87
E5F	5	0.016	0.15	46.9	2039	0.20	22.99	217

a. BW = body weight.

b. TA = test article.

c. Tobacco blend (TB) = 26.28 mg nicotine/g; therefore, the animal consumes 38.051 mg of TB to be dosed 1 mg of nicotine.

d. Tobacco extract (TE) = 22.99 mg nicotine/g; therefore, the animal consumes 43.497 mg of TE to be dosed 1 mg of nicotine.

e. Target TB/kgBW/day = (target nicotine/kgBW/day) × (38.051 mg tobacco/mg nicotine).

f. Target TE/kgBW/day = (target nicotine/kgBW/day) × (43.497 mg tobacco/mg nicotine).

Table 4. Consumption Parameters of Tobacco Blend and Tobacco Extract Formulations – Second Preparation

Dose Group	Target Nicotine/kg BW ^a /day (mg/kg/day)	Estimated Food Consumption (kg/day)	Estimated Body Weight (kg)	Target Nicotine/kg Feed (mg/kg)	Target TA ^b /kg Feed (mg/kg)	Target TA/kg Feed (%)	Concentration of Nicotine in TA ^{c,d} (mg/g)	Target TA ^{e,f} /kg BW/day (mg/kg/day)
B0.2M	0.2	0.025	0.30	2.4	91	0.01	26.28	8
B2M	2	0.025	0.30	24.0	913	0.09	26.28	76
B5M	5	0.025	0.30	60.0	2283	0.23	26.28	190
B0.2F	0.2	0.016	0.20	2.5	95	0.01	26.28	8
B2F	2	0.016	0.20	25.0	951	0.10	26.28	76
B5F	5	0.016	0.20	62.5	2378	0.24	26.28	190
E0.2M	0.2	0.025	0.30	2.4	104	0.01	22.99	9
E2M	2	0.025	0.30	24.0	1044	0.10	22.99	87
E5M	5	0.025	0.30	60.0	2610	0.26	22.99	217
E0.2F	0.2	0.016	0.20	2.5	109	0.01	22.99	9
E2F	2	0.016	0.20	25.0	1087	0.11	22.99	87
E5F	5	0.016	0.20	62.5	2719	0.27	22.99	217

a. BW = body weight.

b. TA = test article.

c. Tobacco blend (TB) = 26.28 mg nicotine/g; therefore, the animal consumes 38.051 mg of TB to be dosed 1 mg of nicotine.

d. Tobacco extract (TE) = 22.99 mg nicotine/g; therefore, the animal consumes 43.497 mg of TE to be dosed 1 mg of nicotine.

e. Target TB/kgBW/day = (target nicotine/kgBW/day) × (38.051 mg tobacco/mg nicotine).

f. Target TE/kgBW/day = (target nicotine/kgBW/day) × (43.497 mg tobacco/mg nicotine).

Table 5. Consumption Parameters of Tobacco Blend and Tobacco Extract Formulations – Subsequent Preparations

Dose Group	Target Nicotine/kg BW ^a /day (mg/kg/day)	Estimated Food Consumption (kg/day)	Estimated Body Weight (kg)	Target Nicotine/kg Feed (mg/kg)	Target TA ^b /kg Feed (mg/kg)	Target TA/kg Feed (%)	Concentration of Nicotine in TA ^{c,d} (mg/g)	Target TA ^{e,f} /kg BW/day (mg/kg/day)
B0.2M	0.2	0.025	0.40	3.2	122	0.01	26.28	8
B2M	2	0.025	0.40	32.0	1218	0.12	26.28	76
B5M	5	0.025	0.40	80.0	3044	0.30	26.28	190
B0.2F	0.2	0.016	0.25	3.1	119	0.01	26.28	8
B2F	2	0.016	0.25	31.3	1189	0.12	26.28	76
B5F	5	0.016	0.25	78.1	2973	0.30	26.28	190
E0.2M	0.2	0.025	0.40	3.2	139	0.01	22.99	9
E2M	2	0.025	0.40	32.0	1392	0.14	22.99	87
E5M	5	0.025	0.40	80.0	3480	0.35	22.99	217
E0.2F	0.2	0.016	0.25	3.1	136	0.01	22.99	9
E2F	2	0.016	0.25	31.3	1359	0.14	22.99	87
E5F	5	0.016	0.25	78.1	3398	0.34	22.99	217

a. BW = body weight.

b. TA = test article.

c. Tobacco blend (TB) = 26.28 mg nicotine/g; therefore, the animal consumes 38.051 mg of TB to be dosed 1 mg of nicotine.

d. Tobacco extract (TE) = 22.99 mg nicotine/g; therefore, the animal consumes 43.497 mg of TE to be dosed 1 mg of nicotine.

e. Target TB/kgBW/day = (target nicotine/kgBW/day) × (38.051 mg tobacco/mg nicotine).

f. Target TE/kgBW/day = (target nicotine/kgBW/day) × (43.497 mg tobacco/mg nicotine).

3.3.2 Preparation of the Tobacco Blend Formulations

A sufficient amount of tobacco blend to prepare all tobacco blend formulations was ground through a Thomas Wiley Laboratory Mill with a 0.5 mm screen. In small increments, the ground tobacco blend was sieved with a 20 (No. 20) mesh screen. The tobacco blend that did not go through the sieve was discarded. Blank NTP-2000 feed and the sieved tobacco blend (the amounts differ based on the formulation concentration, but the combined target weights equal 4000 g) were weighed into separate containers for preparation of a premix. The tobacco blend and an approximate equal portion of blank feed were added to a 20 quart mixing bowl. The contents were mixed with a Hobart mixer at a slow speed. The blank premix feed was added in equal portions and mixed thoroughly until all the premix feed had been incorporated with the tobacco blend.

Blank NTP-2000 feed (amounts varied based on the size of the batch) was weighed. Approximately half of the blank feed was transferred to an appropriately sized Patterson Kelly twin shell blender. The premix was transferred to the twin shell blender and distributed nearly level across the blank feed. The premix weighing container was “rinsed” twice with blank feed. The remaining blank feed was transferred to the twin shell blender and the blender was run for approximately 15 minutes. The formulations were then sampled and dispensed into the appropriate containers.

3.3.3 Preparation of the Tobacco Extract Formulations

Blank NTP-2000 feed ($11,500 \pm 10$ g for premix) and the tobacco extract (the amounts differ based on the formulation concentration) were weighed into separate containers for preparation of a premix. The tobacco extract was diluted to 500 ± 5 g with deionized water (if it was transferred from a small to a larger container, the container was rinsed with deionized water before the dilution to 500 g). The contents in the container were mixed well to create an homogenous solution. Approximately half of the premix feed was added to a Hobart Processor. The tobacco extract diluted with deionized water was poured directly onto the feed and the container of the solution was rinsed three times with blank feed, which was added to the Hobart Processor. The processor mixed for approximately 5 minutes with the scraping blade being turned at least five times throughout the 5 minute period. Using a large spatula,

the premix was stirred thoroughly to make sure no large clumps were created. If large clumps were created, the processor was continually turned on until the clumps were dispersed. Half of the remaining blank premix feed was added to the processor and mixed for approximately 5 minutes with the scraping blade being turned at least five times throughout the 5 minute period. Using a large spatula, the premix was stirred thoroughly to make sure no large clumps were created. If large clumps were created, the processor was continually turned on until the clumps were dispersed. The remaining blank feed for the premix was added to the processor and mixed for approximately 5 minutes, and the previously described mixing steps were repeated.

Blank NTP-2000 feed (amounts varied based on the size of the batch) was weighed. Approximately half of the blank feed was transferred to an appropriately sized Patterson Kelly twin shell blender. The premix was transferred to the twin shell blender and distributed nearly level across the blank feed. The premix weighing container was “rinsed” twice with blank feed. The remaining blank feed was transferred to the twin shell blender and the blender was run for approximately 15 minutes. The formulations were then sampled and dispensed into the appropriate containers.

3.3.4 Chemical Analysis of Formulations

One formulation analysis sample and one formulation retention sample were taken from the formulation batches prepared for each diet at each dose and were stored at room temperature. Nicotine was used as the tracking compound for the formulation analysis. Animal room samples were collected on the last day of use of the first formulation preparation. Homogeneity was evaluated during the first and fourth dose formulations.

3.4 Experimental Animals

A total of 960 male and female Wistar Han rats (480 per sex) were required for the carcinogenicity study. A total of 140 males and females (70 per sex) were required for toxicokinetics. An additional 30 rats per sex were required for use as sentinels for disease monitoring. A sufficient number of animals were obtained from Charles River Laboratories (Raleigh, NC) to provide the required number of healthy animals for testing. The rats were

approximately 5 weeks of age at animal receipt and ranged in body weight from approximately 105 to 211 grams at Day 1 of the study.

The rat was chosen as the test system because considerable scientific documentation exists pertaining to the rat as a predictive animal model for humans. Currently there are no *in vitro* or computer models that can replace the integrative function of the whole animal model. The Battelle Institutional Animal Care and Use Committee approved the proposed activities before implementation of this study.

Rats were housed in rooms 7C-074 (Figure 1), 7C-078 (Figure 2), and 7C-076 (Figure 3), from study initiation until March 31, 2010. On that date, rats were transported to adjoining rooms 7-2-007 and 7-2-009 (Figure 4), and adjoining rooms 7-2-040 and 7-2-042 (Figure 5) for the remainder of the study. Room, rack, and cage assignments, as well as the direction of rack and cage rotation, are presented in Figures 1 through 5. Cages were changed at least twice weekly or as often as necessary to keep the rodents clean and dry. Racks were changed, and racks and cages were rotated, every 2 weeks in accordance with facility SOP.

3.4.1 Animal Housing and Environmental Conditions

All animals were received, quarantined, and housed in polycarbonate cages with hardwood bedding according to testing facility standard operating procedures (SOPs). Male rats assigned to study were housed up to two per cage and female rats assigned to study were housed up to three per cage. All housing and animal care and maintenance conformed to the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC) recommendations, current requirements stated in the Guide for the Care and Use of Laboratory Animals (National Research Council, 1996).

The environmental conditions of the animal study rooms conformed to the following: (1) the light/dark cycle was set to maintain approximately 12 hours of light and 12 hours of dark each day during the study using fluorescent lighting, starting at approximately 6:00 AM each day; (2) the room temperature and relative humidity controls were set to maintain 64 to 79°F and 30 to 70 percent, respectively, and were monitored for conformance; and (3) fresh air was supplied to the room at a rate providing a minimum of ten changes of room air per hour.

3.4.2 Diet

Animals were fed powdered NTP-2000 (Harlan Teklad, Madison, WI) rodent diet *ad libitum* according to facility SOP except when fasted prior to the scheduled necropsy. The control group was fed the diet without test article and treated animals were fed the diet with the specified quantity of test article required to maintain their designated doses. Analysis reports of each feed lot were supplied by the vendor and were maintained by Battelle. There were no known or reported contaminants in the feed that would have any impact on study results or interpretations.

3.4.3 Water

Fresh water from the city of Columbus municipal water supply was provided *ad libitum* via automatic watering system. The water supply was monitored under Battelle SOPs. Water samples were collected within 6 months from the start of the study on December 9, 2008 for chemical and microbial analysis. Results were available on January 7, 2009 and November 4, 2010, and indicated there were no known or reported contaminants in the water that would have any impact on study results or interpretations.

3.5 Serology

The serology screen was conducted using five males and five females soon after arrival and was conducted according to facility SOP. These animals were necropsied to evaluate any signs of disease. Initiation of the study was dependent on negative serology and no evidence of disease in the animals. Serology was evaluated at approximately 1, 6, 9, and 14 months of the study, and again near termination of the study.

Rat serology endpoints were as follows:

Sendai virus	Mouse adenovirus (MAV) 1 & 2
Pneumonia virus of mice (PVM)	Hantaviruses (HANT)
Sialodacryoadenitis virus (SDAV)	<i>Encephalitozoon cuniculi</i> (ECUN)
Kilham rat virus (KRV)	Cilia associated respiratory bacillus (CARB)
H-1 virus (H-1)	Mouse parvovirus (MPV) or PARV NS1
GDVII (murine encephalomyelitis virus)	Rat parvovirus (RPV)
REO	Rat minute virus (RMV)
<i>Mycoplasma pulmonis</i>	
Lymphocytic choriomeningitis virus (LCMV)	

All serological samples were submitted to Research Animal Diagnostic Laboratory (RADIL), Columbia, MO, for analysis.

3.6 Treatment Group Allocation and Animal Identification

Animals were identified by pre-study numbers on cage cards during quarantine and acclimation. Following group assignment, rats were individually identified by tail tattoo.

Prior to the initiation of exposures, animals were assigned to study groups using the PATH/TOX SYSTEM (Version 4.2.2, Xybion Medical Systems Corporation, Cedar Knolls, NJ). The PATH/TOX SYSTEM software algorithm ensures homogeneity of group variances with respect to body weight across all groups. The following were the group assignments and animal identification numbers:

Group	Animal Identification Numbers			
	Males		Females	
	Core	TK	Core	TK
1 - Control-A	121-180	1001-1010	1121-1180	2001-2010
2 - Control-B	201-260	--	1201-1260	--
3 - Tobacco Blend Low Dose	321-380	1031-1040	1321-1380	2031-2040
4 - Tobacco Blend Intermediate Dose	421-480	1041-1050	1421-1480	2041-2050
5 - Tobacco Blend High Dose	521-580	1051-1060	1521-1580	2051-2060
6 - Tobacco Extract Low Dose	621-680	1061-1070	1621-1680	2061-2070
7 - Tobacco Extract Intermediate Dose	721-780	1071-1080	1721-1780	2071-2080
8 - Tobacco Extract High Dose	821-880	1081-1090	1821-1880	2081-2090
9 - Sentinels	901-930	--	1901-1930	--

3.7 Experimental Design

Rats were randomized into eight dosage groups and one sentinel group. The 24-month carcinogenicity study included the following endpoints to evaluate the potential chronic toxicity of tobacco blend and aqueous tobacco extract: clinical observations, body weights, body weight changes, food consumption, ophthalmic exams, toxicokinetics, gross necropsy, and microscopic exams.

3.8 Clinical Observations

Cage-side observations for moribundity and mortality were made twice daily, once in the morning and once in the afternoon, with at least 6 hours between observations (no later than 10:00 AM and no earlier than 2:00 PM) throughout the duration of study. Clinical

examinations were conducted on all animals at weekly intervals. A final detailed clinical examination was conducted on each study rat on the day of scheduled necropsy.

3.9 Body Weights

Individual body weights of animals were recorded on Day -6 (with respect to core males), Day -7 (with respect to core females), Day -11 (with respect to TK males), and Day -12 (with respect to TK females) for randomization and group assignment. After initiation of dosing, body weights (core and TK) were recorded weekly for the first 13 weeks of the study and every 4 weeks thereafter until study termination.

3.10 Food Consumption

Food consumption was measured over an approximate 24 hour period starting on Study Day 1. Food consumption was measured weekly for the first 13 weeks of the study and every 4 weeks thereafter until study termination. A known amount of food was placed in the feed container and reweighed after 3 or 4 day intervals over a 1-week period. The difference in the weight of the food container was taken as a measurement of food consumed per cage. Food consumption (g/day) was calculated for each cage as the average quantity consumed per animal per day.

3.11 Toxicokinetics

Ten rats per sex were included in each dose group, excluding the Control-B group and sentinel groups, for plasma nicotine and cotinine concentrations. The methodology for plasma nicotine and cotinine analysis was validated under design form CN49730A-BIOVAL.

Toxicokinetic plasma collection occurred on each Tuesday (males) and Wednesday (females) on Weeks 5, 14, and every 4 months thereafter (Weeks 31, 49, 66, 83, and 101). Samples were collected at a single time point (12:00 AM) for nicotine and cotinine analysis in five male and five female rats from up to seven dose groups at each of the time periods (35 total TK samples/sex/time period). Five extra rats were included in each dose group for potential replacement of any rat that died or was determined to be unsuitable for blood sampling. The data from each sampling period was used to evaluate dose proportionality and nicotine metabolism by sex and group.

Toxicokinetic study rats were anesthetized with CO₂/O₂ and blood was collected from the retro-orbital sinus into tubes containing potassium EDTA as the anti-coagulant. A target volume of 500 µL of blood was collected at each time point according to facility SOP. Samples were placed on wet ice until centrifuged. Plasma was transferred into appropriately labeled tubes and placed on dry ice until stored in a freezer set to maintain -60 to -80°C.

After each blood collection, the animal was placed back in its home cage and supplied with feed and water until the next scheduled blood collection. These animals remained on study for subsequent plasma nicotine and cotinine analyses. Toxicokinetic animals were euthanized after the last TK plasma collection day with no further data collected.

Toxicokinetic parameters evaluated included the C_{max} and T_{max}. An audited toxicokinetic report and an audited bioanalytical report, together with appropriate QA documentation, were provided to the Study Director for inclusion into the final report.

3.12 Ophthalmic Examination

Ophthalmic examinations were conducted on all potential core carcinogenicity animals according to facility SOP by a staff veterinarian prior to selection/group assignment. Ophthalmic exams were also performed after 12 months and near the termination of the carcinogenicity phase for all core carcinogenicity study animals, excluding the Control-B group and sentinels. A mydriadic drug was used for ophthalmic exams.

3.13 Necropsy

After at least 24 months of dosing, all surviving core carcinogenicity animals (excluding sentinels) were fasted overnight and humanely terminated using a combination of CO₂ inhalation and exsanguination. External features of the animals were evaluated prior to euthanasia, followed by necropsy.

Each necropsy included: examination of the external surface of the body; all orifices; the cranial, thoracic, abdominal and pelvic cavities and their contents; and collection of all tissues listed in the protocol, as well as gross findings. All scheduled necropsies were conducted under the supervision of a board-certified veterinary pathologist.

The following tissues were collected according to facility SOP. Tissues were fixed in 10 percent neutral buffered formalin (NBF), with the exception of testes, which were preserved in Bouin's fixative and subsequently transferred to 70 percent ethanol, and eyes with optic nerve were fixed in Davidson's fixative and subsequently transferred to 10 percent NBF, per facility SOP.

Tissues Collected at Necropsy

Animal identification ^a	Parathyroid/thyroid gland
Gross lesions	Pituitary gland
Adrenal glands	Preputial glands
Bone and marrow (femur)	Prostate
Brain (cerebrum, cerebellum, medulla)	Salivary gland (mandibular)
Clitoral gland	Sciatic nerve
Epididymides	Seminal vesicles
Esophagus, pharynx, trachea	Skeletal muscle (biceps femoris)
Eyes (with optic nerve)	Skin
Harderian glands	Small intestine (duodenum, jejunum, ileum)
Heart	Spinal cord (cervical, thoracic, lumbar)
Kidneys	Spleen
Large intestine (cecum, colon, rectum)	Sternum, bone marrow
Liver (median lobe and left lateral lobe)	Stomach (fore-stomach and glandular)
Lungs with bronchi	Testes
Mesenteric lymph node	Thymus
Mammary gland (females only)	Tongue
Nasal cavities and turbinates	Urinary Bladder
Ovaries (without oviduct)	Uterus
Oral mucosa	Vagina
Pancreas	Zymbal glands

a. Collected but not processed.

3.14 Tissue Processing

All fixed tissues from the controls (Groups 1 and 2) and all treatment groups (Groups 3 to 8) were processed to slides and stained with hematoxylin and eosin according to facility SOP for histopathologic examination.

3.15 Histopathologic Evaluation

Tissue slides from core rats in the controls (Groups 1 and 2) and all treatment groups (Groups 3 to 8) were examined microscopically by a board-certified veterinary pathologist. An internal peer review was performed according to facility SOP.

3.16 Computer Systems for Data Management

Computer System Name	Version #	Manufacturer	Data Type
Analyst	1.4.2	AB SCIEX (Foster City, CA)	Chromatography/Mass Spectrometry
Atlas	8.2	Thermo Fisher Scientific (Waltham, MA)	Chromatography; formulation analysis
EMCS	3.10	Siemens (Buffalo Grove, IL)	Animal Facility Environmental
Excel Building Supervisor	1.7	Honeywell (Minneapolis, MN)	Animal Facility Environmental
PATH/TOX SYSTEM	4.2.2	Xybion Medical Systems Corporation (Cedar Knolls, NJ)	Animal Toxicology and Pathology
T-Track	1.0.0	Battelle (Columbus, OH)	Refrigerator/Freezer Temperature Monitoring

3.17 Data Analysis

All appropriate quantitative in-life data were analyzed statistically using the PATH/TOX SYSTEM, Version 4.2.2, when $n \geq 3$. All data were analyzed for test article effects by analysis of variance. Homogeneity was determined by Bartlett's test for homogeneity at the $p \leq 0.05$ level of significance. Homogenous data were analyzed using Dunnett's t-test. Non-homogeneous data was analyzed using Cochran and Cox's Modified two-sample t-test. Statistical significance for each comparison was reported at the $p \leq 0.05$ level of significance. Comparisons included Control-A vs. Test Articles, and corresponding Blend vs. Extract dose groups. Multiple statistical comparisons are indicated on the tables throughout this report. Capital letters indicate the comparison was significantly different between groups with Dunnett's test of significance, while lower case letters indicate comparisons were significantly different with the Modified t-test. Qualitative data summaries were provided for clinical observations.

Statistical analyses of survival and tumor incidence data were performed using the STATA System (Version 11) software. Survival probabilities were calculated for each group using the Kaplan-Meier method, and survival curves were plotted. Tests for differences in intercurrent mortality among the study groups were conducted using the log-rank test. If dose

effects were observed, pairwise comparisons between the control and each dose group were conducted using the same method.

To test for positive linear dose-response trends in tumor incidence, each tumor observed in each animal was classified as either incidental, fatal, or mortality independent. Non-lethal occult tumors that did not contribute directly or indirectly to the early (unscheduled) death of an animal were classified as incidental tumors; tumors assumed to have caused the early (unscheduled) death of the animal were classified as fatal, and tumors present at study termination (scheduled sacrifice), which, therefore, could not have been responsible for the animal's death and yet were also not assumed to be incidental, were classified as mortality independent. Tumors classified as mortality independent by the study pathologist were treated as incidental tumors in the statistical analysis. Both tumor classifications were not the cause of death of the animal, but each were associated with a day of death at which the tumor was observed, which was used as the temporal component (time interval) in the statistical model.

While some types of tumors were observed in only one context (incidental or fatal), others were observed in both contexts. The methods used for the analysis of incidental, fatal, and combined tumor data were consistent with those currently recommended by the FDA for tumor analysis (Lin, 2000; CDER, 2001). Tests for linear dose trends were conducted separately for the tobacco blend and the tobacco extract. Cochran Armitage trend tests, using the Mantel-Haentzel method to pool results over time intervals, were used to test for positive linear dose trends in prevalence rates of incidental tumors. Tarone's trend tests were used to test for positive linear dose trends in tumors observed in a fatal context. If a specified type of tumor was observed in both incidental and fatal contexts among the eight dose groups, then the Peto's method was used.

4.0 RESULTS

4.1 Chemical Analysis of Formulations

4.1.1 Pre-Dosing

Samples of formulations from the dose preparation of tobacco blend and tobacco extract were analyzed at Battelle for verification of nicotine concentrations based on methods provided by the Sponsor. Homogeneity studies performed to support the 90-day studies are provided in [Appendix D](#) (Hejtmancik, 2009b). In the current study, homogeneity was confirmed during the first and fourth dose formulations using the methods described in [Appendix D](#). Nicotine was used as the tracking compound to determine the concentrations of the tobacco blend and tobacco extract in the feed. Generally, the pre-dose formulations of tobacco blend and tobacco extract that were analyzed for nicotine concentration met the acceptance criteria (within 10 percent of the target concentrations, and had relative standard deviation's (RSD's) and/or average relative errors (RE) less than 10 percent). The results of these analyses and the results of those formulations that did not meet acceptance criteria are presented in [Appendix E](#).

Because the test article for the blend is derived from tobacco plant material, the tobacco blend formulations are considered to be complex mixtures with varying particle sizes. Particle size is a primary factor affecting feed blend homogeneity and the production of blends is generally more difficult at the lower dosage levels (Jameson and Walters, 1984). This phenomenon was apparent in the current study where the RE and/or RSD for the low dose blend formulations used on study were generally ≥ 10 percent, but did not exceed 17.5 and 16.6 percent, respectively. Increasing the sample size from 3 to 6 during analysis diminished but did not eliminate the variability in test article concentration for the low dose formulations.

4.1.2 Post-Dosing

Post-dose (animal room) samples were also analyzed for nicotine concentration from the first set of batches from the study ([Appendix E](#)). In general, the post-dose animal room concentrations agreed with the pre-dose concentrations. The concentration of all submitted post-dose formulation samples met the acceptance criteria for pre-dose samples (%RE within 10 percent of target; RSD less than or equal to 10 percent), with the following exceptions. The concentration results for 5-BLEND-3 (B0.2M) and 5-EXTRACT-1 (E0.2F) analyzed on April 6, 2009 had average REs of 10.3 and 23.4 percent, respectively.

4.2 Serology

All serology results were negative. Based on the negative serology results for the endpoints measured, the animals were free of any known underlying infectious disease that would affect the interpretation of the study. The results of these analyses are presented in [Appendix L](#).

4.3 Survival

There were no treatment-related effects on survival during this 2-year carcinogenicity study. At study termination, the survival rates of treated males in all dosage groups (≥ 75 percent) were similar to the survival of the CM and CBM groups (≥ 77 percent). Similarly, survival of treated females in all dosage groups (≥ 70 percent) were similar to the survival of the CF and CBF groups (≥ 68 percent). Two animals in the CM group (175 and 176) were reported as missing on Day 547. Since these animals were still alive on Day 547, they were treated as censored observations in the statistical analysis of survival. Kaplan-Meier survival curves associated with time to death (days) for male and female rats are presented in [Figure 6](#) and [Figure 7](#), respectively. Statistical analysis of the survival data indicated there was no difference in intercurrent mortalities among the study groups for either males or females ([Appendix M](#)).

4.4 Clinical Observations

Group summaries of the clinical abnormalities reported for male and female rats are presented in [Table 7](#) and [Table 8](#), respectively. No treatment-related clinical signs of toxicity were apparent over the course of the study and treated animals were similar to control in overt behavior and in general health and appearance. Clinical abnormalities were generally considered to be minor in severity and were not attributed to the administration of the TB or TE test articles.

4.5 Body Weights

The respective group mean absolute body weights for male and female rats are presented in [Table 9](#) and [Table 10](#), and are also presented graphically in [Figure 8](#) and [Figure 9](#) for the TB, and in [Figure 10](#) and [Figure 11](#) for the TE test articles. A dose-dependent reduction in body weight was apparent for male and female rats throughout the duration of the study. Treatment with the test articles resulted in significant reductions ($p \leq 0.05$) in the B2M, B5M, and E2M groups starting on Day 14, and was observed for males in the E5M group starting on Day 7.

Significant body weight reductions for the B2M, B5M, E2M, and E5M groups continued throughout the duration of the study, and ended on Day 707 with 12.7, 18.1, 12.5, and 20.3 percent reductions relative to control, respectively. Among females, treatment with the TB and TE test articles resulted in significant reductions in the B5F and E5F groups beginning on Day 7, and was observed for the B2F and E2F groups starting on Days 56 and 70, respectively. Sporadic reductions in absolute body weight were also observed for the B0.2F group beginning on Day 315, but the decrease did not exceed a 10 percent difference from control by study termination. Significant reductions ($p \leq 0.05$) in body weight for females in the B2F, B5F, E2F, and E5F groups continued throughout the duration of the study, and ended on Day 707 with 16.5, 28.3, 15.3, and 26.1 percent reductions relative to control, respectively. Although a dose-dependent reduction in body weight was seen among dosage groups, body weights were generally similar between TB and TE groups at comparable doses.

The respective group mean percent body weight gains for male and female rats are presented in [Figure 12](#) and [Figure 13](#) for the TB groups and in [Figure 14](#) and [Figure 15](#) for the TE groups. Group mean absolute body weight gains are presented in [Figure 16](#) and [Figure 17](#) for the TB groups, and in [Figure 18](#) and [Figure 19](#) for the TE groups.

The group mean absolute body weights for male and female TK animals are presented in [Table 11](#) and [Table 12](#), respectively, and are also presented graphically in [Figure 20](#) and [Figure 21](#) for the TB, and in [Figure 22](#) and [Figure 23](#) for the TE test articles. The number of animals in the TK groups was lower than in the core groups; therefore, TK body weight data may be less conclusive than core body weight data. TK animals had blood drawn throughout the course of the study, thus, TK body weights were collected only as supportive information. Among TK males, sporadic body weight reductions were apparent in the B5M, B2M, and E5M groups, predominantly during the second year of the study. TK male absolute body weights were generally similar between TB and TE groups at comparable doses; however, the E2M group was significantly reduced ($p \leq 0.05$) compared to the B2M group for the majority of the study period. Among TK females, a dose-dependent reduction in body weight was apparent for both TB and TE test articles. Significant reductions ($p \leq 0.05$) in body weight for TK females in groups B2F, B5F, E2F, and E5F continued throughout the duration of the study.

TK female absolute body weights were generally similar between TB and TE groups at comparable doses.

The respective group mean percent body weight gains for male and female TK rats are presented in [Figure 24](#) and [Figure 25](#) for the TB group and in [Figure 26](#) and [Figure 27](#) for the TE groups. Group mean absolute body weight gains are presented in [Figure 28](#) and [Figure 29](#) for the TB groups, and in [Figure 30](#) and [Figure 31](#) for the TE groups.

4.6 Food Consumption

The group mean average food consumed per day for male and female rats is presented in [Table 13](#) and [Table 14](#), and is also presented graphically in [Figure 32](#) and [Figure 33](#) for the TB test article and in [Figure 34](#) and [Figure 35](#) for the TE test article. Daily food consumption was generally similar between TB, TE and control groups, except for B5F and E5F, which consistently consumed less food than CF throughout the course of the study. The grand mean average food consumed per day for male rats exposed to TB and TE test articles did not differ significantly from the control. Treatment-related reductions in food consumption were apparent among female rats. From Day 7 through Day 707, food consumption for the B5F and E5F groups was significantly reduced ($p \leq 0.05$) 17.1 and 15.1 percent, respectively, relative to CF. Significant differences in food consumption were also apparent in the B5M and E5M groups for the first several months of dosing; however, these aberrations became more spurious over time and were not apparent after the first year of dosing. Food consumption was generally similar between TB and TE groups at comparable doses.

4.7 Toxicokinetics

The Bioanalytical Report is provided in [Appendix G](#) and the Toxicokinetic Report is provided in [Appendix H](#). The T_{\max} (i.e., 12:00 AM) was experimentally determined from a previous 28-day toxicity study (Hejtmancik, 2009a). The C_{\max} values in the present study were used to evaluate systemic exposure to nicotine and cotinine during Weeks 5, 14, 31, 49, 66, 83, and 101, as well as evaluate sex, varying formulations, exposure level, and exposure duration effects. There were no overt formulation effects as TE and TB formulations at a given exposure level had similar C_{\max} values for both males and females. The C_{\max} values increased proportionally with an increase in exposure level for both the TB and TE, with the exception

of B5F on Week 66 which had lower than expected mean C_{\max} values for nicotine and cotinine. Cotinine C_{\max} values were generally 7- to 18-fold greater than nicotine values for a given treatment group and exposure level for both male and female rats, and there was no consistent change (increase or decrease) in group mean nicotine or cotinine C_{\max} values over time. C_{\max} values were generally similar (less than a 2-fold difference) on all study weeks for a given dosage group and sex.

4.8 Ophthalmic Examinations

A report for ophthalmic exams that were conducted pretest, at approximately 12-months of dosing, and again near the end of the study, is included in [Appendix I](#). Corneal crystals were noted in all dosage groups and at all time periods. Only ten out of 351 males and six out of 333 females had ocular abnormalities other than corneal crystals near the end of the study. There was no evidence that the corneal crystals detected at the 12-month or study termination period were associated with exposure to the TB or TE test articles.

4.9 Gross Lesions

Macroscopic (gross) findings are presented in [Appendix J](#). Few macroscopic findings were observed in this study. To the fullest extent possible, macroscopic findings were correlated microscopically. When compared to the respective controls for male and female rats, macroscopic findings did not appear related to TB or TE administration.

4.10 Histopathology

Microscopic findings for individual animals are presented in [Appendix J](#). Incidence summaries of all microscopic observations for males and females are presented in [Table 15](#) and [Table 16](#), respectively, and the incidence summaries of nonneoplastic graded observations with average severity are presented in [Table 17](#) and [Table 18](#), respectively.

Nonneoplastic findings were assigned a severity grade where appropriate, or coded as “present” without a severity grade (e.g. ovary cyst). Severity was graded on a 1 to 4 scale, where 1 = minimal (the change barely exceeded normality), 2 = mild (change was clearly discernible and of questionable or minor pathologic significance), 3 = moderate (change was substantial and may account for an alteration in tissue structure and/or function), and 4 = marked (change was essentially maximal).

Incidence summaries of benign primary neoplasms for males and females are presented in [Table 19](#) and [Table 20](#); and incidence summaries of malignant and infiltrative neoplasms are presented in [Table 21](#) and [Table 22](#), respectively. Neoplasms were coded as benign (B), malignant (M), or infiltrative (F).

In order to conduct a statistical analysis of tumor incidence among the appropriate dose groups, each tumor observed microscopically was classified into either incidental, fatal, or mortality independent categories. Incidental tumors were defined as tumors that did not contribute to the unscheduled death of an animal; fatal tumors were defined as tumors assumed to have caused the unscheduled death of an animal; and mortality independent tumors were defined as tumors present at study termination (scheduled sacrifice), which therefore could not have been responsible for the animal's death, but can also not be assumed to be incidental.

[Table 6](#) summarizes the incidence of neoplastic and nonneoplastic findings in the uterus. A greater incidence of uterine carcinoma was observed in the B5F (12 percent, 7/59) and E5F (7 percent, 4/59) groups when compared to the incidence in the CF group (2 percent, 1/60) and there did not appear to be a dose-response relationship upon examination of all groups ([Table 6](#)). The incidence of uterine carcinoma in all groups was within an acceptable background level for Wistar Han rats (Deerberg *et al.*, 1981; Charles River Laboratories, 2011). Thus, uterine carcinomas were deemed spontaneous in occurrence and unrelated to the TB or TE administration.

Table 6. Incidences of Selected Neoplasms and Nonneoplastic Uterine Lesions for the 2-Year Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats

Group	CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Uterus Number Examined	60	60	60	60	59	60	60	59
Endometrial Hyperplasia, Cystic (CEH)	12	17	5	16	16	10	15	13
M-Sarcoma, Stromal	3	2	0	1	0	1	3	1
Thrombosis	0	0	0	0	1	0	0	0
Inflammation	2	0	2	0	1	2	0	0
M-Carcinoma	1	0	5	3	7	3	0	4
Hyperplasia, Endometrium, Atypical	0	1	3	2	2	2	1	2
B-Polyp, Endometrial Stromal	4	4	4	5	5	5	8	3
Hemorrhage	0	1	1	0	0	0	0	0
Dysplasia, Smooth Muscle	0	0	1	0	0	0	0	0
Squamous Metaplasia, Endometrium	0	0	0	0	0	2	0	0
M-Histiocytic Sarcoma	0	0	0	0	0	0	1	0

All diagnoses:

Phases: All

Death types: All

Date of death range: May 4, 2009 to March 18, 2011.

Several additional nonneoplastic and neoplastic microscopic findings were observed in the TB and TE treatment groups. When compared to the control, all such findings were typical of spontaneous background changes observed in untreated Wistar Han rats (Son *et al.*, 2010; Mitsumori *et al.*, 2001; Charles River Laboratories, 2011), and were interpreted to be neither toxicologically nor biologically significant. None of the microscopic findings in this study were interpreted to be due to exposure to TB or TE test article administration.

4.11 Pathology Conclusions

There were no treatment related gross or microscopic findings following exposure of Wistar Han male and female rats at a target dose up to 5 mg/kg/day of nicotine in TB and TE administered in dosed feed for approximately 24 months.

4.12 Tumor Analysis

Statistical analysis of the tumor data is presented in [Appendix M](#). Of the 90 tumor types identified during the microscopic examination of male and female Wistar Han rats, only two exhibited increasing dose response trends in tumor incidence. They include malignant carcinomas of the uterus in TB females ($p = 0.0117$) and malignant mesothelioma in the epididymis for TB males ($p = 0.0045$). The following females had malignant uterine carcinomas (all groups): 1152, 1321, 1324, 1345, 1368, 1371, 1423, 1425, 1471, 1525, 1530, 1539, 1550, 1556, 1561, 1577, 1670, 1672, 1680, 1851, 1858, 1868, 1879, and the following

males had malignant mesotheliomas in the epididymis (all groups): 522, 556, 560, 748. There were no increasing dose response trends in either males or females in the TE treatment groups.

Decreasing dose response trends in tumor incidence rates were observed for benign mammary gland adenomas for TB females ($p \leq 0.0164$), malignant basal cell carcinomas in skin for TE females ($p = 0.0031$), and for benign follicular cell adenomas in the thyroid gland for TE males ($p \leq 0.010$).

5.0 DISCUSSION

No treatment-related mortality occurred over the course of this 2-year chronic carcinogenicity study, as the survival of each of the TB and TE treatment groups was similar to that of their respective control groups. In the current study, survival rates were ≥ 75 and 68 percent for male and female rats, respectively. These values are comparable to survival rates reported for Wistar Han rats surviving to the terminal sacrifice on a 104-week study. When the total number of animals on study per sex is ≥ 100 , historical background survival rates for Wistar Han rats are approximately 62 to 83 percent for males and 64 to 78 percent for females (Charles River Laboratories, 2011).

No treatment-related clinical signs of toxicity were apparent over the course of the study, and treated animals were similar to control in overt behavior and in general health and appearance. Clinical abnormalities were generally considered to be minor in severity and were not attributed to the administration of the TB or TE test articles.

The only treatment-related effect during the 2-year carcinogenicity study was a reduction in body weight, which was dose-proportional and most pronounced in the female treatment groups. At study termination, the B2M, B5M, E2M, and E5M groups showed significant reductions ($p \leq 0.05$) in body weight of 12.7, 18.1, 12.5, and 20.3 percent relative to the CM group; and females in the B2F, B5F, E2F, and E5F groups showed 16.5, 28.3, 15.3, and 26.1 percent significant ($p \leq 0.05$) reductions relative to the CF group, respectively. Although dose-dependent reductions in body weight were apparent for both male and female rats, body weights were generally similar between TB and TE groups at comparable doses. Daily food consumption over the course of the study was not significantly decreased among male dosage groups compared to the respective control (CM). The high dose female groups, however, showed statistically significant ($p \leq 0.05$) decreases of 17.1 (B5F) and 15.1 percent (E5F) compared to CF females. Reduction in food consumption likely contributed to the reduced weight gain in the female high dose treatment groups.

No treatment-related ophthalmic abnormalities were detected at approximately 12-months of dosing or at study termination. Corneal crystals were noted in all dosage groups and at all time periods; however, there was no evidence that the corneal crystals were associated with exposure to the TB or TE test articles. Although an increasing dose response seemed apparent

for the TB females after 12 months of dosing, there was no dose response trend in males exposed to the TB test article, nor did the trend persist in TB females at study termination. The lack of persistence of this effect in TB females, in particular, suggests this was not a treatment-related effect.

Toxicokinetic studies (plasma nicotine and cotinine measurements) were performed in conjunction with this chronic/carcinogenicity study to demonstrate that systemic exposure to the tobacco blend and the aqueous extract of the tobacco blend (using nicotine as a tracking compound) has occurred appropriately, and to establish any relationships with sex, formulation concentrations, exposure level, and exposure duration. There were no overt formulation effects during this chronic study. The TB and TE formulations at a given exposure level showed similar C_{\max} values between males and females, and the C_{\max} values increased dose-proportionally with an increase in the target nicotine exposure for both the TB and TE treatment groups. There was no consistent change (increase or decrease) in group mean nicotine or cotinine C_{\max} values over time. The consistency of C_{\max} values over time for a given dosage group (less than a two-fold difference) indicates that dose formulation adjustments based upon the anticipated food consumption and body weight changes of Wistar Han male and female rats were applicable, and no induction of metabolism or accumulation of nicotine had occurred during the course of the study.

There were no microscopic findings that were considered to be treatment-related. Although some nonneoplastic and neoplastic changes were observed, including some statistically significant differences, these findings were typical of spontaneous background changes that occur in untreated Wistar Han rats, and were interpreted to be neither toxicologically nor biologically significant. The occurrence of uterine carcinomas was: 1/60 (1.7 percent; CF), 5/60 (8.3 percent; B0.2F), 3/60 (5.0 percent; B2F), 7/59 (11.9 percent; B5F), 3/60 (5.0 percent; E0.2F), 0/60 (0.0 percent; E2F), and 4/59 (6.8 percent; E5F). In the 12-month toxicity study (20 animals/group/sex), there were no uterine carcinomas present at study termination (Fallacara *et al.*, 2010).

Uterine adenocarcinomas are known to occur spontaneously in Wistar Han rats but are considered to be rare tumors in F344 rats and Sprague Dawley rats (Mitsumori *et al.*, 2001; Son *et al.*, 2010). A longevity study in Wistar Han rats revealed that 16 out of 54 (30 percent)

rats examined at 2 years of age developed spontaneous metastatic uterine adenocarcinomas (Deerberg *et al.*, 1981). The age-related increase in the incidence of uterine carcinomas in the Deerberg *et al.* study was apparent by 13 to 18 months of age and increased substantially by 31 to 36 months of age, resulting in an overall incidence rate of 39 percent (119/305 rats examined) (1981). Historical carcinogenicity data indicates that the tumor incidence rate for uterine carcinomas in untreated Wistar Han rats ranges from approximately 1 to 14 percent in standard chronic studies (Charles River Laboratories, 2011; Mitumori *et al.*, 2001; Walsh and Poteracki, 1994). The average incidence rate of uterine carcinomas in Charles River Wistar Han rats across two chronic gavage studies recently completed for the National Institute for Environmental Health Sciences (NIEHS)/National Toxicology Program (NTP) ranged from a 4 to 18 percent (2 to 9 out of 50 animals per group). These NTP studies are in the process of being finalized (they are currently in review by the pathology working group at the NIEHS/NTP); however, these preliminary results will become publicly available once the review has been completed. Although an increasing dose response trend ($p = 0.0117$) in the incidence of uterine carcinomas was identified for TB females in the current study, the incidence rate of the B5F group (12 percent) did not exceed the historical background range or average incidence reported for this strain; therefore, a treatment-related effect cannot be substantiated.

An increasing dose response trend was also observed for malignant mesothelioma in the epididymis of TB males. In one of sixteen 2-year carcinogenicity studies conducted by Charles River to determine the average incidence of tumor diagnoses in untreated Wistar Han rats, the average incidence of malignant mesotheliomas in the epididymides was 4 percent (2 out of a total of 50 tissues examined) (Charles River Laboratories, 2011). One of two chronic gavage NTP studies also reported the occurrence of a malignant mesothelioma in the epididymides for Wistar Han rats, in which two groups (untreated and treated) exhibited an average incidence rate of 2 percent (1 out of 50 animals per group). In the current study, an increasing dose response trend was observed statistically ($p = 0.0045$); however, three tumors were observed in the B5M group and were not observed in either the B0.2M or B2M groups. The resulting tumor incidence rate of 5 percent (1 to 3 out of 60 animals per group) is comparable to that reported for this strain; thus a conclusive treatment-related effect cannot be substantiated.

A decreasing linear trend was observed for all other statistically significant dose responses in tumor incidence, including benign adenomas in the mammary gland of TB females, malignant basal cell skin carcinomas in TE females, and in benign follicular cell adenomas in the thyroid gland of TE males. Several chronic studies conducted by Charles River to determine the average incidence of tumor diagnoses in untreated Wistar Han rats indicates that the average incidence rate for malignant basal cell skin carcinomas ranges from 1 to 2 percent in females (across 3 studies); follicular cell adenomas in the thyroid gland of males ranges from 1 to 12 percent (across 13 studies); and background incidence for benign mammary gland adenomas in female Wistar rats ranged from 2 to 32 percent (across 15 studies) (Charles River Laboratories, 2011). In the current study, the average incidence rate for groups involved in statistically significantly *decreasing* trends ranged from 7 to 0 percent for malignant basal cell skin carcinomas in CF (4 of 60) and TE (0 of 60 at the highest dose) females; ranged from 12 to 0 percent for benign follicular cell adenomas in the thyroid gland of CM (7 of 58), CBM (7 of 59), and TE (0 of 60 at the highest dose) males; and ranged from 23 to 3 percent for benign adenomas in the mammary gland of CF (8 of 60), CBF (14 of 60), and TB (2 of 60 at the highest dose) females. Tumors with decreasing dose response trends and incidence rates were within the historical background range for Wistar Han rats, and were not interpreted to be treatment-related effects.

In conclusion, the only treatment-related finding identified in the chronic dosed feed toxicity and carcinogenicity study of tobacco blend and aqueous tobacco extract included a dose-proportional reduction in body weight for male and female Wistar Han rats. Although a dose-dependent reduction in body weight was seen among dosage groups, body weights were generally similar between TB and TE groups at comparable doses. Treatment-related reductions in food consumption were apparent among high dose females, but average food consumption per day for males exposed to the TB and TE test articles did not differ significantly from the control. When compared to the respective controls, all microscopic findings were typical of spontaneous background changes observed in untreated Wistar Han rats (Deerberg *et al.*, 1981; Mitsumori *et al.*, 2001; Son *et al.*, 2010; Charles River Laboratories, 2011), and were interpreted to be neither toxicologically nor biologically significant. None of the microscopic findings in this study were interpreted to be due to exposure to TB or TE test article administration, and the effects of the TB and TE test articles were generally similar between comparable doses.

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7.0 SPECIMEN STORAGE AND RECORD ARCHIVES

The pertinent study records will be maintained according to SOPs. The Battelle study records and final report are maintained under the direction of Battelle.

The final report, study files, records, wet tissues, blocks, and slides will be maintained for a period of no less than one year after issuance of the final report for the 2-year carcinogenicity study. After one year, the Sponsor will provide authorization concerning the disposition of those items.

8.0 CONTRIBUTING PERSONNEL

Participant	Role
Study Director/Toxicologist (February 12, 2009-April 19, 2010):	Dr. Milton Hejtmancik
Study Director/Toxicologist (April 20, 2010-Present):	Dr. Dawn M. Fallacara
Study Pathologist:	Dr. Anthony J. Skowronek
Peer Review Pathologist:	Dr. Michael Ryan
Study Health and Safety Officer:	Ms. Erica Gingerich
Study Veterinarian:	Dr. Susan Reed
Formulation Preparation and Bioanalytical Manager:	Ms. Natalie South
Histology Supervisor:	Ms. Connie Essman-Wood
Data Coordinator:	Ms. Beverly A. Baxter
PATH/TOX SYSTEM Data Coordinator:	Mr. Dale Thoma
Pathology Manager:	Dr. Anthony Skowronek
Chemistry Manager:	Dr. Brian L. Burbach
Laboratory Animal Manager:	Ms. Tammy M. Wheat
Facilities and Veterinary Support Manager:	Mr. Richard A. Shank
Study Management Manager:	Dr. Barney R. Sparrow
Product Line Manager, Toxicology Columbus:	Dr. Diane K. Gerken

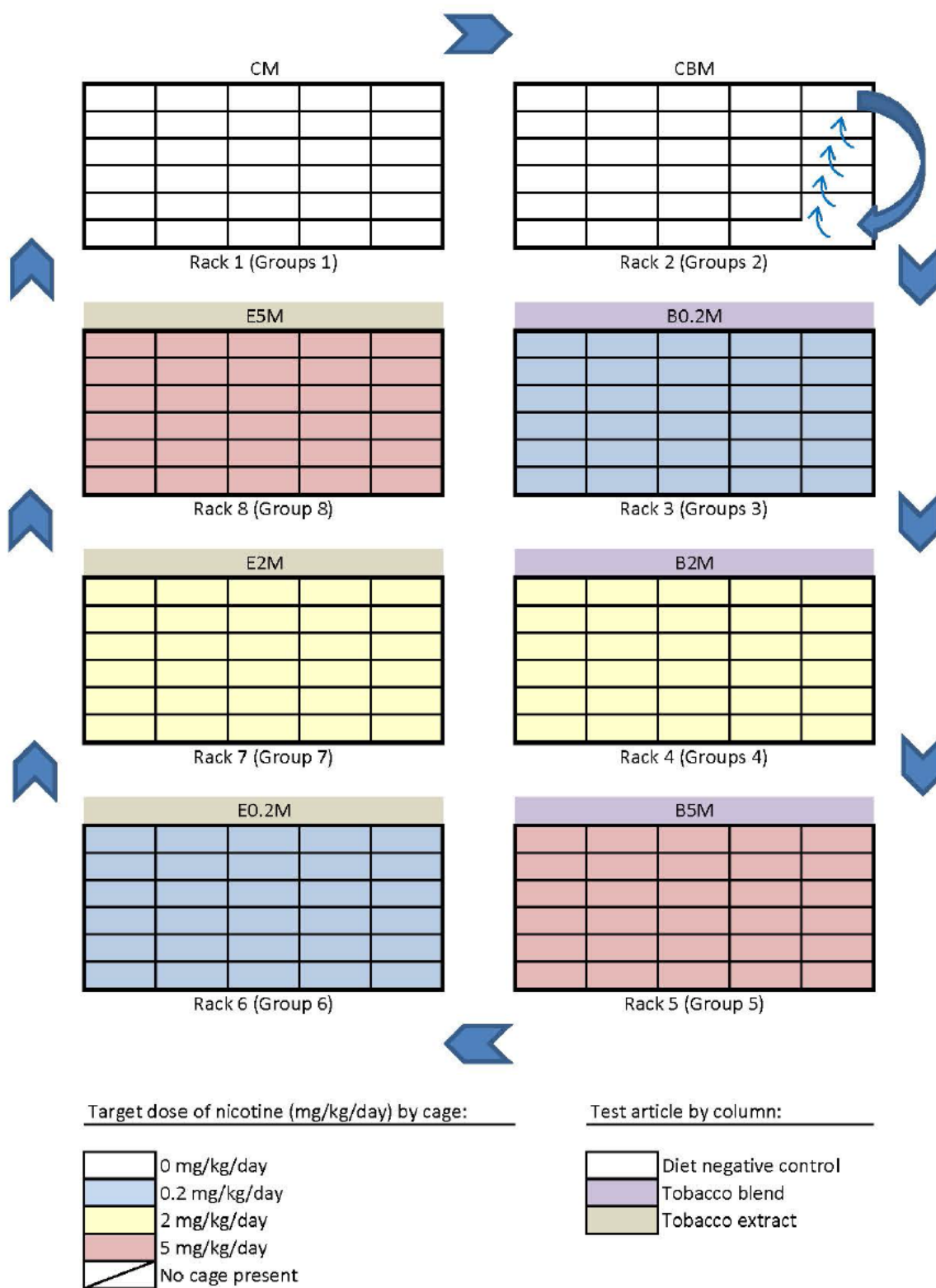


Figure 1. Rack and Cage Configuration and Rotation – Carcinogenicity Males (Room 7C-074)

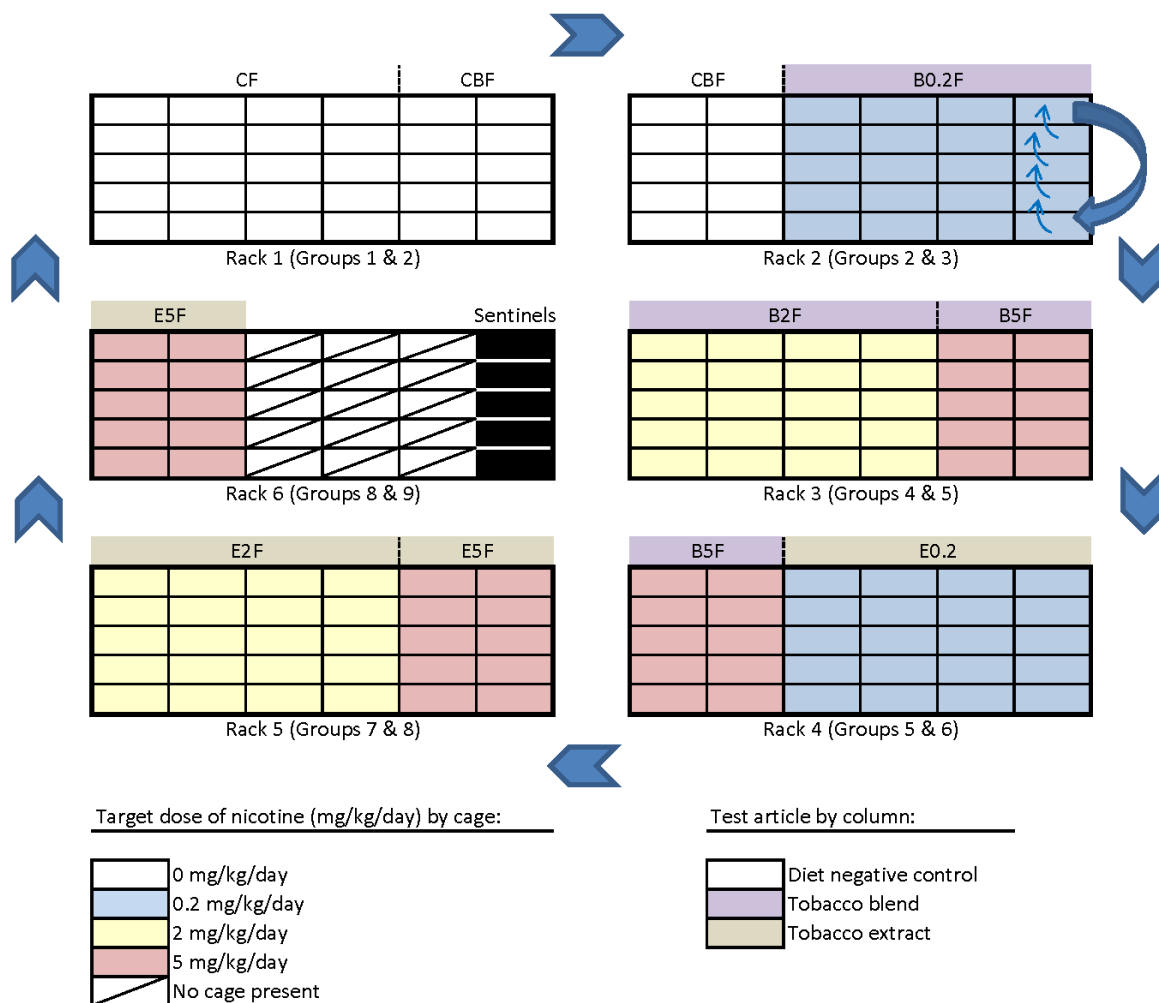


Figure 2. Rack and Cage Configuration and Rotation – Carcinogenicity Females (Room 7C-078)

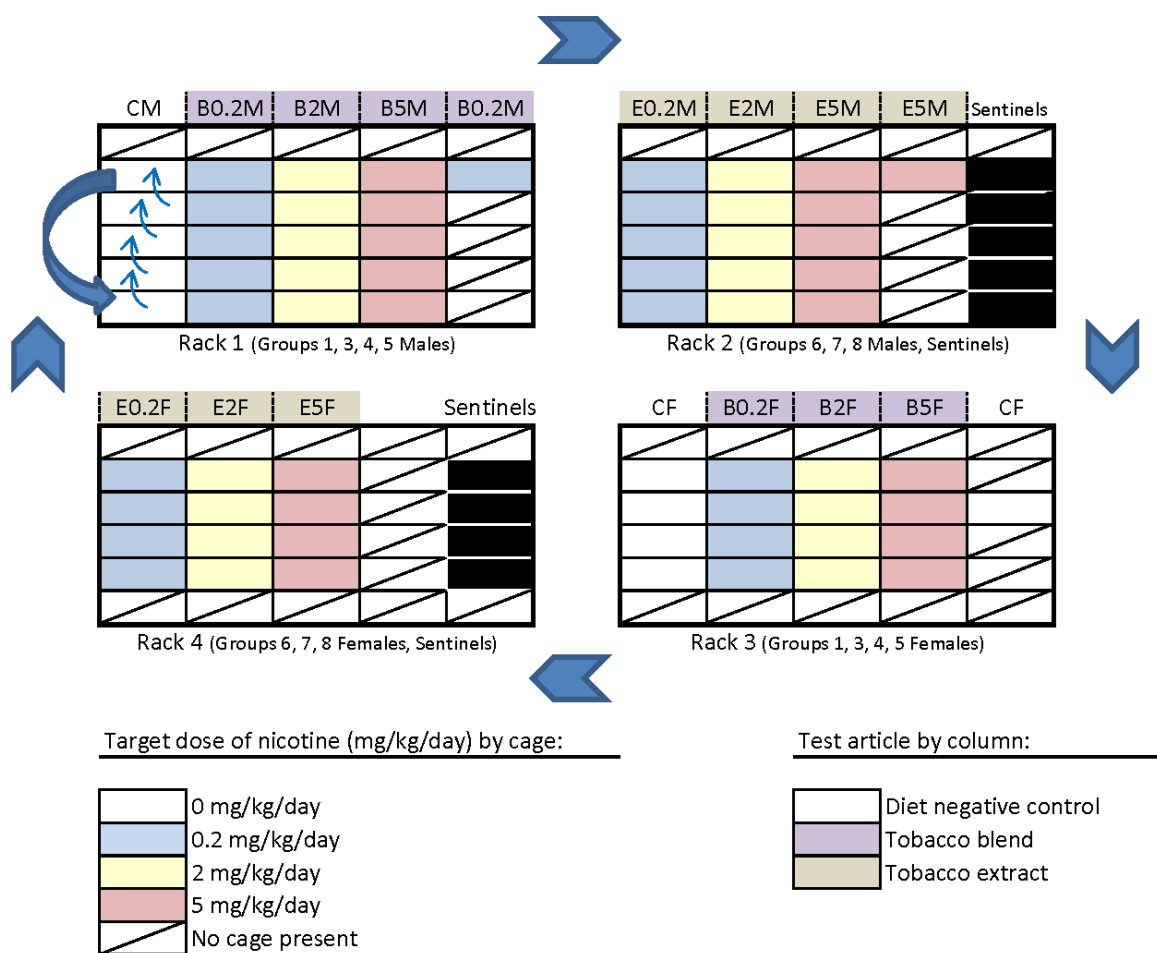


Figure 3. Rack and Cage Configuration and Rotation – TK Males and Females (Room 7C-076)

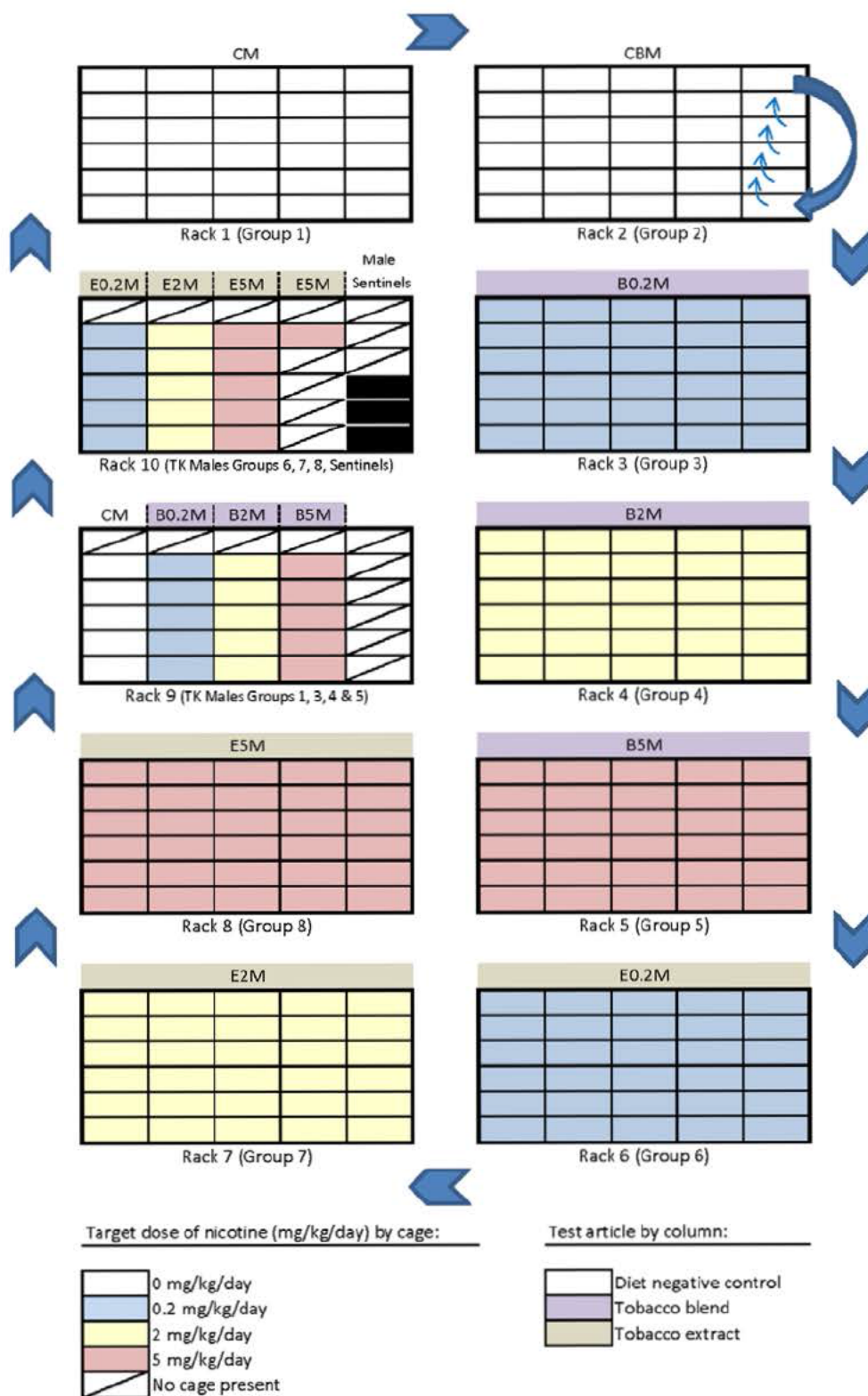


Figure 4. Rack and Cage Configuration and Rotation – Carcinogenicity and TK Males (Rooms 7-2-007 and 7-2-009)

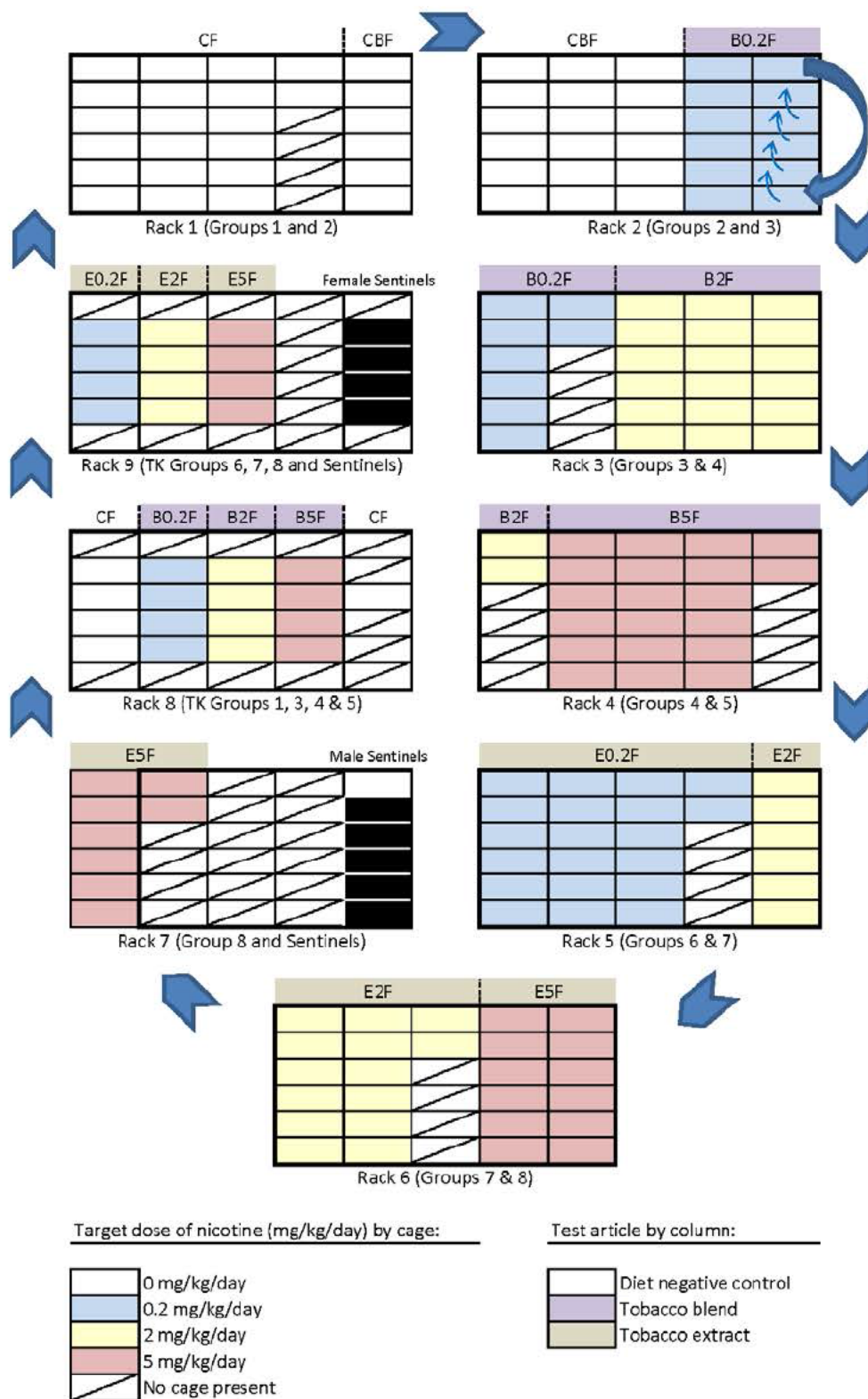


Figure 5. Rack and Cage Configuration and Rotation – Carcinogenicity and TK Females (Rooms 7-2-040 and 7-2-042)

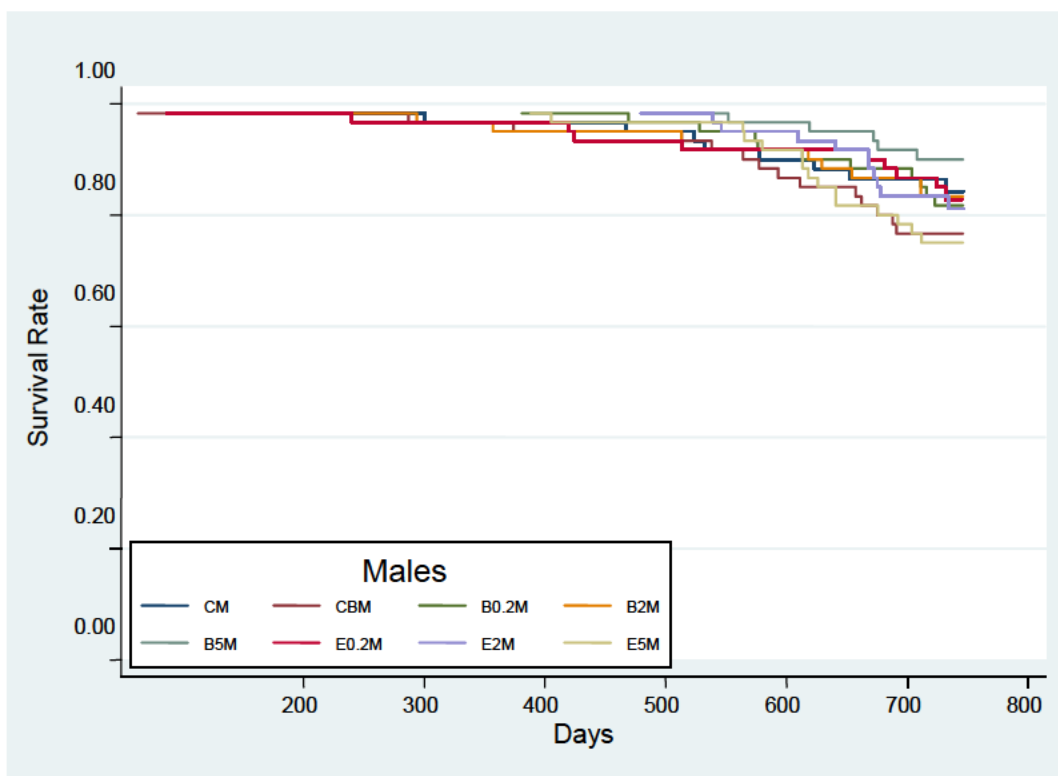


Figure 6. Kaplan-Meier Survival Estimates Associated with Time to Death (Days) – Males

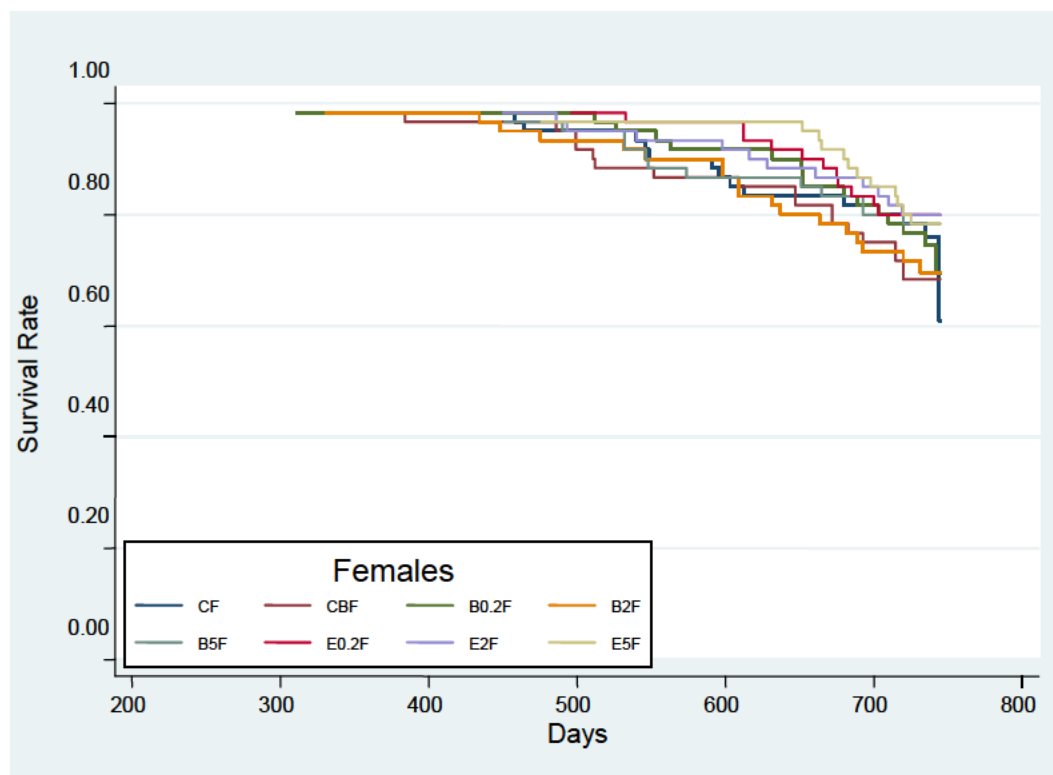


Figure 7. Kaplan-Meier Survival Estimates Associated with Time to Death (Days) – Females

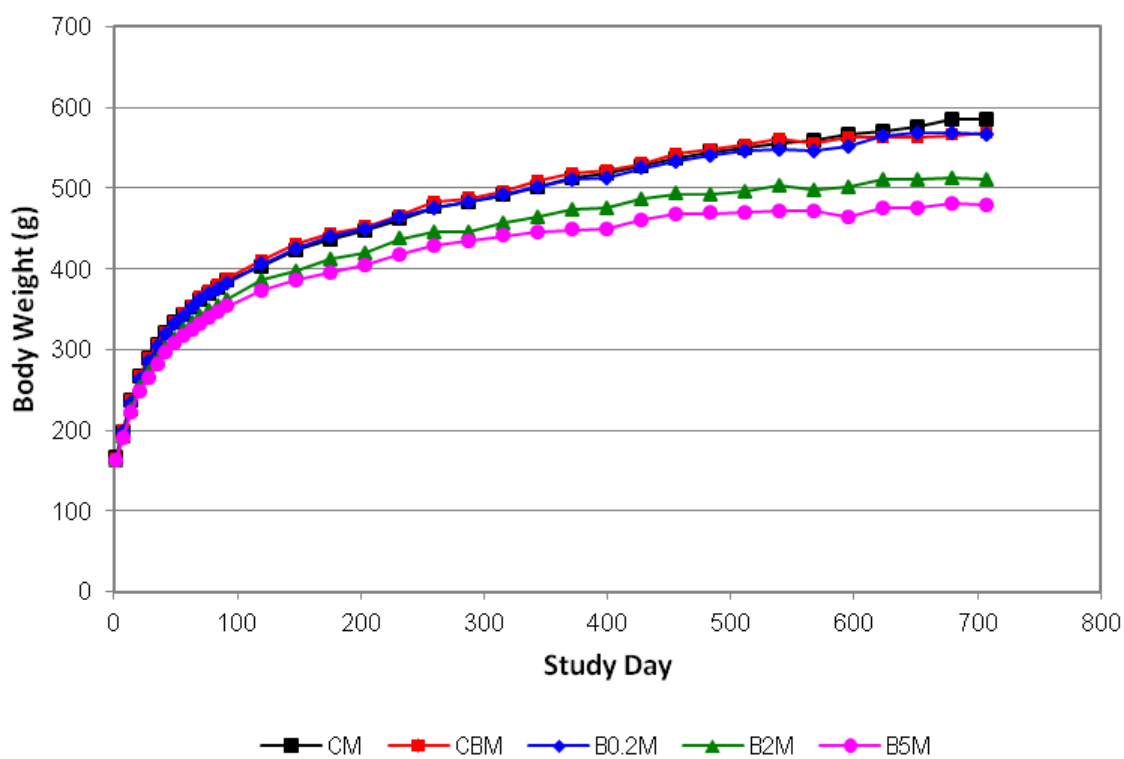


Figure 8. Group Mean Absolute Body Weight (g) Tobacco Blend – Males

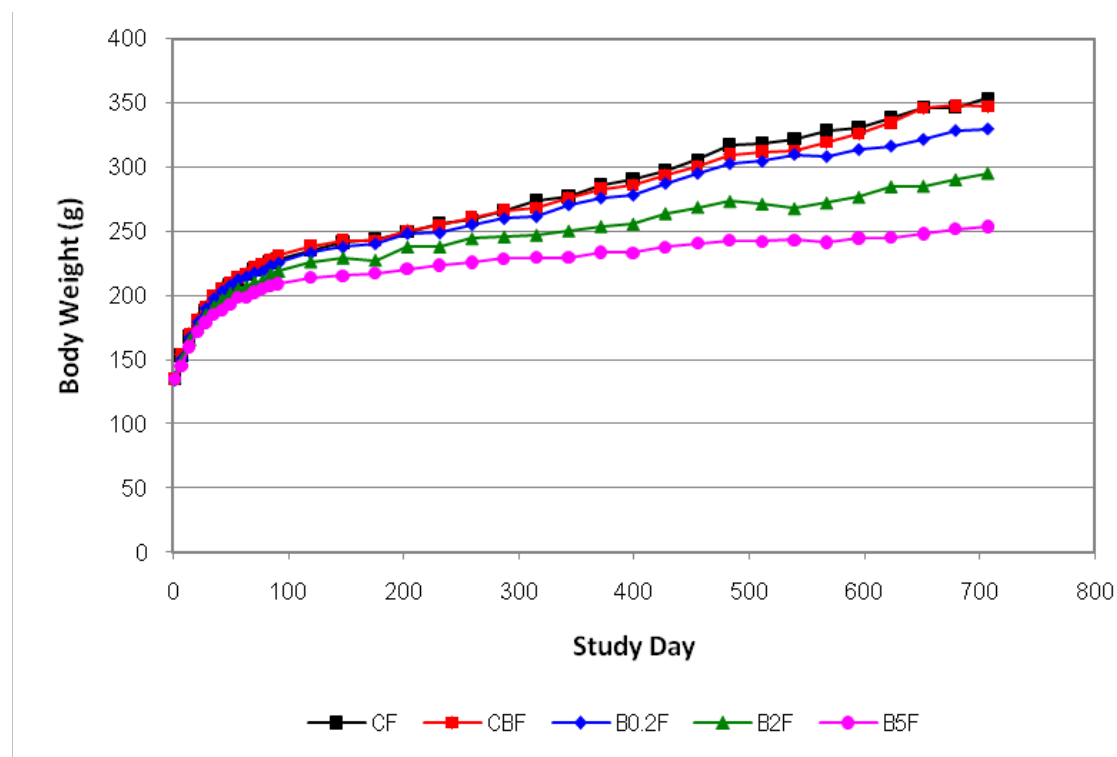


Figure 9. Group Mean Absolute Body Weight (g) Tobacco Blend – Females

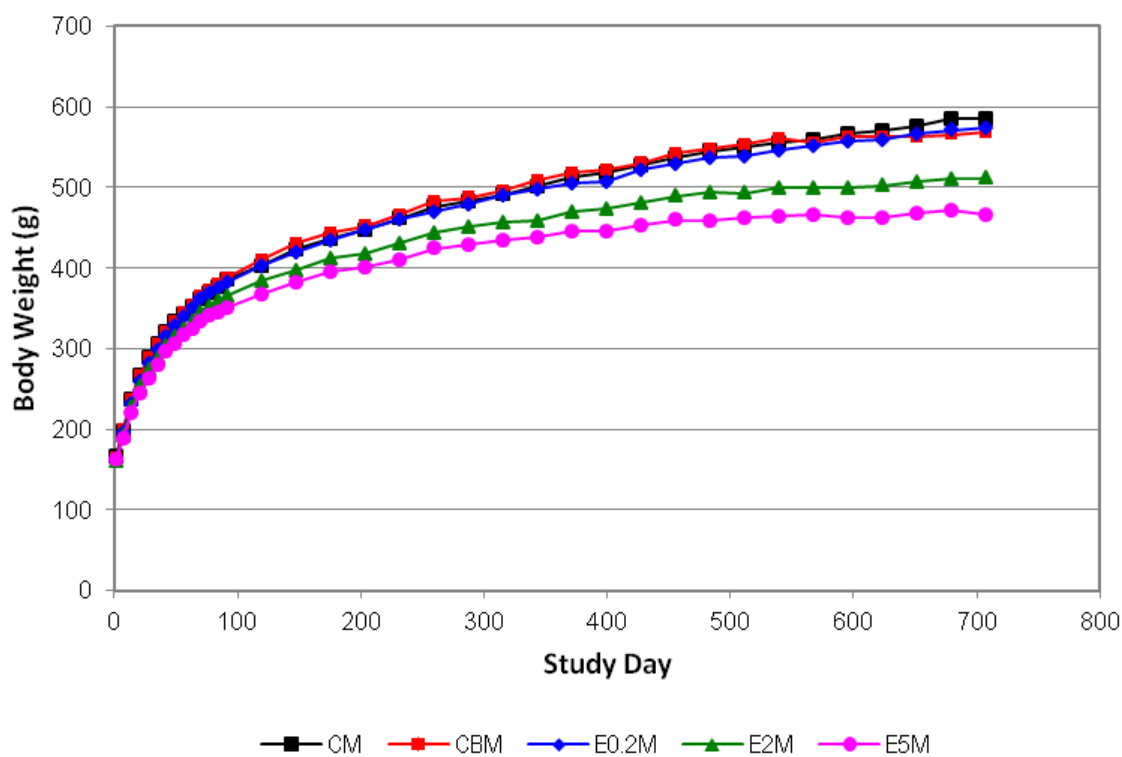


Figure 10. Group Mean Absolute Body Weight (g) Tobacco Extract – Males

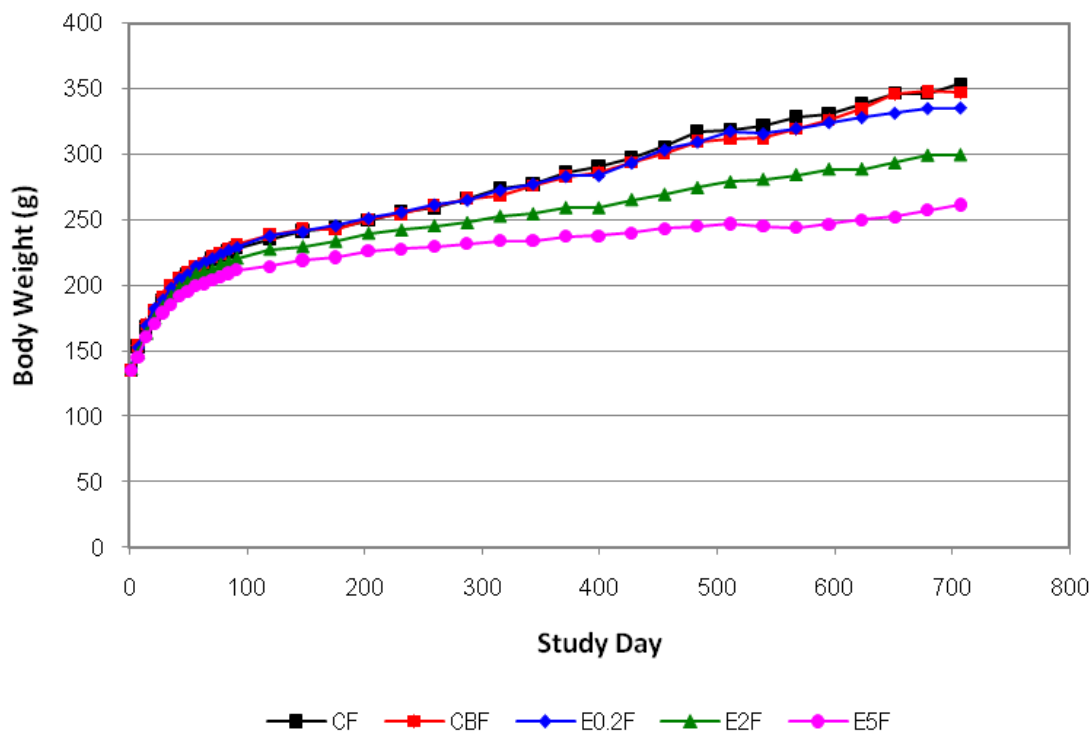


Figure 11. Group Mean Absolute Body Weight (g) Tobacco Extract – Females

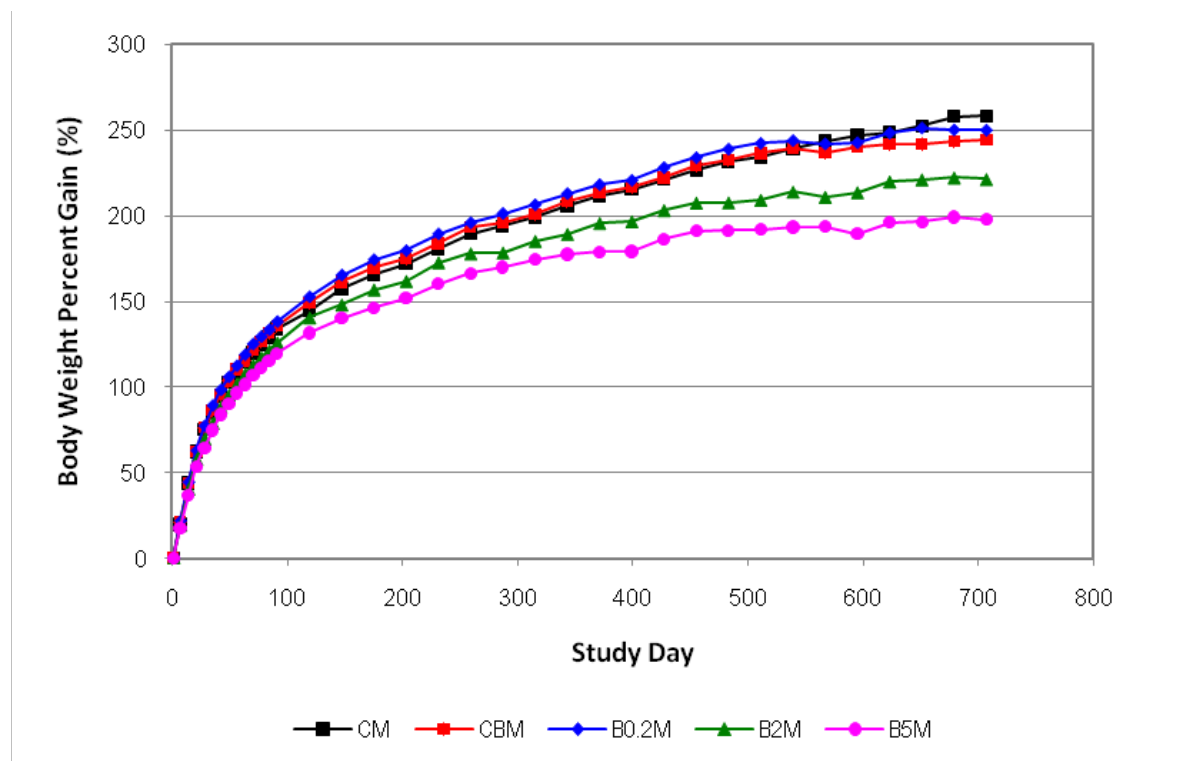


Figure 12. Group Mean Percent Body Weight Gain (%) Tobacco Blend – Males

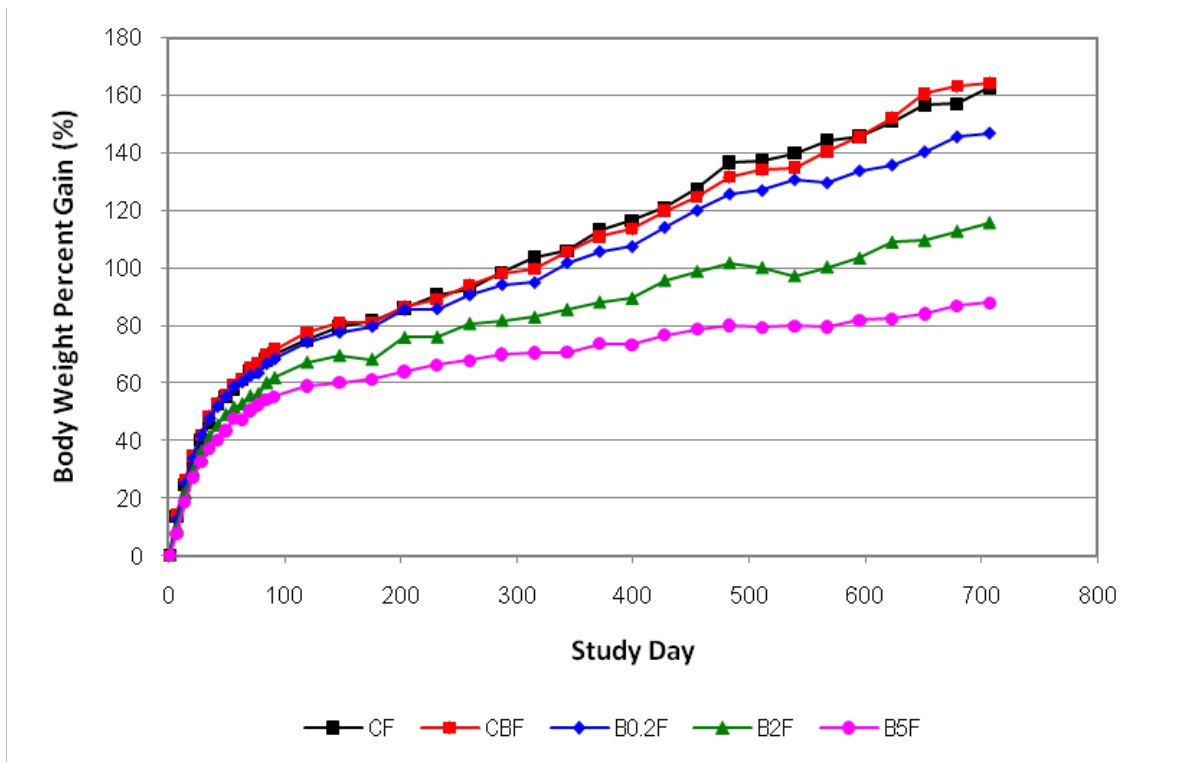


Figure 13. Group Mean Percent Body Weight Gain (%) Tobacco Blend – Females

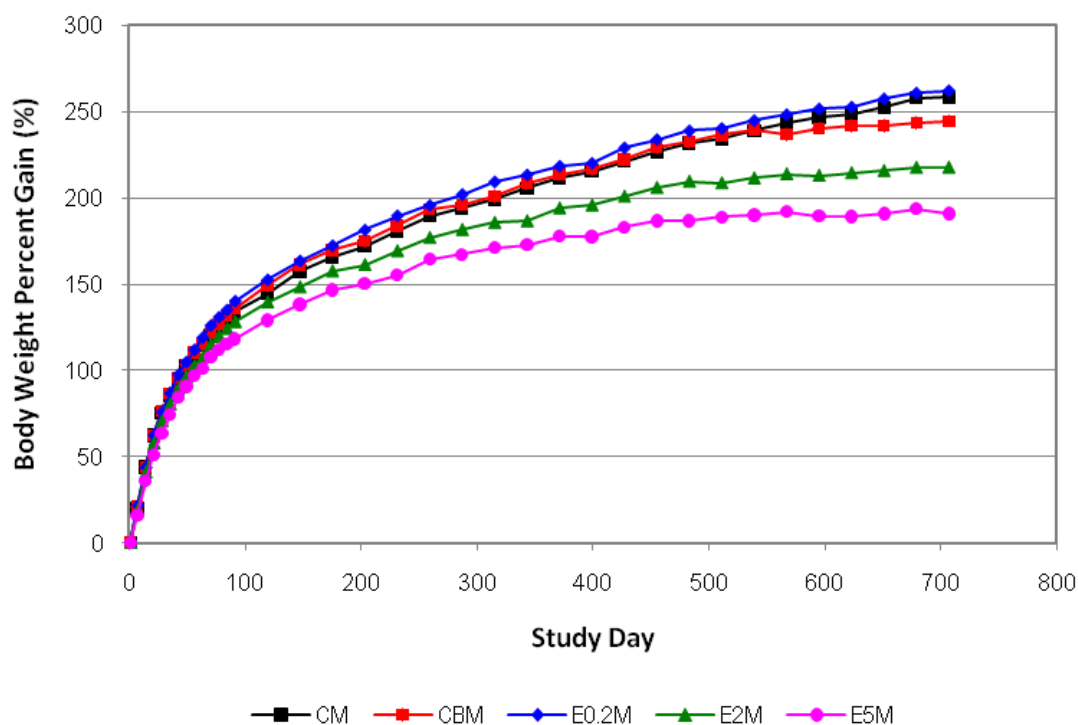


Figure 14. Group Mean Percent Body Weight Gain (%) Tobacco Extract – Males

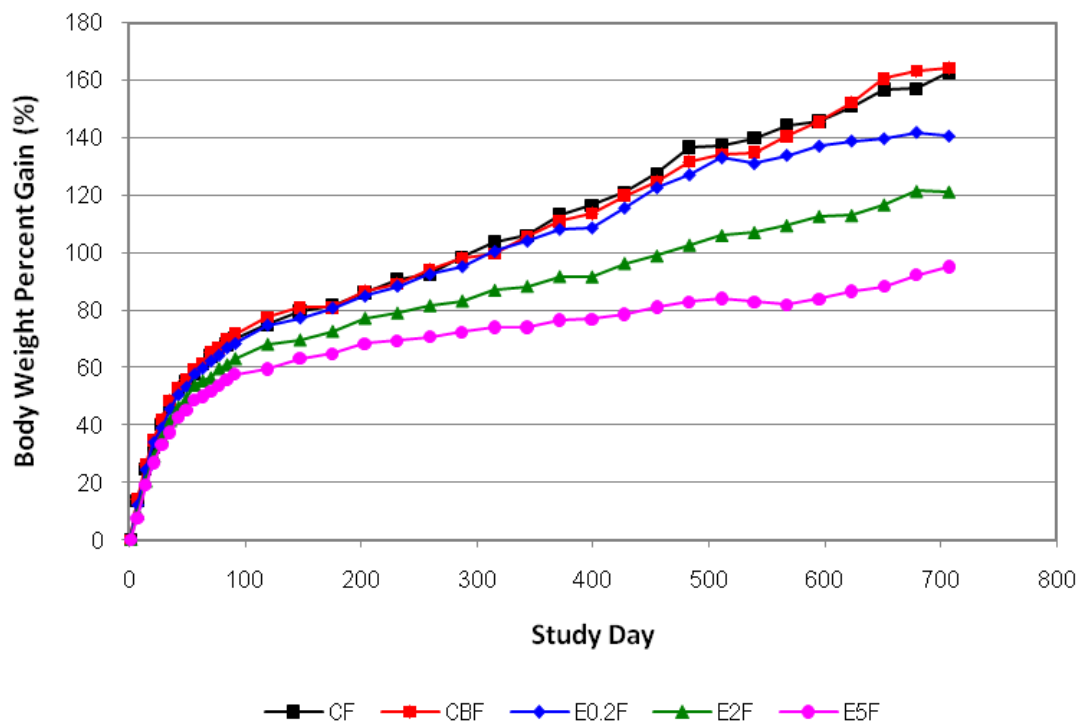


Figure 15. Group Mean Percent Body Weight Gain (%) Tobacco Extract – Females

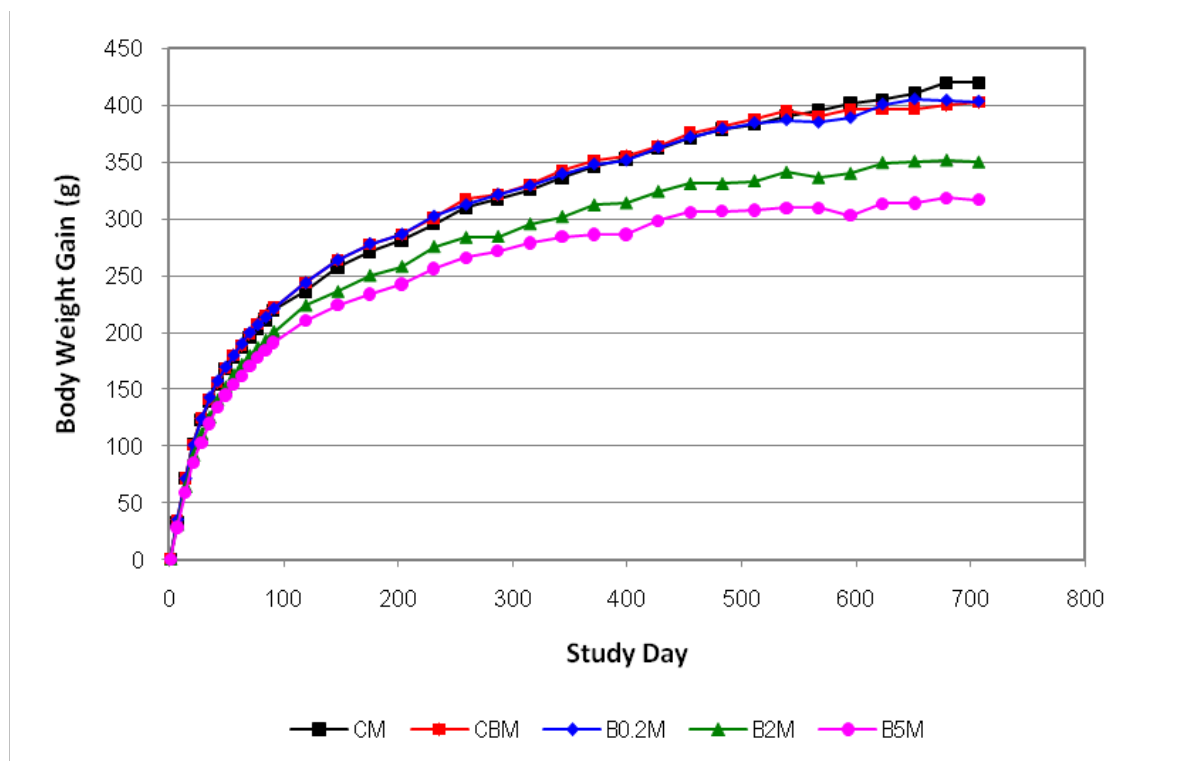


Figure 16. Group Mean Absolute Body Weight Gain (g) Tobacco Blend – Males

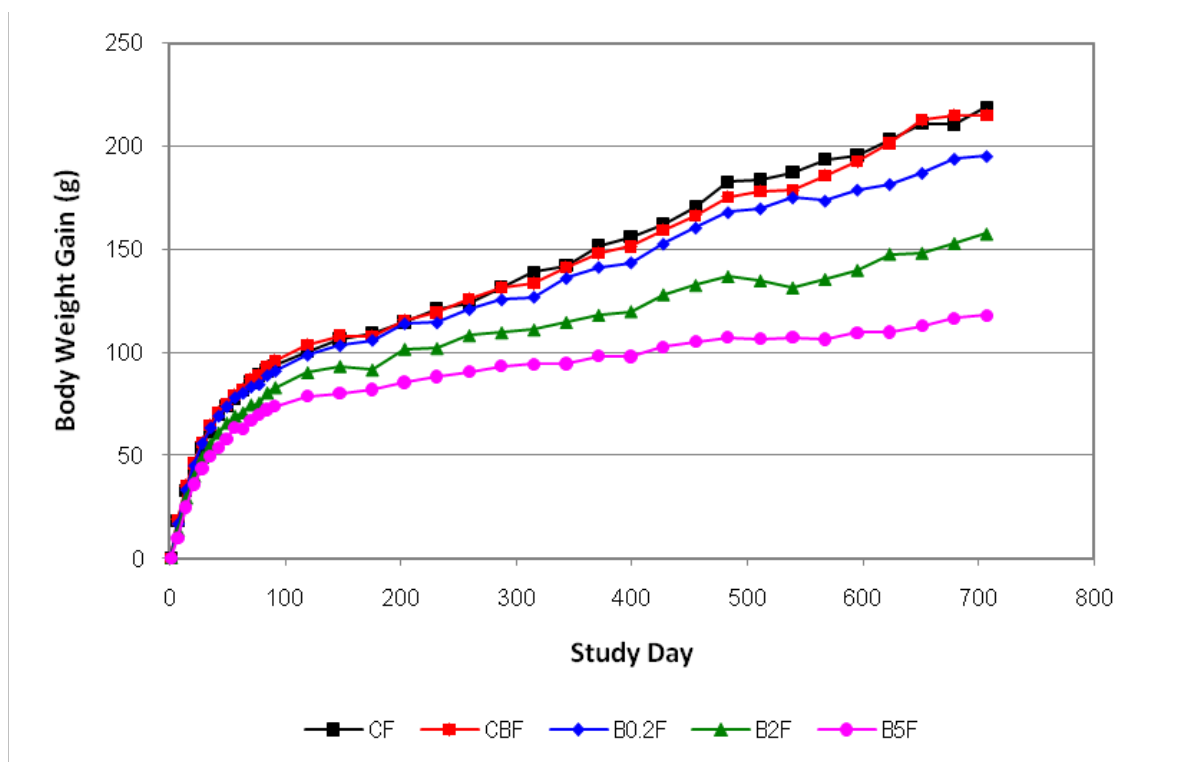


Figure 17. Group Mean Absolute Body Weight Gain (g) Tobacco Blend – Females

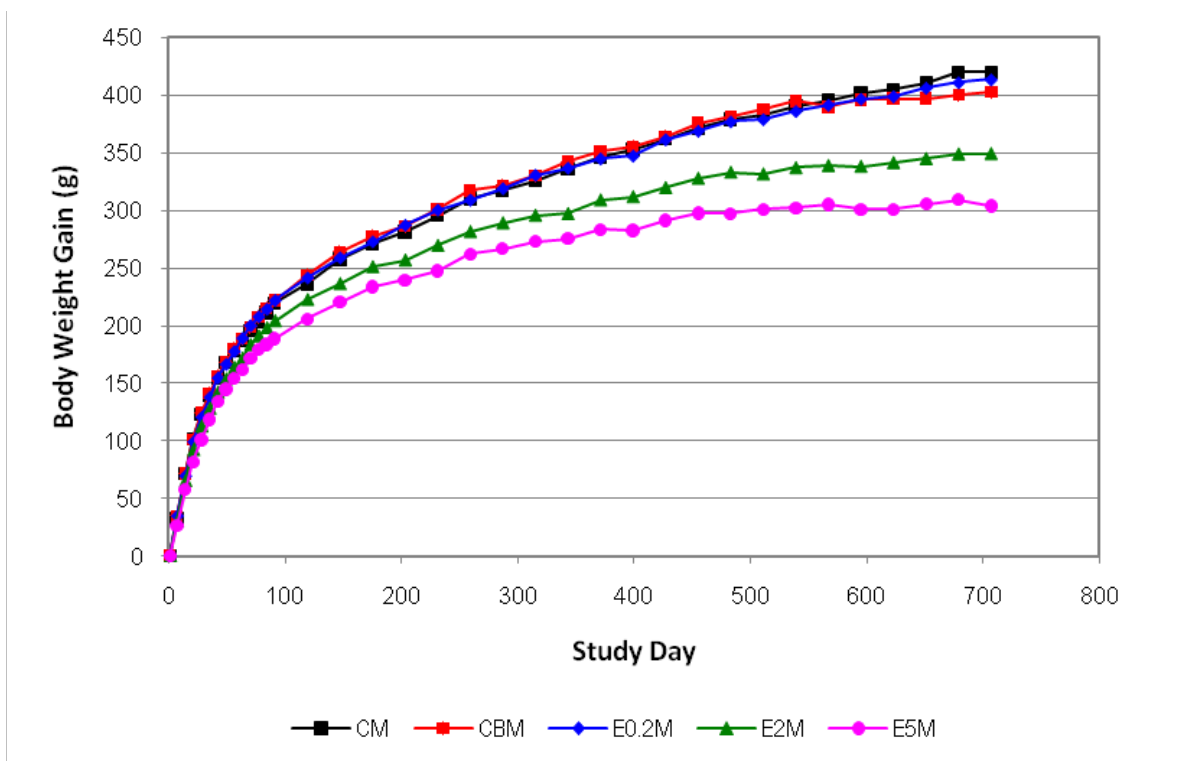


Figure 18. Group Mean Absolute Body Weight Gain (g) Tobacco Extract – Males

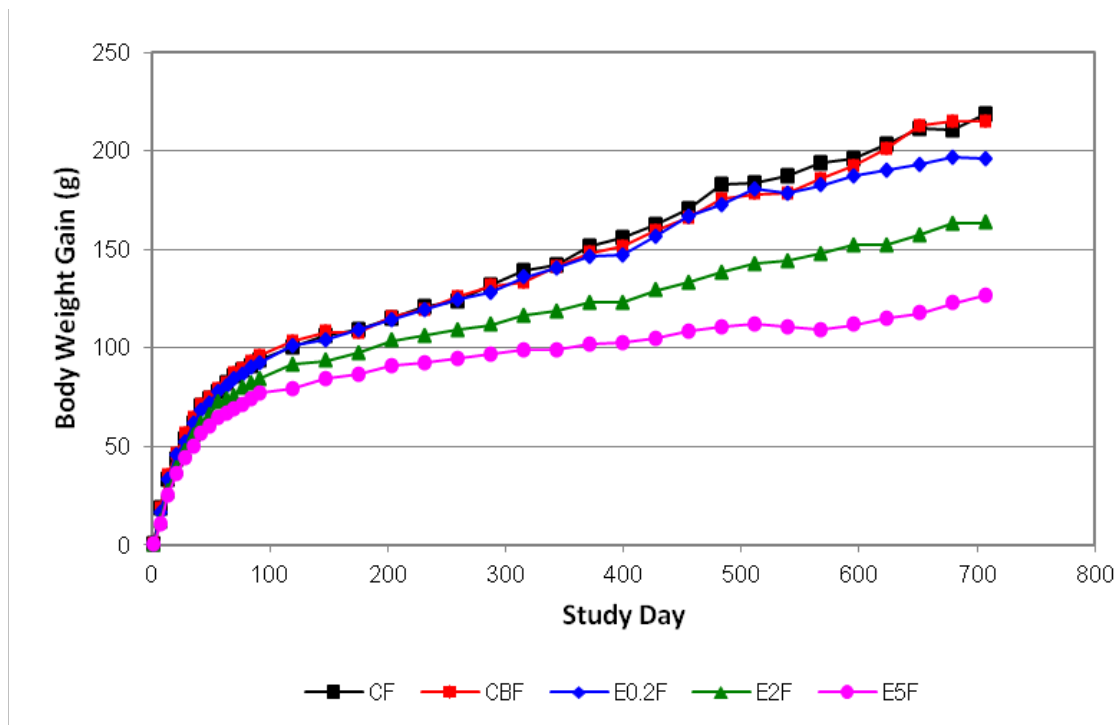


Figure 19. Group Mean Absolute Body Weight Gain (g) Tobacco Extract – Females

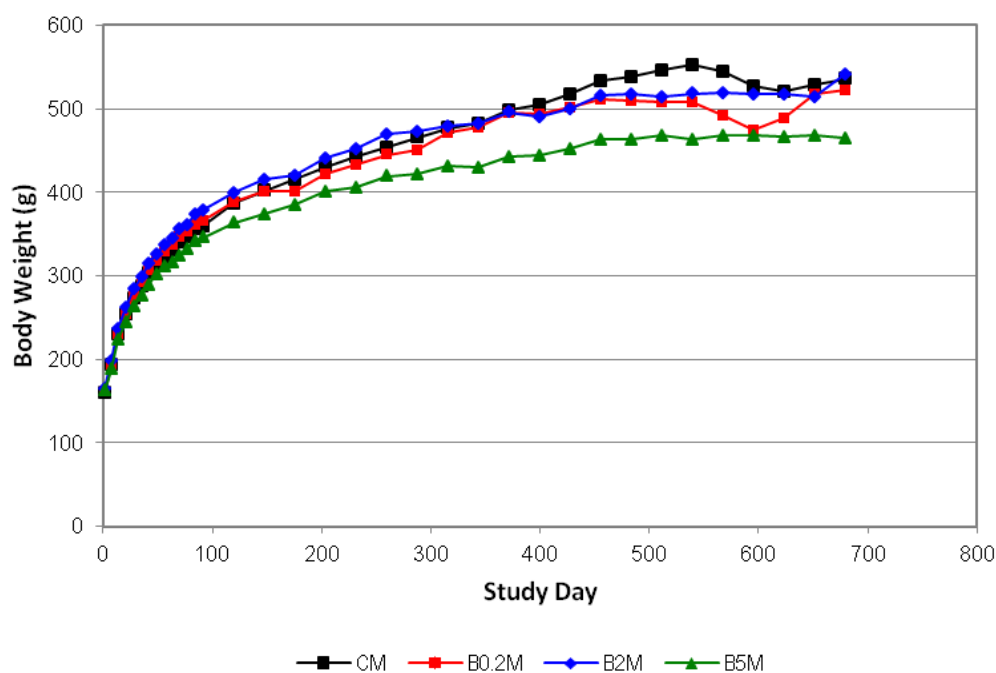


Figure 20. Group Mean Absolute Body Weight (g) Tobacco Blend – TK Males

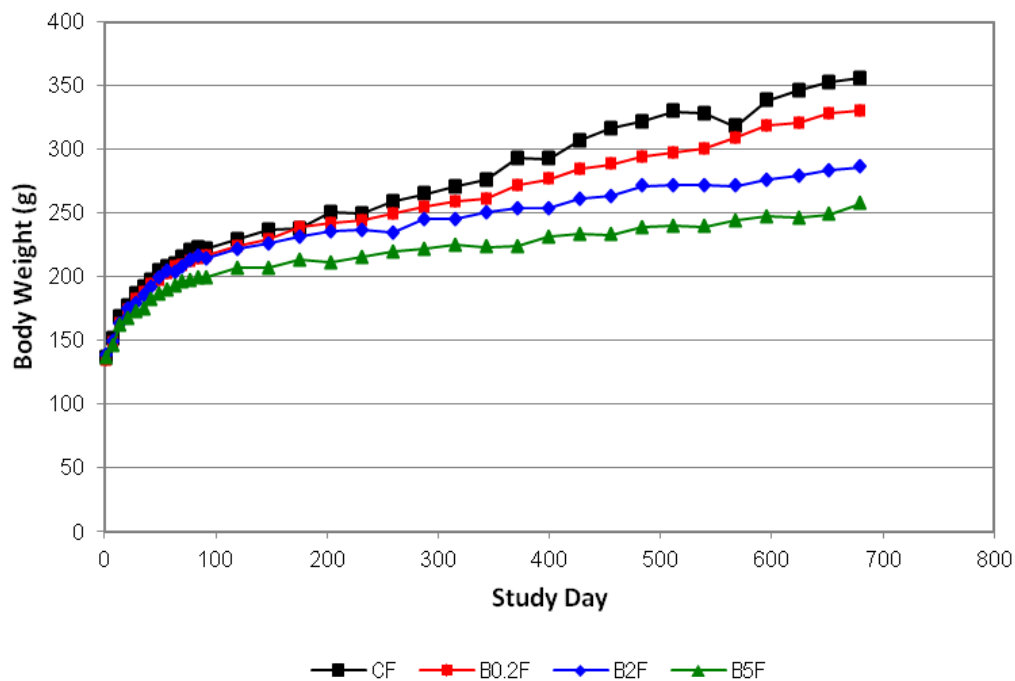


Figure 21. Group Mean Absolute Body Weight (g) Tobacco Blend – TK Females

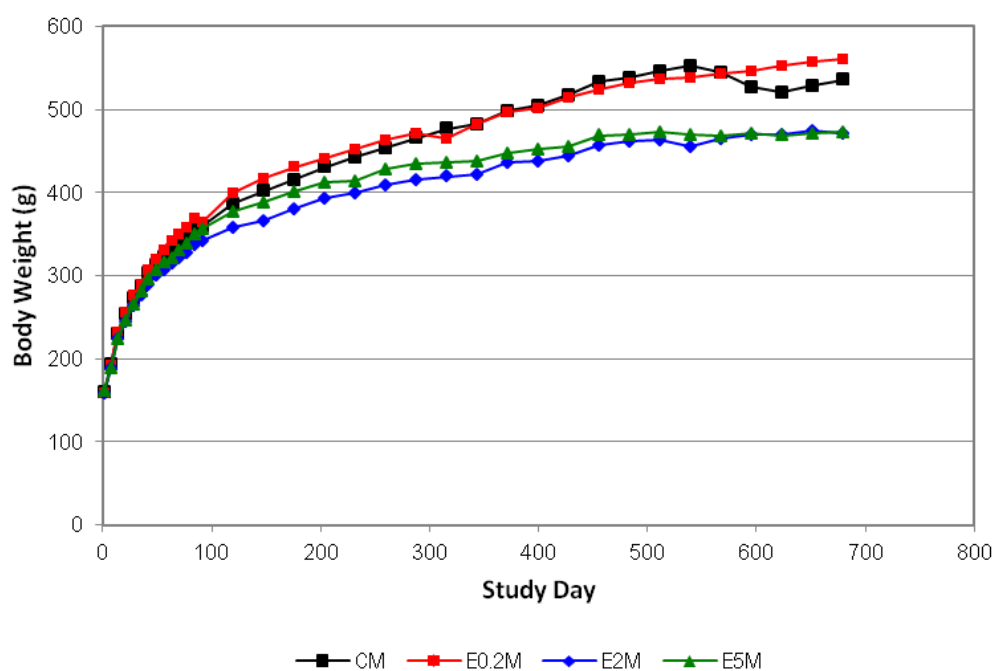


Figure 22. Group Mean Absolute Body Weight (g) Tobacco Extract – TK Males

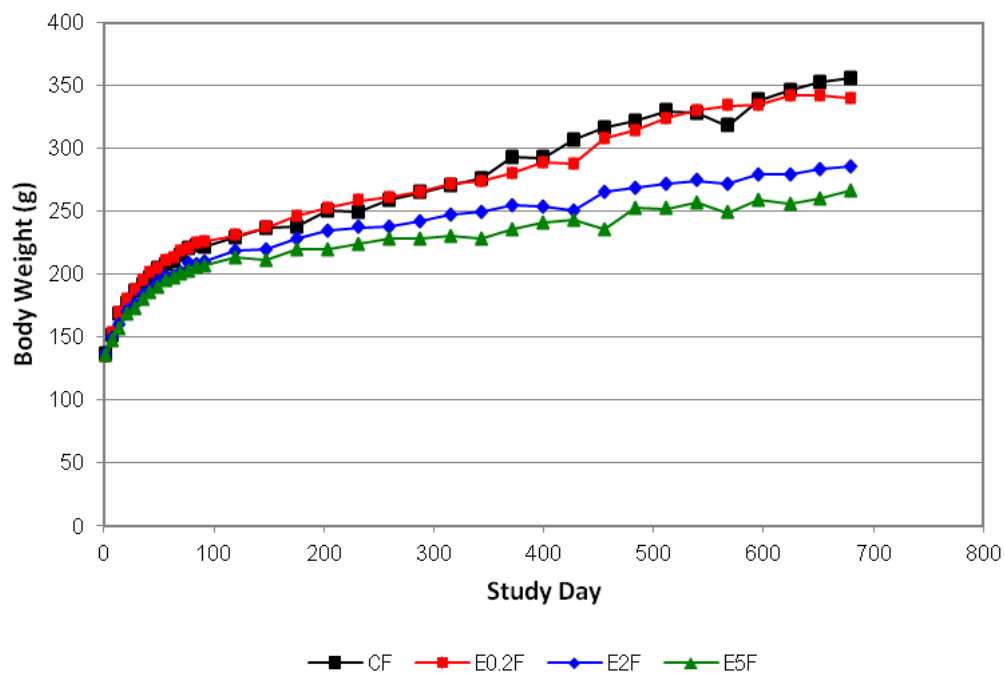


Figure 23. Group Mean Absolute Body Weight (g) Tobacco Extract – TK Females

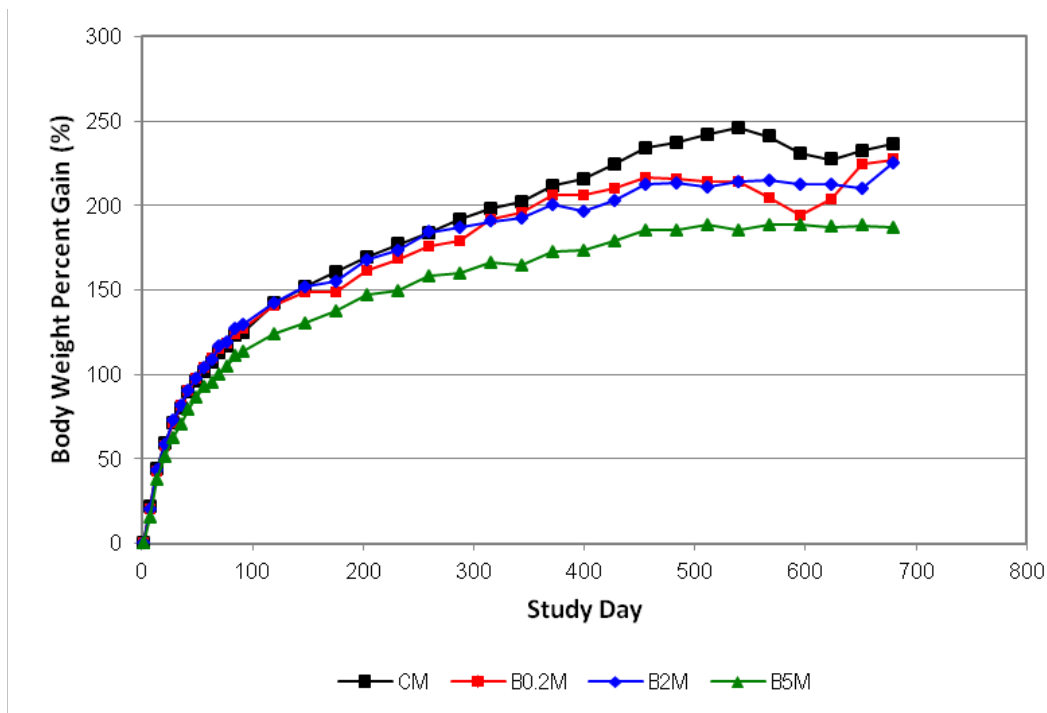


Figure 24. Group Mean Percent Body Weight Gain (%) Tobacco Blend – TK Males

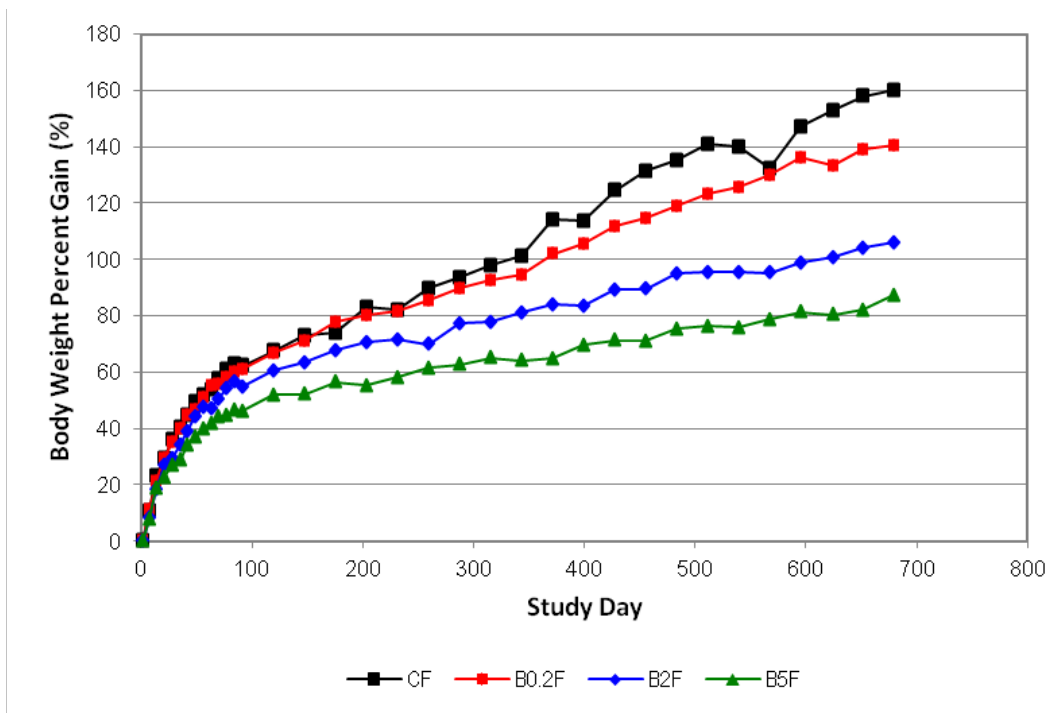


Figure 25. Group Mean Percent Body Weight Gain (%) Tobacco Blend – TK Females

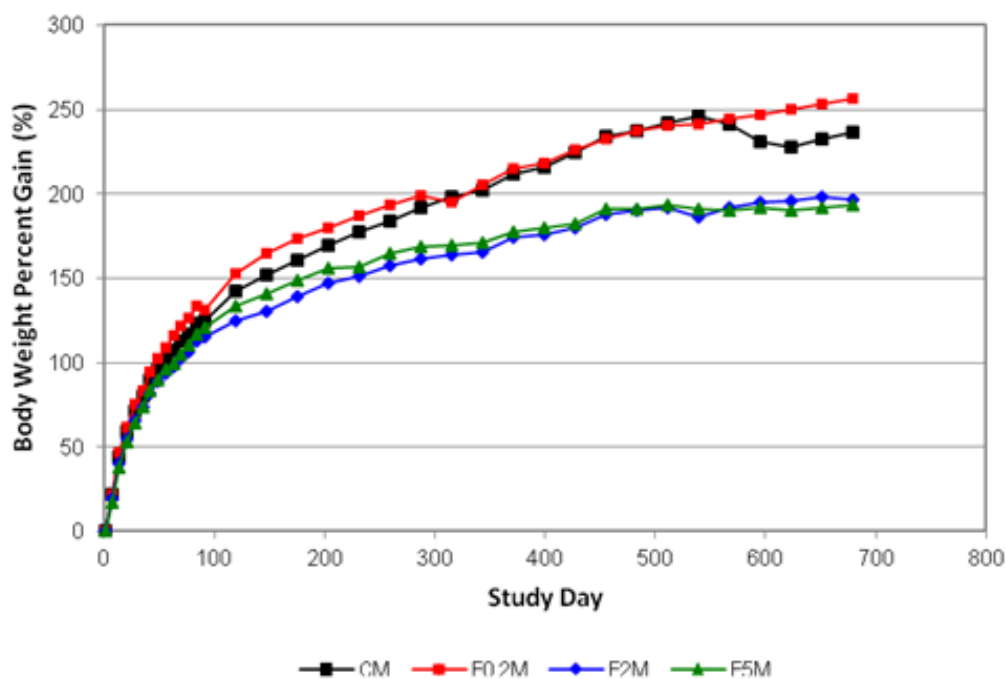


Figure 26. Group Mean Percent Body Weight Gain (%) Tobacco Extract – TK Males

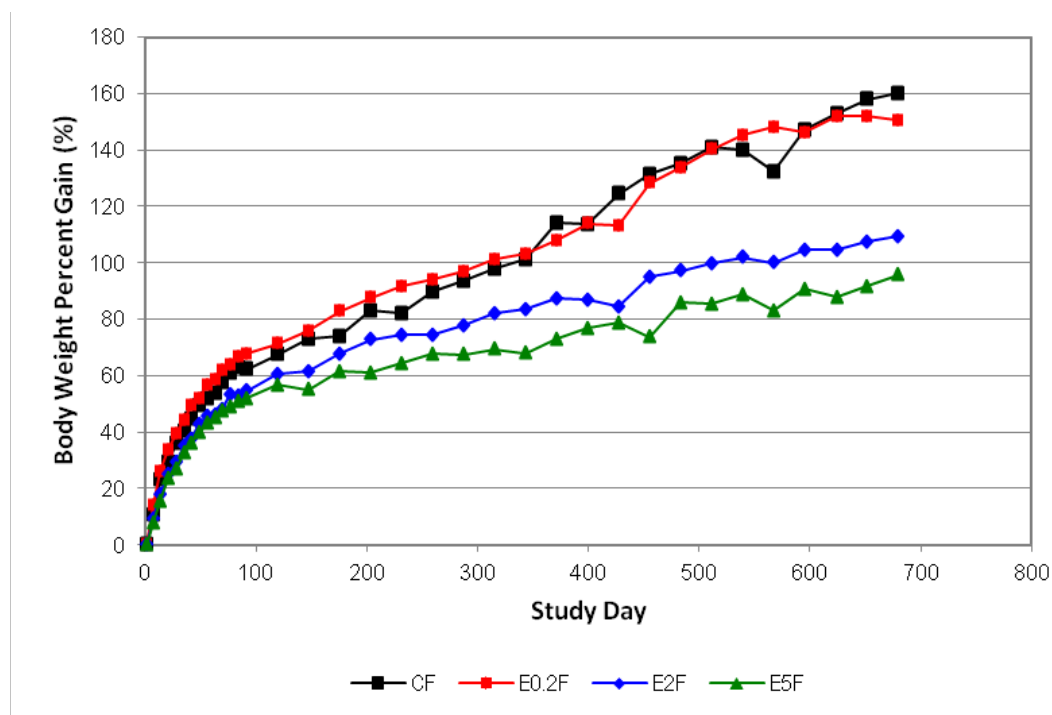


Figure 27. Group Mean Percent Body Weight Gain (%) Tobacco Extract – TK Females

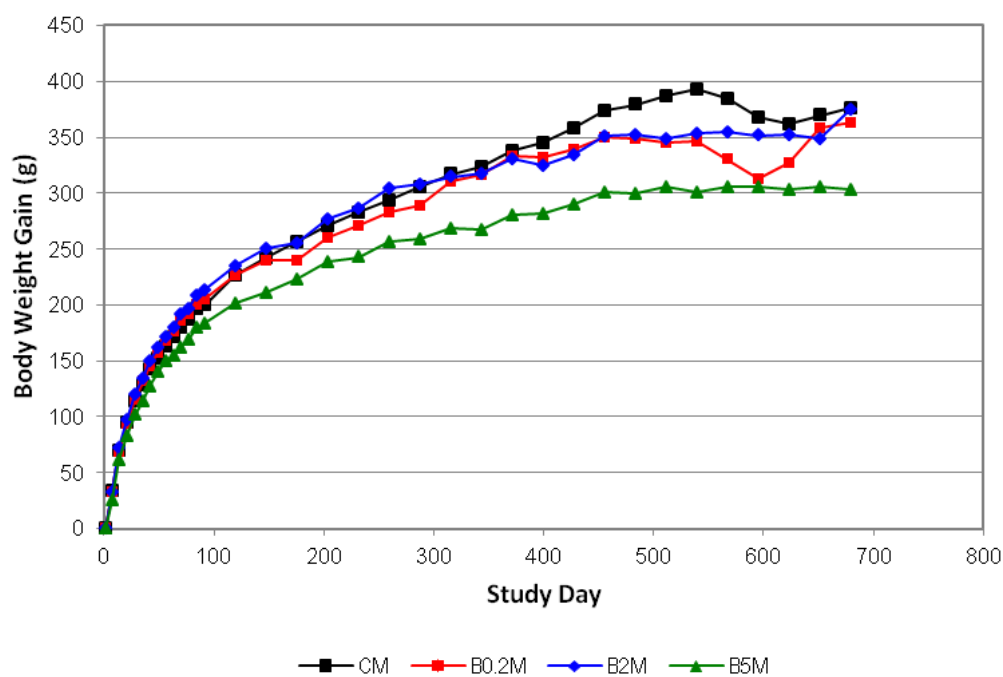


Figure 28. Group Mean Absolute Body Weight Gain (g) Tobacco Blend – TK Males

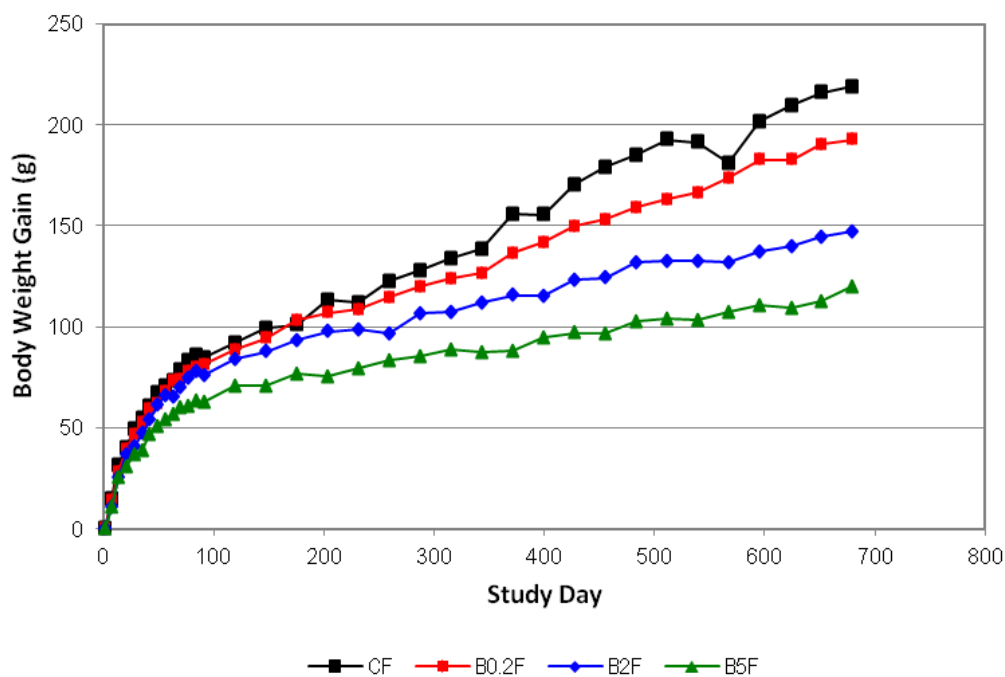


Figure 29. Group Mean Absolute Body Weight Gain (g) Tobacco Blend – TK Females

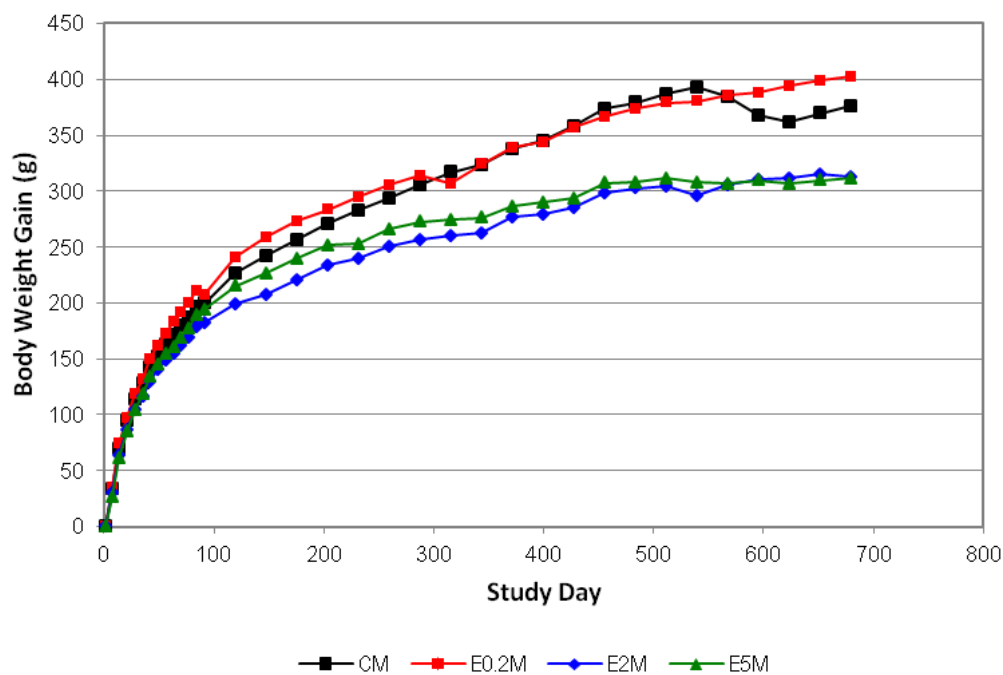


Figure 30. Group Mean Absolute Body Weight Gain (g) Tobacco Extract – TK Males

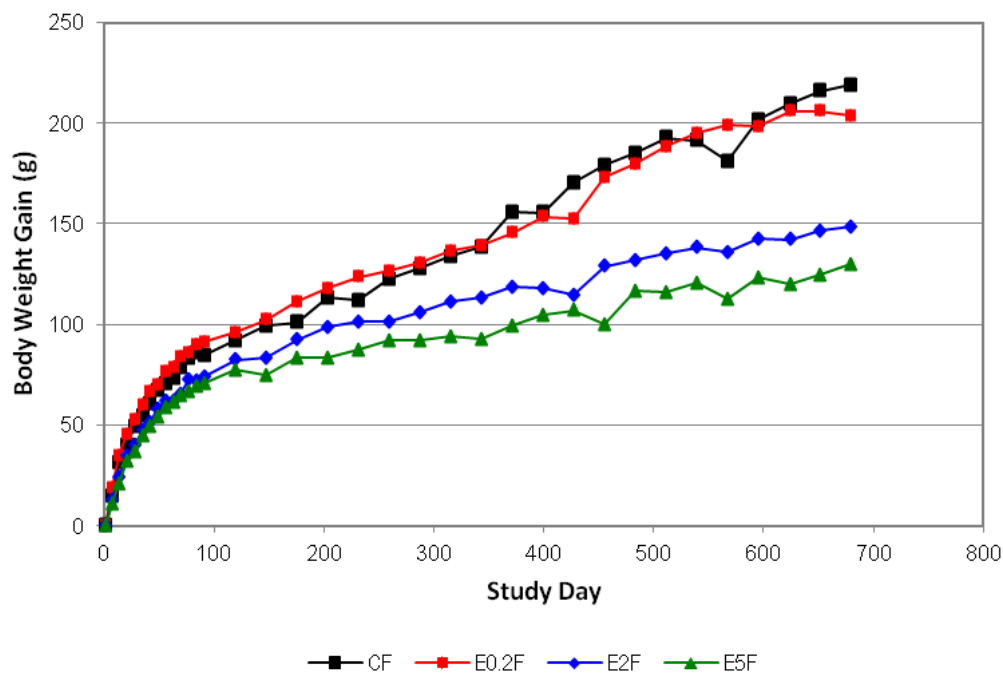


Figure 31. Group Mean Absolute Body Weight Gain (g) Tobacco Extract – TK Females

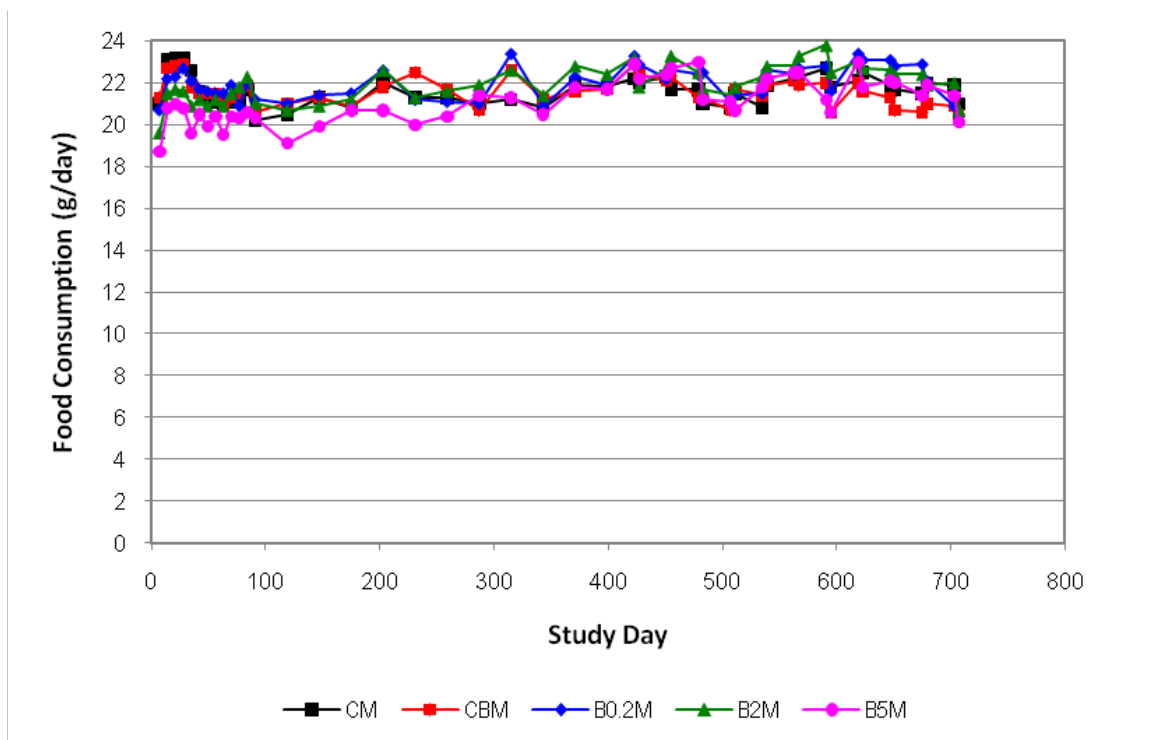


Figure 32. Group Mean Average Daily Food Consumption (g/day) Tobacco Blend – Males

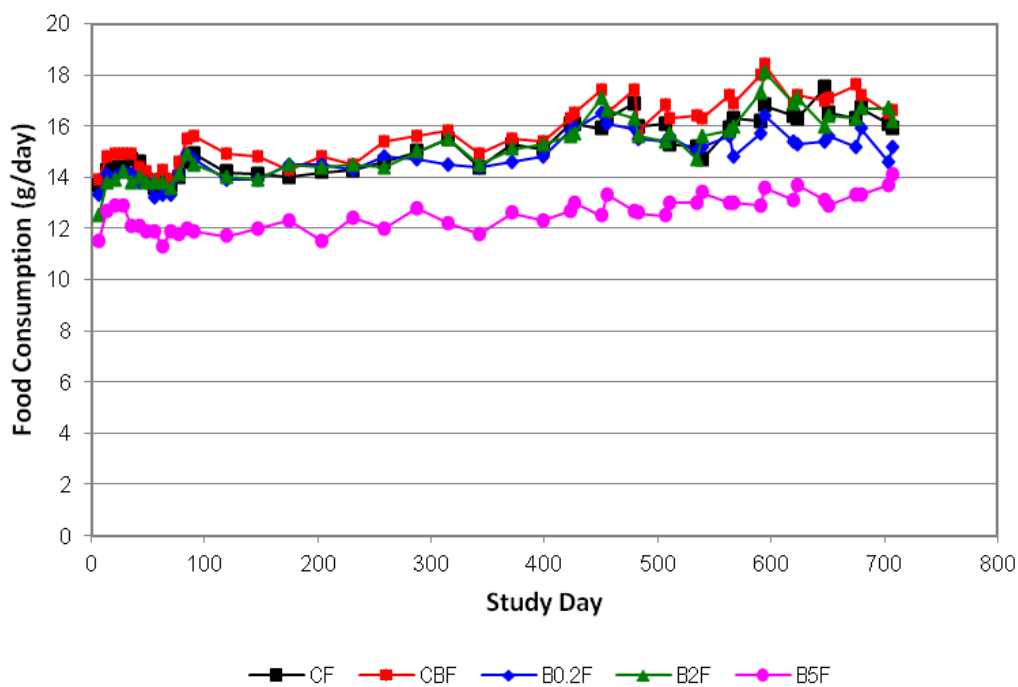


Figure 33. Group Mean Average Daily Food Consumption (g/day) Tobacco Blend – Females

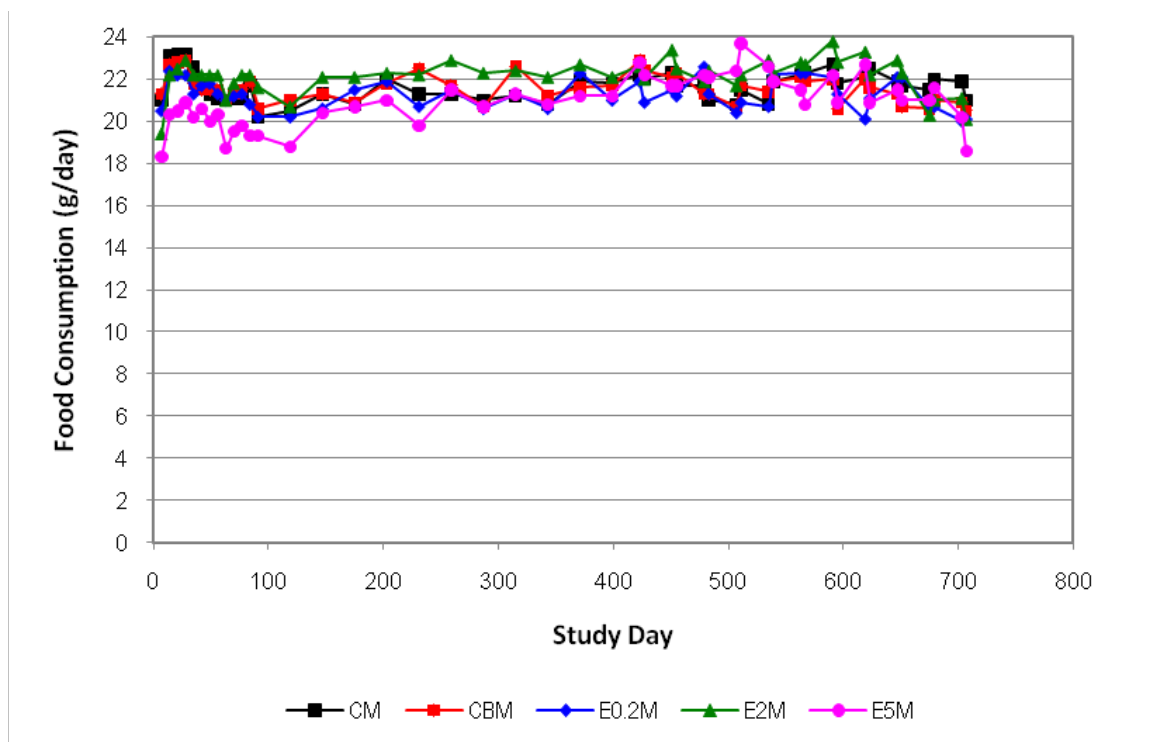


Figure 34. Group Mean Average Daily Food Consumption (g/day) Tobacco Extract – Males

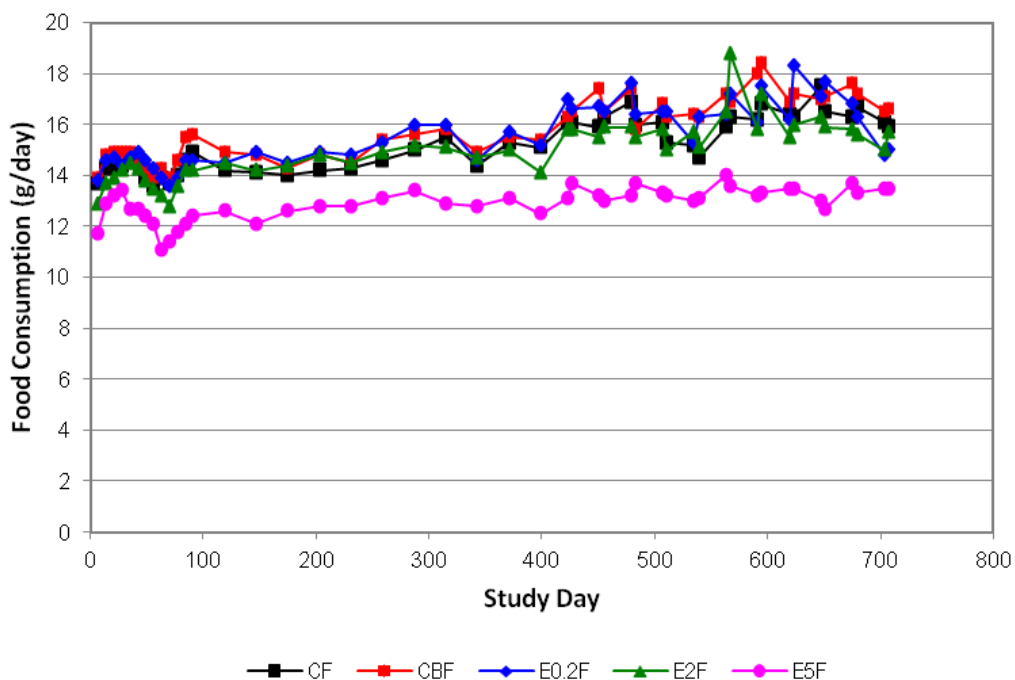


Figure 35. Group Mean Average Daily Food Consumption (g/day) Tobacco Extract – Females

Table 7. Group Summary of Clinical Abnormalities – Males

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
CM	Abrasion, Body Dorsal	2	518	616	17
	Abrasion, Body Lateral	3	469	737	31
	Abrasion, Body Ventral	1	287	287	1
	Abrasion, Foot	27	273	745	1099
	Abrasion, Genitalia	1	581	721	21
	Abrasion, Head	2	42	154	3
	Abrasion, Nose/Muzzle	1	525	539	3
	Abrasion, Shoulder	1	707	746	5
	Abrasion, Tail	4	259	745	56
	Alopecia, Body Dorsal	1	56	476	61
	Alopecia, Head	1	126	476	51
	Alopecia, Shoulder	1	133	140	2
	Eyes, Discharge, Red	4	14	735	53
	Hunched Posture	5	467	731	13
	Lethargic	4	467	731	5
	Pale	4	467	653	12
	Rough Coat	14	301	732	161
	Thin Appearance	6	467	731	22
	Ataxic (incoordination)	1	623	623	1
	Hindlimb Paralysis	1	212	212	1
	Hindlimb Weakness	2	212	732	2
	Labored Respiration	1	623	623	1
	Respiratory Sounds	1	623	623	1
	Swelling, Genitalia	1	560	574	3
	Swelling, Tail	1	539	574	6
	Tissue Mass, Body Ventral	2	280	308	3
	Tissue Mass, Tail	1	483	644	24
	Urine Stain	1	672	732	10

Table 7. Group Summary of Clinical Abnormalities – Males (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
CBM	Abrasion, Body Dorsal	5	224	739	83
	Abrasion, Body Lateral	2	525	672	32
	Abrasion, Body Ventral	1	553	593	7
	Abrasion, Foot	24	147	746	1135
	Abrasion, Head	3	105	399	16
	Abrasion, Neck	1	315	745	47
	Abrasion, Nose/Muzzle	1	427	469	7
	Abrasion, Shoulder	1	168	315	22
	Alopecia, Body Dorsal	2	14	126	6
	Alopecia, Body Lateral	2	77	728	133
	Alopecia, Forelimb	1	28	203	16
	Alopecia, Head	3	119	343	46
	Alopecia, Neck	1	140	315	26
	Alopecia, Shoulder	4	49	700	197
	Eyes, Discharge, Red	5	147	743	110
	Distended Abdomen	1	532	532	1
	Hunched Posture	4	513	657	4
	Lethargic	3	538	672	3
	Pale	6	538	739	22
	Rough Coat	10	287	691	61
	Thin Appearance	10	63	743	35
	Unresponsive	1	657	657	1
	Forelimb Weakness	1	315	343	5
	Limping	1	564	564	1
	Labored Respiration	3	287	657	3
	Respiratory Sounds	1	287	287	1
	Nasal Discharge, Red	1	538	538	1
	Swelling, Body Ventral	1	546	546	1
	Swelling, Foot	1	175	182	2

Table 7. Group Summary of Clinical Abnormalities – Males (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
CBM	Swelling, Hindlimb	1	560	564	2
	Tissue Mass, Body Dorsal	1	567	574	2
	Tissue Mass, Body Lateral	3	483	735	45
	Tissue Mass, Body Ventral	1	374	374	1
	Tissue Mass, Ear	1	511	611	16
	Tissue Mass, Genitalia	2	581	739	7
	Tissue Mass, Neck	1	483	574	14
B0.2M	Abrasion, Body Dorsal	3	245	609	25
	Abrasion, Body Ventral	1	273	308	6
	Abrasion, Foot	15	210	745	571
	Abrasion, Head	3	133	532	55
	Abrasion, Hindlimb	1	729	729	1
	Abrasion, Nose/Muzzle	2	420	729	9
	Alopecia, Body Dorsal	1	448	469	4
	Alopecia, Body Lateral	1	294	728	63
	Alopecia, Body Ventral	2	7	357	8
	Alopecia, Head	3	126	746	221
	Alopecia, Shoulder	2	7	728	35
	Gums, Reddened	1	704	704	1
	Excessive Salivation	1	704	704	1
	Eye Discharge, Red	2	399	716	21
	Hunched Posture	5	381	743	7
	Lethargic	2	613	716	2
	Pale	5	381	613	8
	Rough Coat	13	381	743	144
	Thin Appearance	8	381	743	10
	Laceration, Body Ventral	1	427	434	2
	Laceration, Tail	1	462	469	2
	Head Tilt	1	528	528	1

Table 7. Group Summary of Clinical Abnormalities – Males (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
B0.2M	Respiratory Sounds	1	567	574	2
	Nasal discharge, Red	4	497	704	6
	Swelling, Head	1	704	704	1
	Swelling, Nose/Muzzle	1	704	704	1
	Tissue Mass, Body Dorsal	2	518	711	22
	Tissue Mass, Body Lateral	1	560	576	4
	Tissue Mass, Body Ventral	1	245	252	2
	Ulceration, Tail	1	455	455	1
B2M	Abrasion, Body Dorsal	2	154	745	6
	Abrasion, Body Lateral	1	14	28	3
	Abrasion, Foot	8	483	743	325
	Abrasion, Head	2	728	743	4
	Abrasion, Tail	2	336	737	9
	Alopecia, Body Dorsal	1	175	737	81
	Alopecia, Body Lateral	3	210	731	126
	Alopecia, Body Ventral	4	7	737	234
	Alopecia, Eye Region	1	161	737	83
	Alopecia, Foot	1	182	737	80
	Alopecia, Forelimb	3	119	737	180
	Alopecia, Genitalia	1	497	731	35
	Alopecia, Head	4	14	737	172
	Alopecia, Hindlimb	2	126	737	125
	Alopecia, Nose/Muzzle	1	119	737	89
	Alopecia, Shoulder	2	112	745	164
	Reddened Ears	1	126	737	85
	Eye Discharge, Red	5	147	746	97
	Hunched Posture	4	294	618	9
	Lethargic	1	711	711	1
	Pale	2	497	618	9

Table 7. Group Summary of Clinical Abnormalities – Males (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
B2M	Rough Coat	8	294	728	108
	Thin Appearance	7	294	745	30
	Forelimb Paralysis	1	294	294	1
	Respiratory Sounds	1	711	711	1
	Nasal Discharge, Red	2	483	711	3
	Tissue Mass, Body Dorsal	1	745	745	1
	Tissue Mass, Body Ventral	3	210	448	6
B5M	Abrasion, Body Dorsal	2	560	735	10
	Abrasion, Body Lateral	1	739	739	1
	Abrasion, Foot	6	483	745	223
	Abrasion, Hindlimb	1	672	731	10
	Abrasion, Neck	1	490	534	8
	Abrasion, Shoulder	1	406	735	48
	Abrasion, Tail	1	737	737	1
	Alopecia, Body Lateral	1	399	728	48
	Alopecia, Body Ventral	2	182	728	129
	Alopecia, Forelimb	1	357	739	55
	Alopecia, Genitalia	1	168	676	74
	Alopecia, Head	3	210	676	96
	Alopecia, Hindlimb	2	175	534	47
	Alopecia, Neck	3	280	739	93
	Alopecia, Nose/Muzzle	1	532	534	2
	Alopecia, Shoulder	4	28	735	189
	Excessive Salivation	1	534	534	1
	Eye Opacity	1	560	737	26
	Eye Discharge, Red	1	532	534	2
	Hunched Posture	2	534	619	3
	Lethargic	1	672	672	1
	Pale	2	595	735	25

Table 7. Group Summary of Clinical Abnormalities – Males (Continued)

Group	Observation	Animals Affected	Observed		Total Number
			First Day	Last Day	
B5M	Rough Coat	5	534	735	35
	Thin Appearance	4	511	735	35
	Tissue Mass, Body Dorsal	1	630	728	15
	Tissue Mass, Body Lateral	2	546	739	12
	Tissue Mass, Body Ventral	1	357	364	2
	Tissue Mass, Head	1	686	737	8
	Tissue Mass, Neck	1	329	534	31
	Ulceration, Body Ventral	1	371	469	15
	Ulceration, Head	1	737	737	1
E0.2M	Abrasion, Body Dorsal	2	259	729	12
	Abrasion, Body Lateral	2	469	668	41
	Abrasion, Foot	18	140	745	1001
	Abrasion, Head	1	105	140	5
	Abrasion, Hindlimb	1	672	691	4
	Abrasion, Tail	1	743	743	1
	Alopecia, Forelimb	1	315	513	30
	Alopecia, Head	1	112	224	17
	Eye Trauma	1	721	732	3
	Eye Discharge, Red	2	448	560	26
	Hunched Posture	2	424	743	2
	Lethargic	4	240	743	5
	Pale	3	240	668	24
	Rough Coat	7	240	743	63
	Thin Appearance	4	420	743	7
	Laceration, Body Dorsal	1	413	420	2
	Hindlimb Paralysis	1	84	84	1
	Hindlimb Weakness	1	77	77	1
	Labored Respiration	1	240	240	1

Table 7. Group Summary of Clinical Abnormalities – Males (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
E0.2M	Swelling, Foot	2	147	731	101
	Swelling, Genitalia	1	691	691	1
	Tissue Mass, Body Lateral	2	728	743	4
	Tissue Mass, Body Ventral	2	245	329	6
	Tissue Mass, Head	1	728	737	2
	Tissue Mass, Nose/Muzzle	1	469	735	39
	Ulceration, Hindlimb	1	315	329	3
	Urogenital Region, Wet	1	672	691	4
E2M	Abrasion, Body Dorsal	3	343	743	116
	Abrasion, Body Lateral	3	217	743	35
	Abrasion, Eye Region	1	378	469	14
	Abrasion, Foot	9	476	745	348
	Abrasion, Head	3	70	343	60
	Abrasion, Shoulder	2	147	308	9
	Abrasion, Tail	1	504	735	34
	Alopecia, Body Dorsal	4	119	728	116
	Alopecia, Body Lateral	5	168	746	282
	Alopecia, Body Ventral	1	21	42	4
	Alopecia, Head	3	133	728	162
	Alopecia, Neck	1	322	728	59
	Alopecia, Shoulder	3	63	739	209
	Prolapsed Rectum	1	511	737	33
	Eye Discharge, Red	1	476	735	38
	Distended Abdomen	1	539	539	1
	Hunched Posture	2	539	609	5
	Lethargic	1	668	668	1
	Pale	3	539	743	40
	Rough Coat	12	479	739	122
	Thin Appearance	8	479	739	56

Table 7. Group Summary of Clinical Abnormalities – Males (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
E2M	Laceration, Body Dorsal	1	483	518	6
	Laceration, Foot	1	364	745	54
	Laceration, Shoulder	1	329	469	21
	Hindlimb Weakness	1	217	743	75
	Tissue Mass, Body Lateral	1	728	743	2
	Tissue Mass, Body Ventral	3	392	511	6
	Tissue Mass, Genitalia	1	462	539	12
	Tissue Mass, Head	1	651	668	4
	Tissue Mass, Neck	1	728	737	2
	Tissue Mass, Tail	1	511	511	1
E5M	Abrasion, Body Dorsal	1	728	729	2
	Abrasion, Body Ventral	1	399	469	11
	Abrasion, Eye Region	1	581	728	22
	Abrasion, Foot	3	504	745	144
	Abrasion, Hindlimb	1	728	729	2
	Abrasion, Tail	1	729	729	1
	Alopecia, Body Dorsal	2	231	613	67
	Alopecia, Body Lateral	3	196	743	132
	Alopecia, Body Ventral	1	315	613	44
	Alopecia, Forelimb	1	231	613	56
	Alopecia, Hindlimb	1	231	613	56
	Alopecia, Nose/Muzzle	1	231	613	56
	Alopecia, Shoulder	2	161	743	81
	Discoloration, Genitalia	1	532	613	13
	Eye Discharge, Red	9	28	739	95
	Hunched Posture	6	388	692	12
	Lethargic	3	388	712	3
	Pale	5	388	692	7
	Rough Coat	13	388	739	53

Table 7. Group Summary of Clinical Abnormalities – Males (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
E5M	Thin Appearance	10	560	731	44
	Hindlimb Weakness	1	399	405	2
	Labored Respiration	2	388	580	2
	Nasal Discharge, Clear	1	388	388	1
	Tissue Mass, Body Lateral	1	728	743	2
	Tissue Mass, Eye Region	2	476	574	15
	Tissue Mass, Nose/Muzzle	2	567	704	11

Table 8. Group Summary of Clinical Abnormalities – Females

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
CF	Abrasion, Body Dorsal	10	112	737	128
	Abrasion, Body Ventral	1	744	744	1
	Abrasion, Head	2	539	744	4
	Alopecia, Body Dorsal	19	161	743	839
	Alopecia, Body Lateral	2	98	743	162
	Alopecia, Body Ventral	1	231	743	73
	Alopecia, Eye Region	1	224	743	74
	Alopecia, Forelimb	2	203	743	155
	Alopecia, Head	3	98	728	131
	Alopecia, Hindlimb	1	532	743	30
	Alopecia, Nose/Muzzle	1	203	743	77
	Alopecia, Shoulder	1	294	686	57
	Malocclusion	1	693	731	7
	Eye Trauma	2	672	745	4
	Eye Discharge, Red	4	399	737	88
	Hunched Posture	4	400	612	5
	Lethargic	2	596	720	2
	Pale	7	400	720	11
	Rough Coat	6	458	703	18
	Thin Appearance	8	458	703	19
	Forelimb Paralysis	1	595	596	2
	Vaginal Discharge, Red	2	504	553	2
	Labored Respiration	3	540	735	3
	Nasal Discharge, Clear	1	735	735	1
	Nasal Discharge, Red	2	703	735	2
	Swelling, Body Ventral	1	458	458	1
	Swelling, Nose/Muzzle	1	693	707	3
	Tissue Mass, Body Dorsal	1	560	728	8
	Tissue Mass, Body Lateral	4	308	741	92

Table 8. Group Summary of Clinical Abnormalities – Females (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
CF	Tissue Mass, Body Ventral	5	280	743	105
	Tissue Mass, Neck	2	385	728	13
	Tissue Mass, Nose/Muzzle	1	693	737	7
	Ulceration, Neck	1	399	400	2
	Urogenital Region, Wet	1	735	735	1
	Urine Stain	1	735	735	1
CBF	Abrasion, Body Dorsal	7	49	737	121
	Abrasion, Foot	1	546	609	10
	Abrasion, Head	8	70	665	62
	Abrasion, Hindlimb	1	658	672	3
	Abrasion, Nose/Muzzle	1	735	735	1
	Alopecia, Body Dorsal	20	182	737	749
	Alopecia, Body Lateral	1	126	731	88
	Alopecia, Head	11	98	672	252
	Alopecia, Neck	2	161	735	5
	Eye Discharge, Red	5	357	729	69
	Hunched Posture	6	511	737	8
	Lethargic	6	365	683	8
	Pale	11	365	720	16
	Rough Coat	12	365	741	22
	Thin Appearance	8	511	741	11
	Laceration, Body Dorsal	1	672	686	3
	Head Tilt	1	715	715	1
	Hindlimb Paralysis	1	720	720	1
	Prolapsed Vagina	1	714	715	2
	Vaginal Discharge, Red	1	365	365	1
	Nasal Discharge, Red	1	672	672	2
	Sneezing	1	609	609	1
	Tissue Mass, Body Dorsal	1	560	609	8

Table 8. Group Summary of Clinical Abnormalities – Females (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
CBF	Tissue Mass, Body Lateral	8	266	743	156
	Tissue Mass, Body Ventral	9	196	743	259
	Tissue Mass, Nose/Muzzle	1	616	729	18
	Tissue Mass, Shoulder	1	476	486	3
	Ulceration, Shoulder	1	486	486	1
B0.2F	Abrasion, Body Dorsal	9	168	728	168
	Abrasion, Neck	1	357	462	16
	Abrasion, Tail	1	679	686	2
	Alopecia, Body Dorsal	20	182	745	699
	Alopecia, Body Lateral	2	287	735	42
	Alopecia, Body Ventral	2	476	743	38
	Alopecia, Head	1	532	731	30
	Alopecia, Neck	1	672	735	10
	Alopecia, Shoulder	3	126	745	49
	Malocclusion	3	693	741	15
	Eye Discharge, Red	3	168	737	21
	Hunched Posture	8	512	735	20
	Lethargic	1	672	680	2
	Pale	6	311	689	8
	Rough Coat	7	511	735	21
	Thin Appearance	7	511	735	19
	Disoriented/Circling	1	553	553	1
	Head Tilt	1	553	553	1
	Vaginal Discharge, Red	1	703	703	1
	Labored Respiration	1	735	735	1
	Nasal Discharge, Red	5	511	710	8
	Tissue Mass, Body Dorsal	2	741	745	2
	Tissue Mass, Body Lateral	8	518	745	104
	Tissue Mass, Body Ventral	7	462	743	104

Table 8. Group Summary of Clinical Abnormalities – Females (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
B0.2F	Tissue Mass, Genitalia	1	311	311	1
	Tissue Mass, Tail	2	504	741	26
	Ulceration, Body Ventral	3	539	720	24
B2F	Abrasion, Body Dorsal	2	322	741	101
	Abrasion, Body Lateral	1	273	741	67
	Abrasion, Head	2	273	637	52
	Abrasion, Nose/Muzzle	2	420	546	15
	Abrasion, Shoulder	1	560	665	16
	Abrasion, Tail	1	567	658	14
	Alopecia, Body Dorsal	16	98	741	657
	Alopecia, Body Lateral	2	98	741	137
	Alopecia, Body Ventral	2	98	741	135
	Alopecia, Eye Region	1	147	741	85
	Alopecia, Foot	1	182	741	80
	Alopecia, Forelimb	2	98	741	130
	Alopecia, Genitalia	1	147	741	85
	Alopecia, Head	2	133	741	120
	Alopecia, Hindlimb	1	105	741	91
	Alopecia, Neck	3	154	741	147
	Alopecia, Nose/Muzzle	1	112	741	90
	Alopecia, Shoulder	1	126	741	88
	Reddened Ears	1	133	665	77
	Eye Discharge, Red	3	182	532	51
	Distended Abdomen	1	682	682	1
	Hunched Posture	3	475	682	10
	Lethargic	2	434	693	2
	Pale	6	434	720	9
	Rough Coat	10	392	737	45
	Thin Appearance	12	357	729	43

Table 8. Group Summary of Clinical Abnormalities – Females (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
B2F	Disoriented/Circling	1	595	598	2
	Head Tilt	1	434	434	1
	Prolapsed Vagina	1	475	475	1
	Nasal Discharge, Red	3	560	731	5
	Tissue Mass, Body Lateral	1	737	737	1
	Tissue Mass, Body Ventral	12	252	741	194
	Tissue Mass, Neck	1	399	469	11
	Tissue Mass, Nose/Muzzle	1	553	609	9
	Ulceration, Body Dorsal	1	720	720	1
	Ulceration, Body Ventral	1	731	731	1
B5F	Abrasion, Body Dorsal	2	385	731	87
	Abrasion, Head	2	126	729	52
	Alopecia, Body Dorsal	17	119	735	475
	Alopecia, Body Lateral	5	28	672	248
	Alopecia, Body Ventral	3	35	665	156
	Alopecia, Foot	1	490	609	18
	Alopecia, Forelimb	2	42	532	36
	Alopecia, Head	4	35	729	68
	Alopecia, Hindlimb	1	63	238	26
	Alopecia, Neck	6	77	729	309
	Alopecia, Shoulder	3	49	665	128
	Eye Discharge, Red	1	420	745	44
	Distended Abdomen	1	548	548	1
	Hunched Posture	2	451	451	2
	Lethargic	1	451	451	1
	Pale	2	532	548	3
	Rough Coat	8	451	729	19
	Thin Appearance	7	451	729	8
	Prolapsed Vagina	2	490	574	2

Table 8. Group Summary of Clinical Abnormalities – Females (Continued)

Group	Observation	Animals Affected	Observed		Total Number
			First Day	Last Day	
B5F	Vaginal Discharge, Red	1	483	483	1
	Respiratory Sounds	1	731	731	1
	Nasal Discharge, Red	2	672	735	19
	Tissue Mass, Body Dorsal	1	737	737	1
	Tissue Mass, Body Lateral	1	504	720	32
	Tissue Mass, Body Ventral	2	490	743	38
	Tissue Mass, Genitalia	1	490	490	1
	Tissue Mass, Neck	1	672	720	8
	Ulceration, Body Ventral	2	532	743	8
E0.2F	Abrasion, Body Dorsal	3	91	665	93
	Abrasion, Body Lateral	1	119	217	12
	Abrasion, Foot	2	567	731	32
	Alopecia, Body Dorsal	24	63	745	996
	Alopecia, Body Lateral	7	28	745	248
	Alopecia, Body Ventral	2	28	665	94
	Alopecia, Forelimb	2	49	737	96
	Alopecia, Head	2	196	741	114
	Alopecia, Hindlimb	2	154	496	52
	Alopecia, Neck	3	126	743	198
	Alopecia, Shoulder	5	63	743	221
	Malocclusion	2	693	745	8
	Hunched Posture	4	609	735	14
	Lethargic	1	676	676	1
	Pale	5	490	676	12
	Rough Coat	5	609	735	8
	Thin Appearance	7	567	735	29
	Prolapsed Vagina	1	612	612	1
	Nasal Discharge, Red	2	703	735	2
	Tissue Mass, Body Lateral	9	217	741	196
	Tissue Mass, Body Ventral	5	511	745	67

Table 8. Group Summary of Clinical Abnormalities – Females (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
E2F	Abrasion, Body Dorsal	4	196	737	98
	Abrasion, Tail	1	651	735	13
	Alopecia, Body Dorsal	19	217	737	448
	Alopecia, Body Lateral	2	49	493	49
	Alopecia, Body Ventral	3	189	745	128
	Alopecia, Foot	1	511	672	24
	Alopecia, Forelimb	3	343	745	135
	Alopecia, Head	1	476	665	28
	Alopecia, Hindlimb	2	189	745	156
	Alopecia, Neck	3	217	672	119
	Alopecia, Shoulder	1	693	743	7
	Eye Opacity	1	672	731	10
	Eye Discharge, Red	3	378	741	69
	Hunched Posture	4	567	731	13
	Pale	2	483	598	4
	Rough Coat	5	483	735	9
	Thin Appearance	5	540	729	11
	Head Tilt	2	693	710	6
	Labored Respiration	1	539	539	1
	Nasal Discharge, Red	1	672	728	9
	Tissue Mass, Body Dorsal	1	679	710	6
	Tissue Mass, Body Lateral	3	371	745	91
	Tissue Mass, Body Ventral	6	483	737	115
	Tissue Mass, Genitalia	1	672	729	10
	Ulceration, Body Lateral	1	703	703	1
	Ulceration, Body Ventral	1	693	737	7

Table 8. Group Summary of Clinical Abnormalities – Females (Continued)

Group	Observation	Animals Affected	Observed		
			First Day	Last Day	Total Number
E5F	Abrasion, Body Dorsal	2	413	728	43
	Abrasion, Head	1	266	665	58
	Alopecia, Body Dorsal	18	196	745	517
	Alopecia, Body Lateral	1	672	720	8
	Alopecia, Forelimb	1	140	308	25
	Alopecia, Head	1	252	737	70
	Alopecia, Neck	2	21	743	4
	Alopecia, Shoulder	1	154	728	83
	Eye Opacity	1	511	729	33
	Hunched Posture	2	476	689	2
	Lethargic	1	689	689	1
	Pale	4	476	683	19
	Rough Coat	6	476	737	7
	Thin Appearance	4	652	735	5
	Laceration, Body Lateral	1	715	715	1
	Respiratory Sounds	1	689	689	1
	Nasal Discharge, Red	2	683	693	2
	Tissue Mass, Body Lateral	4	476	741	91
	Tissue Mass, Body Ventral	4	574	745	42
	Tissue Mass, Foot	2	567	735	11
	Tissue Mass, Neck	1	672	672	1

Table 9. Group Mean Absolute Body Weight (g) – Males

Group		Day								
		-6	1	7	14	21	28	35	42	49
CM	Mean	130.6	166.0	198.4	237.9	267.7	288.8	305.8	321.0	333.7
	SD	17.1	19.8	21.2	20.4	21.2	22.8	24.5	26.2	28.4
	N	60	60	60	60	60	60	60	60	60
CBM	Mean	132.0	165.3	200.1	237.1	266.5	289.9	306.4	321.5	333.7
	SD	18.7	19.6	20.7	20.9	22.3	25.9	27.1	28.9	30.2
	N	60	60	60	60	60	60	60	60	60
B0.2M	Mean	130.6	162.3	197.3	233.5	262.9	285.9	304.8	319.4	331.7
	SD	17.1	20.3	22.7	23.7	24.9	26.7	28.0	30.2	31.3
	N	60	60	60	60	60	60	60	60	60
B2M	Mean	130.4	161.8	192.5	225.9 ^A	253.5 ^A	272.3 ^A	287.1 ^A	302.3 ^A	313.5 ^A
	SD	16.9	18.1	18.4	18.2	19.8	21.7	24.5	26.2	27.0
	N	60	60	60	60	60	60	60	60	60
B5M	Mean	130.5	162.2	190.5	221.3 ^A	247.9 ^A	265.2 ^A	281.8 ^A	296.5 ^A	307.0 ^A
	SD	17.1	18.9	19.4	19.8	22.1	24.2	25.2	26.2	27.3
	N	60	60	60	60	60	60	60	60	60
E0.2M	Mean	130.5	161.3	195.8	230.6	260.2	281.8	299.1	315.9	327.6
	SD	17.1	18.5	20.1	19.8	21.4	22.8	24.2	26.8	28.7
	N	60	60	60	60	60	60	60	60	60
E2M	Mean	130.7	161.5	191.8	226.9 ^A	253.7 ^A	274.3 ^A	289.7 ^A	303.8 ^A	315.1 ^A
	SD	17.3	18.9	20.5	21.4	24.1	26.5	28.0	29.0	30.3
	N	60	60	60	60	60	60	60	60	60
E5M	Mean	131.3	162.1	188.2 ^A	219.7 ^A	244.0 ^A	263.2 ^A	280.7 ^A	296.6 ^A	306.9 ^A
	SD	18.1	19.5	20.9	21.0	21.5	22.4	23.6	24.9	25.6
	N	60	60	60	60	60	60	60	60	60

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CM vs. CBM, B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 9. Group Mean Absolute Body Weight (g) – Males (Continued)

Group		Day								
		56	63	70	77	84	91	119	147	175
CM	Mean	343.8	353.2	361.8	369.9	377.3	385.5	402.3	423.5	436.9
	SD	29.5	29.8	30.8	32.3	32.2	33.9	36.4	38.9	40.6
	N	60	60	60	60	60	60	60	60	60
CBM	Mean	345.1	353.7	365.0	373.5	381.3	387.8	409.9	430.1	443.9
	SD	31.7	37.4	34.4	34.7	35.8	37.2	40.5	42.8	44.6
	N	60	60	59	59	59	59	59	59	59
B0.2M	Mean	341.8	352.1	361.9	368.9	375.4	383.1	405.7	426.0	440.3
	SD	31.9	32.4	32.8	34.4	35.8	36.9	38.1	40.4	41.1
	N	60	60	60	60	60	60	60	60	60
B2M	Mean	324.3 ^A	333.4 ^A	341.4 ^A	348.3 ^A	355.0 ^A	362.4 ^A	385.6	397.7 ^A	411.8 ^A
	SD	28.0	30.6	31.0	31.9	31.8	32.6	36.1	39.3	38.0
	N	60	60	60	60	60	60	59	59	59
B5M	Mean	316.4 ^A	324.3 ^A	332.9 ^A	339.8 ^A	346.7 ^A	353.5 ^A	372.4 ^A	386.2 ^A	395.9 ^A
	SD	28.3	29.0	29.3	29.5	30.2	31.4	32.8	33.9	34.9
	N	60	60	60	60	60	60	60	60	60
E0.2M	Mean	338.9	350.3	361.4	369.1	375.5	382.9	402.4	420.0	434.0
	SD	29.7	30.8	32.3	32.7	33.3	35.1	36.9	38.3	40.3
	N	60	60	60	60	60	59	59	59	59
E2M	Mean	325.2 ^A	333.2 ^A	345.1 ^A	352.6 ^A	359.6 ^A	365.7 ^A	384.1 ^A	397.9 ^A	412.6 ^A
	SD	31.8	33.2	33.9	33.8	34.5	35.4	37.2	38.8	38.9
	N	60	60	60	60	60	60	60	60	60
E5M	Mean	316.8 ^A	323.9 ^A	334.0 ^A	341.3 ^A	345.8 ^A	350.8 ^A	368.1 ^A	382.7 ^A	396.1 ^A
	SD	27.3	27.3	29.2	30.8	30.8	31.9	34.9	34.8	36.0
	N	60	60	60	60	60	60	60	60	60

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CM vs. CBM, B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 9. Group Mean Absolute Body Weight (g) – Males (Continued)

Group		Day								
		203	231	259	287	315	343	371	399	427
CM	Mean	447.5	461.6	476.4	483.5	491.4	502.2	512.2	518.6	527.9
	SD	42.3	43.8	44.5	45.8	47.8	52.3	54.2	56.6	58.2
	N	60	59	59	59	58	58	58	58	58
CBM	Mean	452.2	467.0	483.2	487.6	496.5	509.0	517.5	521.6	530.5
	SD	47.1	51.2	52.6	58.0	56.1	58.6	61.6	60.3	60.3
	N	59	59	59	59	58	58	58	57	57
B0.2M	Mean	448.7	464.5	474.7	483.6	491.5	501.9	510.4	513.4	524.9
	SD	43.0	44.5	47.2	48.4	48.8	50.7	53.0	53.0	54.3
	N	60	60	60	60	60	60	60	59	59
B2M	Mean	419.7 ^A	437.3 ^A	445.5 ^A	446.3 ^A	457.4 ^A	463.8 ^A	474.3 ^a	475.9 ^a	486.1 ^A
	SD	40.0	41.6	41.9	42.3	43.8	45.0	45.5	45.6	46.8
	N	59	59	59	59	58	58	57	57	57
B5M	Mean	405.0 ^A	418.4 ^A	428.2 ^A	434.1 ^A	441.1 ^A	446.5 ^A	448.5 ^a	448.7 ^a	460.7 ^A
	SD	36.1	38.6	41.0	39.9	41.4	42.1	42.2	41.9	43.1
	N	60	60	60	60	60	60	60	60	60
E0.2M	Mean	448.3	461.4	469.5	479.5	491.1	497.4	505.3	507.8	522.0
	SD	40.4	44.4	44.8	44.1	46.3	46.4	47.4	50.2	50.6
	N	59	59	58	58	58	58	58	58	56
E2M	Mean	418.5 ^A	431.2 ^A	443.2 ^A	450.8 ^A	457.3 ^A	458.8 ^A	470.7 ^a	473.4 ^a	481.4 ^A
	SD	39.5	42.9	42.4	43.6	44.6	45.4	46.5	46.4	48.3
	N	60	60	60	60	60	60	60	60	60
E5M	Mean	401.8 ^A	410.0 ^A	424.3 ^A	428.8 ^A	435.1 ^A	437.9 ^A	445.7 ^a	444.9 ^a	453.7 ^A
	SD	37.7	42.0	40.8	41.0	41.7	41.6	41.3	42.1	43.1
	N	60	60	60	60	60	60	60	59	58

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test.

A = CM vs. CBM, B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 9. Group Mean Absolute Body Weight (g) – Males (Continued)

Group		Day								
		455	483	511	539	567	595	623	651	679
CM	Mean	537.1	545.2	549.2	556.2	559.9	566.6	569.7	576.0	584.9
	SD	61.0	61.2	64.6	59.4	65.8	62.1	73.9	74.3	66.8
	N	58	57	57	55	53	52	52	51	50
CBM	Mean	542.1	547.3	553.7	561.2	556.2	562.3	562.7	562.6	565.8
	SD	63.4	66.5	68.1	64.9	68.9	66.5	66.4	74.1	75.6
	N	57	57	57	55	54	52	51	51	48
B0.2M	Mean	533.9	540.9	546.2	548.8	546.6	551.6	564.6	569.1	568.4
	SD	58.1	59.7	60.7	63.4	69.6	67.2	66.5	66.9	69.2
	N	59	58	58	57	57	55	54	54	53
B2M	Mean	493.1 ^a	493.0 ^a	495.5 ^a	502.8 ^a	498.0 ^a	501.9 ^A	511.3 ^a	511.6 ^a	512.6 ^a
	SD	46.0	49.1	58.2	51.3	53.1	54.6	51.8	53.8	55.1
	N	57	57	57	55	55	55	54	53	52
B5M	Mean	468.1 ^a	469.0 ^a	469.8 ^a	472.2 ^a	471.8 ^a	465.0 ^A	475.7 ^a	476.0 ^a	481.1 ^a
	SD	44.0	44.6	46.6	45.0	45.5	49.0	45.0	47.0	46.6
	N	60	60	60	59	58	58	57	57	55
E0.2M	Mean	529.4	537.6	539.5	546.4	551.9	557.1	559.3	566.6	571.4
	SD	52.6	54.1	61.6	55.4	56.4	57.1	59.9	61.5	66.2
	N	56	56	56	55	55	55	55	55	54
E2M	Mean	489.5 ^a	494.6 ^a	493.1 ^a	499.0 ^a	499.7 ^a	498.9 ^A	502.6 ^a	506.7 ^a	511.5 ^a
	SD	50.2	51.6	55.4	58.5	57.0	60.9	65.4	66.1	63.5
	N	60	59	59	58	57	57	56	55	50
E5M	Mean	459.7 ^a	459.3 ^a	462.9 ^a	464.4 ^a	467.0 ^a	462.6 ^A	463.1 ^a	468.6 ^a	471.8 ^a
	SD	43.4	43.6	43.8	44.6	45.8	48.4	43.5	46.6	48.1
	N	58	58	58	58	56	55	52	49	48

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test.

A = CM vs. CBM, B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 9. Group Mean Absolute Body Weight (g) – Males (Continued)

Group		Day	
		707	% Difference from CM*
CM	Mean	584.9	--
	SD	71.0	
	N	50	
CBM	Mean	569.0	-2.7
	SD	77.9	
	N	46	
B0.2M	Mean	567.3	-3.0
	SD	75.6	
	N	52	
B2M	Mean	510.8 ^a	-12.7
	SD	52.8	
	N	52	
B5M	Mean	479.1 ^a	-18.1
	SD	48.8	
	N	55	
E0.2M	Mean	573.8	-1.9
	SD	64.2	
	N	52	
E2M	Mean	511.7 ^a	-12.5
	SD	66.7	
	N	50	
E5M	Mean	466.4 ^a	-20.3
	SD	46.2	
	N	46	

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CM vs. CBM, B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

* Day 707.

Table 10. Group Mean Absolute Body Weight (g) – Females

Group		Day								
		-7	1	7	14	21	28	35	42	49
CF	Mean	112.1	134.8	153.2	167.7	178.0	188.5	196.4	204.9	208.6
	SD	14.1	13.8	15.3	14.8	15.1	16.6	17.4	17.3	18.5
	N	60	60	60	60	60	60	60	60	60
CBF	Mean	112.9	135.0	153.8	170.2	181.1	191.3	199.6	205.9	209.7
	SD	15.9	14.2	14.7	15.5	15.3	16.8	17.3	17.7	19.2
	N	60	60	60	60	60	60	60	60	60
B0.2F	Mean	112.2	134.5	150.9	167.6	179.4	190.1	197.7	203.4	207.9
	SD	14.2	13.7	14.4	14.6	14.5	16.0	16.0	17.2	17.5
	N	60	60	60	60	60	60	60	60	60
B2F	Mean	112.7	136.0	149.2	165.1	175.7	185.0	191.4	196.7 ^A	201.6
	SD	14.9	14.0	13.2	12.6	13.5	13.8	15.0	15.3	14.6
	N	60	60	60	60	60	60	60	60	60
B5F	Mean	112.2	135.3	145.3 ^A	160.1 ^A	171.4	178.9 ^A	184.8 ^A	188.8 ^A	193.2 ^A
	SD	14.2	13.7	13.5	13.9	13.8	14.0	15.1	14.3	14.7
	N	60	60	60	60	60	60	60	60	60
E0.2F	Mean	112.5	136.7	152.9	169.5	182.5	189.1	198.0	204.8	208.3
	SD	15.0	15.7	16.7	16.6	17.4	17.3	17.4	18.3	19.2
	N	60	60	60	60	60	60	60	60	60
E2F	Mean	112.1	135.9	148.1	163.2	174.6	183.6	191.4	197.8	201.9
	SD	14.4	13.5	13.2	13.2	13.2	13.8	14.4	15.1	15.5
	N	60	60	60	60	60	60	60	60	60
E5F	Mean	112.3	135.0	145.3 ^A	160.3 ^A	170.9 ^A	179.1 ^A	184.9 ^A	191.7 ^A	195.2 ^A
	SD	14.1	13.0	12.8	12.6	12.9	13.5	13.7	13.9	14.2
	N	60	60	60	60	60	60	60	60	60

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. CBF, B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 10. Group Mean Absolute Body Weight (g) – Females (Continued)

Group		Day								
		56	63	70	77	84	91	119	147	175
CF	Mean	212.2	216.6	220.3	223.7	225.7	228.3	235.0	241.2	244.1
	SD	19.1	19.8	19.5	19.1	20.2	20.5	21.5	22.4	24.0
	N	60	60	60	60	60	60	60	60	60
CBF	Mean	214.2	217.0	222.0	224.0	228.1	230.8	238.4	243.0	242.8
	SD	18.3	18.9	18.3	18.6	19.6	19.3	20.5	21.6	21.1
	N	60	60	60	60	60	60	60	60	60
B0.2F	Mean	212.4	214.6	217.6	218.7	223.1	225.3	233.0	237.6	240.3
	SD	16.9	18.3	18.5	17.8	18.4	18.1	20.1	21.3	21.4
	N	60	60	60	60	60	60	60	60	60
B2F	Mean	204.9 ^a	206.6 ^a	210.4 ^A	211.3 ^a	216.3 ^a	218.8 ^A	226.1 ^a	229.1 ^a	227.4 ^a
	SD	15.1	15.2	16.2	17.0	15.8	16.0	17.5	18.9	18.4
	N	60	60	60	60	60	60	60	60	60
B5F	Mean	198.8 ^a	198.2 ^a	202.4 ^A	205.1 ^a	207.6 ^a	209.2 ^A	213.9 ^a	215.4 ^a	217.2 ^a
	SD	13.8	14.3	14.1	14.2	13.9	14.5	15.5	15.3	16.7
	N	60	60	60	60	60	60	60	60	60
E0.2F	Mean	214.5	217.3	220.6	223.5	226.9	228.9	237.6	240.8	245.6
	SD	19.8	20.0	20.1	20.8	20.7	19.9	22.1	23.1	24.0
	N	60	60	60	60	60	60	60	60	60
E2F	Mean	208.1	210.1	211.4 ^A	215.8 ^a	217.6 ^a	220.4	227.2 ^a	229.2 ^a	233.3 ^a
	SD	16.5	16.7	17.2	18.0	17.0	17.1	17.1	18.6	19.7
	N	60	60	60	60	60	60	60	60	60
E5F	Mean	199.8 ^a	201.4 ^a	203.8 ^A	206.5 ^a	209.1 ^a	211.8 ^A	214.3 ^a	219.1 ^a	221.3 ^a
	SD	14.3	14.1	14.6	14.0	14.5	15.2	14.9	15.9	17.0
	N	60	60	60	60	60	60	60	60	60

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. CBF, B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 10. Group Mean Absolute Body Weight (g) – Females (Continued)

Group		Day								
		203	231	259	287	315	343	371	399	427
CF	Mean	249.5	255.7	258.6	266.3	273.7	276.8	286.4	290.7	297.1
	SD	23.5	24.1	27.0	28.2	30.2	32.5	35.8	34.6	38.6
	N	60	60	60	60	60	60	60	60	59
CBF	Mean	250.4	254.2	260.8	266.3	268.4	276.2	283.0	285.7	293.9
	SD	20.7	23.3	26.2	27.6	29.0	31.2	32.8	34.9	37.2
	N	60	60	60	60	60	60	59	58	58
B0.2F	Mean	248.3	248.7	255.2	259.9	261.4 ^a	270.5	275.9	278.1	287.2
	SD	23.7	23.3	25.1	26.7	30.4	32.5	37.1	38.3	39.7
	N	60	60	60	60	59	59	59	59	59
B2F	Mean	237.6 ^A	237.8 ^a	244.2 ^a	245.6 ^a	247.0 ^a	250.2 ^a	253.7 ^a	255.5 ^a	263.8 ^a
	SD	19.5	21.6	23.8	24.3	26.0	31.3	34.4	35.4	36.5
	N	60	60	60	60	60	59	59	59	59
B5F	Mean	220.7 ^A	223.6 ^a	225.9 ^a	228.7 ^a	229.5 ^a	229.6 ^a	233.5 ^a	233.2 ^a	237.8 ^a
	SD	18.3	16.9	17.1	17.0	17.5	18.4	17.9	19.2	20.3
	N	60	60	60	60	60	60	60	60	60
E0.2F	Mean	251.1	255.9	261.5	265.1	272.5	277.4	283.1	283.8	293.4
	SD	23.9	26.3	26.1	28.7	32.7	35.0	36.5	39.2	44.1
	N	60	60	60	60	60	60	60	60	60
E2F	Mean	239.5	241.9 ^a	245.2 ^a	247.5 ^a	252.5 ^a	254.3 ^a	259.0 ^a	258.9 ^a	265.1 ^a
	SD	19.4	19.5	19.3	19.8	22.3	22.7	23.8	24.1	25.9
	N	60	60	60	60	60	60	60	60	60
E5F	Mean	226.1 ^A	227.5 ^a	229.3 ^a	231.5 ^a	233.8 ^a	233.8 ^a	237.1 ^a	237.5 ^a	239.9 ^a
	SD	17.3	18.5	18.5	19.3	19.4	19.6	19.6	21.5	22.5
	N	60	60	60	60	60	60	60	60	60

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. CBF, B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 10. Group Mean Absolute Body Weight (g) – Females (Continued)

Group		Day								
		455	483	511	539	567	595	623	651	679
CF	Mean	305.4	317.1	318.1	321.9	328.5	330.6	338.3	346.3	346.2
	SD	38.8	39.1	42.2	48.3	44.9	46.4	47.4	48.9	55.5
	N	59	57	57	57	54	53	50	50	50
CBF	Mean	300.7	309.8	312.0	312.1	319.3	325.8	334.4	345.8	347.7
	SD	39.7	41.0	43.3	41.0	40.9	41.4	47.9	57.1	46.7
	N	58	58	55	53	52	52	51	49	47
B0.2F	Mean	295.0	302.5	304.3	309.8	308.1 ^a	313.5	316.2 ^a	321.4 ^a	328.3
	SD	41.1	43.7	44.8	46.8	49.8	46.3	47.8	52.2	45.5
	N	59	59	59	57	55	55	55	54	51
B2F	Mean	268.6 ^a	273.2 ^a	271.2 ^a	267.7 ^a	272.0 ^a	276.5 ^a	284.7 ^a	285.2 ^a	290.2 ^a
	SD	37.8	38.7	28.4	30.5	31.7	35.9	40.3	29.6	33.5
	N	57	56	56	55	54	54	50	48	47
B5F	Mean	240.6 ^a	242.7 ^a	242.0 ^a	243.3 ^a	241.5 ^a	244.7 ^a	245.0 ^a	248.0 ^a	251.7 ^a
	SD	20.6	21.6	22.6	23.6	21.9	22.7	25.6	27.2	28.9
	N	58	58	57	55	53	52	52	51	50
E0.2F	Mean	303.3	309.4	317.6	315.6	319.8	324.2	328.0	331.4	335.0
	SD	49.7	53.0	56.2	54.4	57.3	56.5	59.0	67.9	61.2
	N	60	60	59	58	58	58	56	55	51
E2F	Mean	269.1 ^a	274.3 ^a	278.7 ^a	280.6 ^{a, B}	284.2 ^a	288.4 ^a	288.6 ^a	293.2 ^a	299.0 ^a
	SD	27.3	29.6	32.4	35.9	37.6	37.8	38.5	38.7	41.8
	N	59	59	57	57	56	56	54	53	52
E5F	Mean	243.2 ^a	245.2 ^a	246.8 ^a	245.2 ^a	243.8 ^a	246.4 ^a	249.9 ^a	252.2 ^a	257.3 ^a
	SD	22.9	24.5	24.2	26.6	27.7	25.6	28.3	31.3	34.3
	N	60	58	58	58	58	58	58	58	55

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. CBF, B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 10. Group Mean Absolute Body Weight (g) – Females (Continued)

Group	Day		% Difference from CF*
		707	
CF	Mean	353.6	--
	SD	54.4	
	N	48	
CBF	Mean	346.9	-1.9
	SD	48.6	
	N	45	
B0.2F	Mean	329.5 ^a	-6.8
	SD	48.3	
	N	48	
B2F	Mean	295.3 ^a	-16.5
	SD	31.6	
	N	44	
B5F	Mean	253.6 ^a	-28.3
	SD	31.8	
	N	48	
E0.2F	Mean	335.4	-5.1
	SD	60.7	
	N	48	
E2F	Mean	299.4 ^a	-15.3
	SD	40.5	
	N	50	
E5F	Mean	261.2 ^a	-26.1
	SD	40.1	
	N	51	

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. CBF, B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

* Day 707.

Table 11. TK Group Mean Absolute Body Weight (g) – Males

Group		Day								
		-11	1	7	14	21	28	35	42	49
CM	Mean	106.0	159.8	194.3	230.1	254.3	273.6	287.8	303.2	312.8
	SD	7.9	14.5	17.0	21.6	25.2	29.1	32.7	36.1	38.7
	N	10	10	10	10	10	10	10	10	10
B0.2M	Mean	105.2	161.5	193.9	230.5	255.0	277.1	293.1	307.3	318.5
	SD	8.3	10.4	13.0	16.1	21.2	24.1	26.8	28.8	32.3
	N	10	10	10	10	10	10	10	10	10
B2M	Mean	105.5	165.3	198.5	237.2	262.3	285.1	299.5	315.0	326.7
	SD	8.0	9.4	11.7	14.1	15.2	19.3	20.7	24.9	25.2
	N	10	10	10	10	10	10	10	10	10
B5M	Mean	105.1	162.6	188.1	223.9	245.4	264.2	276.4	290.1	302.5
	SD	7.8	7.8	7.2	8.3	11.2	13.6	15.3	16.5	17.6
	N	10	10	10	10	10	10	10	10	10
E0.2M	Mean	105.8	157.8	192.6	231.9	255.5	276.3	290.0	307.4	320.4
	SD	8.0	11.8	16.3	20.7	25.1	29.4	33.3	35.0	35.7
	N	10	10	10	10	10	10	10	10	10
E2M	Mean	105.0	158.9	189.3	223.2 ^B	245.2 ^B	263.7 ^B	275.9 ^B	289.1 ^B	299.8 ^B
	SD	7.6	7.9	10.5	12.9	14.9	17.9	19.8	22.2	24.8
	N	10	10	10	10	10	10	10	10	10
E5M	Mean	105.6	161.7	188.7	223.2	246.6	265.9	280.8	295.6	306.8
	SD	7.7	8.1	8.2	11.4	14.1	16.2	19.5	21.5	24.9
	N	10	10	10	10	10	10	10	10	10

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test.

A = CM vs. B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 11. TK Group Mean Absolute Body Weight (g) – Males (Continued)

Group		Day								
		56	63	70	77	84	91	119	147	175
CM	Mean	322.6	331.0	340.2	346.8	357.1	359.6	386.6	402.0	416.2
	SD	38.7	40.0	40.3	41.6	42.5	44.1	48.6	49.3	49.8
	N	10	10	10	10	10	10	10	10	10
B0.2M	Mean	329.0	337.8	347.1	353.0	361.8	366.4	388.7	401.1	401.4
	SD	34.0	35.6	36.5	38.9	38.9	40.3	45.1	46.9	56.6
	N	10	10	10	10	10	10	10	10	10
B2M	Mean	336.6	345.0	357.1	361.6	374.3	378.6	399.8	415.8	420.8
	SD	27.2	26.8	27.7	25.3	27.3	28.0	31.2	34.1	30.9
	N	10	10	10	10	10	10	10	10	10
B5M	Mean	312.2	317.2	324.7	332.0	342.0	346.1	363.7	373.8	385.2
	SD	19.6	22.1	25.5	25.3	23.7	24.8	30.4	30.0	33.4
	N	10	10	10	10	10	10	10	10	10
E0.2M	Mean	330.2	341.5	349.9	357.8	368.4	364.9	399.2	417.2	430.8
	SD	37.1	37.5	38.2	38.7	40.6	39.8	43.3	41.9	47.4
	N	10	10	10	10	10	10	10	10	10
E2M	Mean	307.4 ^B	314.2 ^B	321.2 ^B	327.9 ^B	338.0 ^B	341.5 ^B	357.6 ^B	366.0 ^B	379.9 ^B
	SD	25.3	25.9	27.5	27.9	30.4	32.8	34.3	37.0	36.8
	N	10	10	10	10	10	10	10	10	10
E5M	Mean	316.9	322.0	331.4	339.6	350.8	356.5	376.9	388.6	401.7
	SD	27.2	27.9	30.9	30.3	32.0	33.9	33.4	36.0	38.9
	N	10	10	10	10	10	10	10	10	10

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CM vs. B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 11. TK Group Mean Absolute Body Weight (g) – Males (Continued)

Group		Day								
		203	231	259	287	315	343	371	399	427
CM	Mean	430.8	442.8	453.5	465.8	476.9	483.1	498.2	505.1	518.1
	SD	52.0	55.4	55.7	56.9	60.8	65.0	68.1	67.3	68.3
	N	10	10	10	10	10	10	10	10	10
B0.2M	Mean	421.5	432.9	445.0	450.2	471.7	477.9	494.9	494.3	501.2
	SD	53.9	52.5	56.2	58.6	48.1	56.0	55.8	57.8	58.1
	N	10	10	10	10	9	9	9	9	9
B2M	Mean	441.7	451.6	469.5	473.4	479.9	482.8	496.2	489.9	499.7
	SD	31.1	36.9	41.9	42.0	41.4	44.6	51.6	40.9	48.8
	N	10	10	10	10	10	10	10	10	10
B5M	Mean	400.9	405.4	419.6	421.7	431.7	429.8	442.9	444.2	452.5 ^A
	SD	33.9	34.4	38.3	39.0	40.6	42.0	42.2	44.8	44.6
	N	10	10	10	10	10	10	10	10	10
E0.2M	Mean	441.4	452.2	463.3	471.9	464.9	481.9	496.4	501.4	514.9
	SD	49.4	50.1	53.3	56.8	47.0	55.3	61.7	60.7	58.6
	N	10	10	10	10	10	10	10	10	10
E2M	Mean	393.1 ^B	399.2 ^B	409.7 ^B	415.6 ^B	419.5 ^{A,B}	421.4 ^{A,B}	435.9 ^B	438.1 ^{A,B}	444.7 ^{A,B}
	SD	40.2	38.9	43.2	43.6	42.4	44.1	46.6	45.7	50.0
	N	10	10	10	10	10	10	10	10	10
E5M	Mean	413.0	414.2	428.2	434.5	435.8	438.1	448.1	451.7	455.8
	SD	40.1	37.6	41.2	42.7	40.3	41.1	42.6	45.5	39.8
	N	10	10	10	10	10	10	10	10	10

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CM vs. B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 11. TK Group Mean Absolute Body Weight (g) – Males (Continued)

Group		Day								
		455	483	511	539	567	595	623	651	679
CM	Mean	533.3	539.0	546.9	553.0	544.3	527.6	520.6	529.3	536.1
	SD	71.7	72.9	76.2	79.1	61.2	65.5	72.4	82.1	100.1
	N	10	10	10	10	10	10	9	8	8
B0.2M	Mean	511.4	510.2	507.4	507.8	491.9	475.0	488.5	518.2	522.8
	SD	58.4	59.7	52.7	60.8	74.6	102.1	89.1	76.1	75.0
	N	9	9	9	9	9	9	8	7	7
B2M	Mean	516.0	517.5	514.1	518.5	519.7	517.0	517.1	514.1	542.2
	SD	50.1	53.6	59.3	55.2	55.7	65.8	77.3	100.0	56.2
	N	10	10	10	10	10	10	10	10	9
B5M	Mean	463.2 ^A	462.8 ^A	467.9 ^A	463.3 ^A	467.8 ^A	468.1	466.2	467.9	465.7
	SD	42.5	43.8	44.1	46.5	44.4	44.1	42.9	43.4	47.2
	N	10	10	10	10	10	10	10	10	10
E0.2M	Mean	524.3	531.9	536.9	538.1	543.4	545.9	552.3	556.9	560.7
	SD	57.2	54.9	55.7	57.1	56.9	52.1	57.0	55.3	54.0
	N	10	10	10	10	10	10	10	10	10
E2M	Mean	457.2 ^{A,B}	461.6 ^{A,B}	464.0 ^A	455.5 ^{A,B}	464.5 ^{A,B}	469.1	470.3	474.3	471.7 ^B
	SD	53.0	53.3	53.4	58.4	57.1	57.0	59.4	59.6	65.5
	N	10	10	10	10	10	10	10	10	10
E5M	Mean	469.0 ^A	469.6 ^A	473.3 ^A	469.6 ^A	468.3 ^A	471.6	468.9	471.6	473.4
	SD	42.7	39.9	39.0	40.4	42.3	40.8	41.0	41.0	40.1
	N	10	10	10	10	10	10	10	10	10

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CM vs. B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 12. TK Group Mean Absolute Body Weight (g) – Females

Group		Day								
		-12	1	7	14	21	28	35	42	49
CF	Mean	97.8	136.9	151.6	168.7	176.8	186.2	191.7	197.6	204.5
	SD	5.6	6.7	8.5	9.6	10.7	9.6	13.4	11.8	10.8
	N	10	10	10	10	10	10	10	10	10
B0.2F	Mean	97.8	134.8	148.7	162.9	174.0	181.8	187.7	194.2	196.9
	SD	6.1	12.9	8.3	11.2	12.8	13.2	13.5	13.4	16.5
	N	10	10	10	10	10	10	10	10	10
B2F	Mean	97.8	138.2	149.3	163.4	175.2	178.8	185.4	192.0	199.4
	SD	5.9	4.1	5.1	5.7	7.2	8.4	9.4	8.9	9.0
	N	10	10	10	10	10	10	10	10	10
B5F	Mean	97.2	136.1	146.6	161.6	167.2	172.8 ^A	175.1 ^A	182.8 ^A	186.5 ^A
	SD	5.9	6.3	7.1	9.0	11.2	9.4	9.4	10.1	10.1
	N	10	10	10	10	10	10	10	10	10
E0.2F	Mean	97.4	134.8	153.7	169.7	180.5	187.9	194.7	201.4	204.8
	SD	5.7	6.4	9.2	10.9	12.4	13.0	14.6	14.0	17.0
	N	10	10	10	10	10	10	10	10	10
E2F	Mean	97.5	136.1	148.8	160.3	170.6	176.2	183.6	187.3	194.3
	SD	5.8	7.7	8.6	11.2	15.3	14.5	15.2	16.8	16.3
	N	10	10	10	10	10	10	10	10	10
E5F	Mean	97.5	136.0	146.7	156.9 ^A	168.2	172.5 ^A	180.7	185.3	189.8
	SD	5.5	4.0	6.1	7.5	7.5	8.7	9.2	7.2	10.5
	N	10	10	10	10	10	10	10	10	10

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 12. TK Group Mean Absolute Body Weight (g) – Females (Continued)

Group		Day								
		56	63	70	77	84	91	119	147	175
CF	Mean	207.6	210.4	215.8	220.4	222.6	221.9	229.0	236.5	237.9
	SD	14.8	15.7	12.8	16.2	17.6	16.9	20.1	19.3	17.0
	N	10	10	10	10	10	10	10	10	10
B0.2F	Mean	202.9	208.2	208.7	212.5	214.5	216.1	223.6	229.2	238.4
	SD	13.8	14.9	16.9	18.2	15.3	16.1	18.1	19.5	22.8
	N	10	10	10	10	10	10	10	10	10
B2F	Mean	204.2	203.6	208.1	213.0	216.2	214.1	222.1	226.0	231.7
	SD	9.5	9.9	10.6	11.4	10.8	11.1	12.6	13.1	11.9
	N	10	10	10	10	10	10	10	10	10
B5F	Mean	190.2 ^A	192.9 ^A	195.9 ^A	196.7 ^A	199.5 ^A	199.1 ^A	206.8 ^A	207.1 ^A	213.0 ^A
	SD	11.1	10.2	11.7	12.9	14.4	12.7	13.9	12.6	12.6
	N	10	10	10	10	10	10	10	10	10
E0.2F	Mean	211.2	213.6	218.5	221.1	224.6	226.2	230.8	237.2	246.4
	SD	14.9	12.5	16.7	17.0	17.8	16.2	17.9	19.5	20.9
	N	10	10	10	10	10	10	10	10	10
E2F	Mean	198.0	198.4	201.4	208.5	208.0	210.2	218.5	219.6	228.5
	SD	15.9	15.3	15.8	16.4	18.1	15.4	16.9	17.8	21.6
	N	10	10	10	10	10	10	10	10	10
E5F	Mean	194.7	197.3	200.5	202.5 ^A	205.3	206.7	213.2	210.8 ^A	219.6
	SD	10.1	8.7	8.9	11.6	8.8	9.3	9.9	12.1	14.4
	N	10	10	10	10	10	10	10	10	10

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 12. TK Group Mean Absolute Body Weight (g) – Females (Continued)

Group		Day								
		203	231	259	287	315	343	371	399	427
CF	Mean	250.4	249.1	259.4	264.9	270.7	275.6	292.7	292.4	307.2
	SD	24.2	22.2	26.8	28.7	30.0	38.3	39.6	40.0	45.6
	N	10	10	10	10	10	10	10	10	10
B0.2F	Mean	241.8	243.7	249.1	254.9	258.9	261.5	271.5	276.6	284.8
	SD	23.0	21.0	27.0	32.2	32.6	36.1	36.1	37.8	40.7
	N	10	10	10	10	10	10	10	10	10
B2F	Mean	235.9	237.0	234.7	244.9	245.4 ^a	250.2	253.8 ^a	253.5 ^a	261.3 ^a
	SD	13.9	14.3	17.8	16.5	17.1	14.8	17.5	19.4	18.3
	N	10	10	10	10	10	10	10	10	10
B5F	Mean	211.5 ^A	215.3 ^A	219.6 ^A	221.5 ^A	224.7 ^a	223.4 ^a	224.2 ^a	230.9 ^a	233.1 ^a
	SD	14.1	11.6	12.6	14.1	11.9	12.7	13.7	12.3	12.3
	N	10	10	10	10	10	10	10	10	10
E0.2F	Mean	252.8	258.4	261.3	265.5	271.6	274.0	280.4	288.4	287.4
	SD	22.3	22.0	24.3	28.1	31.3	31.8	33.4	34.9	38.9
	N	10	10	10	10	10	10	10	10	10
E2F	Mean	234.9	237.2	237.5	241.9	247.4	249.4	254.7 ^a	254.0 ^a	250.7 ^a
	SD	22.5	23.1	21.6	20.5	23.6	21.5	23.9	21.9	26.8
	N	10	10	10	10	10	10	10	10	10
E5F	Mean	219.2 ^A	223.5 ^A	227.9 ^A	227.8 ^A	230.3 ^a	228.5 ^a	235.3 ^a	240.7 ^a	243.0 ^a
	SD	14.7	12.7	15.3	14.2	15.5	17.6	19.0	21.4	23.0
	N	10	10	10	10	10	10	10	10	10

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 12. TK Group Mean Absolute Body Weight (g) – Females (Continued)

		Day								
Group		455	483	511	539	567	595	624	651	679
CF	Mean	316.3	321.9	329.7	328.4	318.1	338.3	346.3	353.0	355.7
	SD	41.5	49.4	54.3	54.9	59.8	50.2	48.0	42.5	48.4
	N	10	10	10	10	10	10	10	10	10
B0.2F	Mean	288.2	293.7	297.2	300.2	309.4	318.6	320.4	328.1	330.4
	SD	41.6	39.1	44.3	44.0	36.4	39.1	41.2	42.0	46.5
	N	10	10	9	9	8	8	7	7	7
B2F	Mean	263.5 ^A	271.2 ^A	271.7 ^a	271.9 ^a	271.3	276.1 ^A	278.8 ^A	283.4 ^A	286.1 ^A
	SD	21.4	22.1	21.6	22.9	25.0	23.6	26.5	26.9	27.5
	N	9	8	8	8	8	7	7	7	7
B5F	Mean	233.0 ^A	238.6 ^A	240.2 ^a	239.3 ^a	243.7 ^a	247.5 ^A	246.2 ^A	248.9 ^A	257.3 ^A
	SD	16.6	15.3	16.0	18.3	14.8	15.6	18.3	27.5	27.7
	N	10	10	10	10	9	9	9	9	8
E0.2F	Mean	307.7	314.7	323.5	329.9	334.0	334.1	341.9	341.8	339.6
	SD	37.2	36.6	40.7	43.3	42.8	37.4	38.7	39.9	45.8
	N	10	10	10	10	10	9	9	9	9
E2F	Mean	265.1 ^A	268.2 ^A	271.4 ^a	274.4 ^a	271.9	279.5 ^A	279.0 ^A	283.3 ^A	285.5 ^A
	SD	25.7	26.5	26.1	26.1	30.2	28.5	29.7	29.3	28.9
	N	10	10	10	10	10	9	9	9	9
E5F	Mean	236.0 ^A	252.6 ^A	252.0 ^a	256.7 ^a	248.8 ^a	259.1 ^A	255.9 ^A	260.4 ^A	266.2 ^A
	SD	28.3	27.7	27.9	27.0	31.4	28.9	30.8	26.0	29.9
	N	10	10	10	10	10	10	10	10	10

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 13. Group Mean Average Food Consumed (g) per Day – Males

Group		Day								
		7	14	21	28	35	42	49	56	63
CM	Mean	21.0	23.1	23.2	23.2	22.6	21.6	21.3	21.1	21.0
	SD	1.7	1.5	1.6	1.4	1.7	1.8	1.7	1.8	1.9
	N	30	30	30	30	30	29	28	30	30
CBM	Mean	21.3	22.7	22.8	22.9	21.8	21.5	21.5	21.5	21.0
	SD	1.7	1.6	1.5	1.9	1.8	1.4	1.7	1.7	2.9
	N	30	30	30	30	30	30	28	30	30
B0.2M	Mean	20.7	22.2	22.3	22.7	22.1	21.7	21.6	21.5	21.5
	SD	1.8	1.6	1.6	1.4	1.3	1.4	1.4	1.3	1.4
	N	30	30	30	30	30	30	30	30	30
B2M	Mean	19.6 ^a	21.5 ^A	21.7 ^A	21.6 ^A	20.9 ^A	21.2	20.9	21.2	20.9
	SD	1.0	1.5	1.7	1.7	2.1	2.8	2.0	2.4	2.1
	N	30	30	30	29	29	29	29	30	29
B5M	Mean	18.7 ^a	20.8 ^A	21.0 ^A	20.8 ^A	19.6 ^A	20.5 ^a	19.9 ^A	20.4	19.5 ^a
	SD	1.4	1.2	1.5	1.7	1.3	1.5	1.5	1.7	1.7
	N	30	30	30	30	28	30	27	30	30
E0.2M	Mean	20.5	22.4	22.2	22.2	21.3 ^{A,B}	21.7	21.8	21.3	21.0
	SD	1.4	1.3	1.3	1.5	1.4	1.8	1.6	1.5	1.7
	N	30	30	30	30	30	30	30	30	30
E2M	Mean	19.4 ^a	22.2	22.5	22.9 ^B	22.2 ^B	22.2	22.2	22.2 ^a	21.0
	SD	2.4	1.5	1.8	1.9	1.7	1.9	2.0	2.4	2.5
	N	30	30	30	29	28	28	29	30	29
E5M	Mean	18.3 ^a	20.3 ^A	20.5 ^A	20.9 ^A	20.2 ^A	20.6 ^a	20.0 ^A	20.3	18.7 ^a
	SD	1.4	1.4	1.2	1.3	1.4	1.7	1.3	1.5	1.8
	N	30	30	30	30	30	30	29	29	28

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test.

A = CM vs. CBM, B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 13. Group Mean Average Food Consumed (g) per Day – Males (Continued)

Group		Day								
		70	77	84	91	119	147	175	203	231
CM	Mean	21.1	21.1	21.7	20.2	20.5	21.3	20.8	22.0	21.3
	SD	1.8	2.1	1.8	2.0	1.8	2.0	2.1	1.7	2.0
	N	28	30	30	26	30	30	30	30	30
CBM	Mean	21.3	21.5	21.9	20.6	21.0	21.3	20.9	21.8	22.5
	SD	2.1	1.6	1.7	1.9	1.6	1.7	1.4	1.5	2.9
	N	30	30	30	23	30	30	30	30	28
B0.2M	Mean	21.9	20.9	22.0	21.2	21.0	21.4	21.5	22.6	21.2
	SD	1.4	2.0	2.0	1.9	2.5	1.7	1.4	1.7	1.6
	N	30	30	30	29	30	30	30	30	30
B2M	Mean	21.5	21.8	22.3	21.0	20.7	20.9	21.2	22.6	21.3
	SD	2.0	2.0	2.6	2.2	2.5	2.6	2.0	1.6	1.8
	N	30	30	30	29	30	30	30	30	29
B5M	Mean	20.4	20.3	20.6	20.3	19.1 ^a	19.9 ^a	20.7	20.7	20.0 ^a
	SD	1.8	1.9	2.3	2.1	1.2	1.4	1.4	3.5	1.8
	N	30	29	30	27	30	30	30	30	30
E0.2M	Mean	21.2	21.3	20.8 ^B	20.2 ^B	20.2	20.6	21.5	21.9	20.7
	SD	1.6	1.5	1.4	1.5	1.6	1.6	1.4	1.6	1.8
	N	30	30	30	28	30	30	30	29	30
E2M	Mean	21.8	22.2	22.2	21.6	20.7	22.1 ^B	22.1 ^A	22.3	22.2
	SD	2.5	2.5	2.4	2.2	1.4	1.9	1.8	2.6	3.2
	N	29	28	30	29	30	30	30	29	30
E5M	Mean	19.5 ^{A,B}	19.8	19.3 ^{a,B}	19.3 ^B	18.8 ^a	20.4	20.7	21.0 ^a	19.8
	SD	1.6	2.0	1.6	1.7	1.9	2.1	1.9	1.5	3.6
	N	30	27	30	29	30	30	30	30	29

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test.

A = CM vs. CBM, B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 13. Group Mean Average Food Consumed (g) per Day – Males (Continued)

Group		Day								
		259	287	315	343	371	399	423	427	451
CM	Mean	21.3	21.0	21.2	20.8	21.9	21.8	22.2	22.0	22.3
	SD	2.0	2.0	2.4	2.6	2.6	2.5	2.4	2.1	2.1
	N	30	30	30	30	30	29	30	30	30
CBM	Mean	21.7	20.7	22.6	21.2	21.6	21.7	22.9	22.4	22.1
	SD	1.6	2.7	2.1	2.3	2.0	2.1	2.5	2.1	2.6
	N	30	30	30	30	30	30	30	30	30
B0.2M	Mean	21.1	21.0	23.4 ^A	20.9	22.3	21.9	23.3	22.9	22.2
	SD	2.1	2.0	2.3	2.3	1.9	2.1	3.2	1.8	2.5
	N	30	30	30	30	30	30	30	30	30
B2M	Mean	21.6	21.9	22.6	21.4	22.8	22.4	23.2	21.8	22.7
	SD	2.2	2.5	2.8	1.8	2.4	1.9	2.3	2.8	5.3
	N	30	30	30	30	30	30	30	30	30
B5M	Mean	20.4	21.4	21.3	20.5	21.8	21.7	22.9	22.2	22.4
	SD	1.8	1.5	1.8	1.6	1.8	1.5	2.8	2.2	3.2
	N	30	30	30	30	30	30	30	30	30
E0.2M	Mean	21.5	20.6	21.3 ^B	20.6	22.3	21.0	21.9	20.9 ^B	21.5
	SD	2.8	1.6	2.0	1.9	2.2	2.2	4.4	2.4	2.6
	N	30	30	30	30	30	30	30	30	30
E2M	Mean	22.9 ^{A,B}	22.3 ^a	22.4	22.1	22.7	22.1	22.6	22.0	23.4
	SD	2.3	1.9	2.1	2.2	2.1	2.2	2.6	2.3	2.5
	N	30	30	30	30	30	30	30	30	30
E5M	Mean	21.5 ^B	20.7	21.3	20.8	21.2	21.2	22.8	22.2	21.7
	SD	2.1	2.1	2.3	2.0	1.8	2.3	4.1	2.8	5.1
	N	30	30	30	30	29	30	30	30	30

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test.

A = CM vs. CBM, B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 13. Group Mean Average Food Consumed (g) per Day – Males (Continued)

Group		Day								
		455	479	483	507	511	535	539	563	567
CM	Mean	21.7	21.7	21.0	20.8	21.5	20.8	21.9	22.2	22.3
	SD	2.0	3.9	3.3	4.0	4.3	4.5	4.0	4.0	3.2
	N	30	30	30	30	30	29	29	28	27
CBM	Mean	22.3	21.3	21.3	20.7	21.7	21.4	21.9	22.1	21.9
	SD	2.3	1.9	2.0	2.7	2.2	3.7	2.9	3.9	3.0
	N	30	30	30	30	30	30	30	30	30
B0.2M	Mean	22.6	22.4	22.5	21.1	21.4	21.5	22.6	22.4	22.7
	SD	2.2	2.9	4.3	2.2	2.6	3.3	2.6	2.9	3.3
	N	30	30	30	30	30	30	30	28	30
B2M	Mean	23.3 ^a	22.5	21.7	21.4	21.8	22.3	22.8	22.8	23.3
	SD	3.2	3.0	2.7	4.7	3.6	2.5	3.8	2.4	3.4
	N	30	30	30	30	30	29	29	29	29
B5M	Mean	22.7	23.0	21.2	21.1	20.7	21.8	22.2	22.5	22.5
	SD	3.0	3.5	1.8	3.6	4.2	2.5	2.6	2.9	3.1
	N	30	30	30	30	30	30	30	29	30
E0.2M	Mean	21.2 ^B	22.6	21.3	20.4	20.9	20.7	22.2	22.3	22.3
	SD	2.6	3.3	2.2	2.7	3.0	4.7	2.6	2.8	2.5
	N	30	30	30	30	30	30	28	30	30
E2M	Mean	22.5	21.9	22.4	21.7	22.2	22.9	22.3	22.8	22.7
	SD	2.4	3.0	5.4	2.5	8.8	3.7	3.5	2.7	2.8
	N	30	30	30	30	30	30	28	30	30
E5M	Mean	21.7	22.2	22.1	22.4	23.7	22.6	21.9	21.5	20.8 ^B
	SD	3.9	2.5	3.0	3.6	9.0	3.4	2.7	3.7	3.2
	N	30	30	30	30	30	30	28	30	30

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test.

A = CM vs. CBM, B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 13. Group Mean Average Food Consumed (g) per Day – Males (Continued)

Group		Day								
		591	595	619	623	647	651	675	679	703
CM	Mean	22.7	21.8	22.1	22.5	21.9	21.7	21.5	22.0	21.9
	SD	2.7	2.1	3.3	3.8	3.2	3.1	2.9	3.3	2.9
	N	27	27	27	27	28	28	28	28	28
CBM	Mean	22.0	20.6	22.0	21.6	21.3	20.7	20.6	21.0	20.9
	SD	3.3	2.6	2.9	3.8	3.2	3.1	4.5	3.6	3.5
	N	30	30	29	30	30	30	29	28	29
B0.2M	Mean	22.8	21.6	23.4	23.1	23.1	22.8	22.9	22.1	20.9
	SD	3.4	3.5	2.4	2.6	2.6	2.4	3.5	3.0	4.7
	N	30	30	29	30	30	30	30	30	30
B2M	Mean	23.8	22.5	23.0	22.7	22.6	22.4	22.4	21.9	22.0
	SD	3.0	2.8	4.2	4.1	2.6	2.8	3.3	2.9	3.0
	N	28	28	28	29	29	28	29	29	29
B5M	Mean	21.2	20.6	23.0	21.8	22.1	22.0	21.4	21.9	21.4
	SD	3.5	3.6	3.9	3.3	2.7	2.8	3.7	2.1	2.6
	N	30	30	30	30	30	30	30	29	30
E0.2M	Mean	22.1	21.3	20.1 ^b	21.1 ^B	22.1	22.1	20.7 ^B	20.7 ^b	20.0 ^a
	SD	3.5	2.8	4.6	3.5	2.7	2.1	3.7	1.8	3.3
	N	30	30	29	30	30	30	29	27	27
E2M	Mean	23.8	22.8	23.3	22.2	22.9	22.3	20.3	21.0	21.1
	SD	2.6	2.7	3.0	3.2	3.5	3.0	5.0	3.5	4.5
	N	30	29	30	28	30	30	30	30	30
E5M	Mean	22.2	20.9	22.7	20.9	21.5	21.0	21.0	21.6	20.2
	SD	3.5	2.8	5.5	3.1	2.9	2.9	3.4	3.1	3.9
	N	30	30	29	30	29	29	29	29	28

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test.

A = CM vs. CBM, B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

Table 13. Group Mean Average Food Consumed (g) per Day – Males (Continued)

Group	Day			% Difference from CM*
		707	Grand Mean \pm SD	
CM	Mean	21.0	21.6	--
	SD	2.9	0.8	
	N	28		
CBM	Mean	20.5	21.6	0
	SD	3.0	0.7	
	N	29		
B0.2M	Mean	20.4	22.0	1.9
	SD	4.3	0.8	
	N	30		
B2M	Mean	20.7	21.9	1.4
	SD	3.4	0.9	
	N	29		
B5M	Mean	20.1	21.1	-2.3
	SD	3.0	1.1	
	N	30		
E0.2M	Mean	20.1	21.3	-1.4
	SD	3.0	0.7	
	N	28		
E2M	Mean	20.1	22.1	2.3
	SD	3.8	0.8	
	N	30		
E5M	Mean	18.6 ^A	20.9	-3.2
	SD	3.2	1.2	
	N	29		

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test.

A = CM vs. CBM, B0.2M, B2M, B5M, E0.2M, E2M, E5M.

B = Corresponding blend vs. extract dose groups (B0.2M vs. E0.2M, B2M vs. E2M, and B5M vs. E5M).

* Grand mean percent change relative to CM.

Table 14. Group Mean Average Food Consumed (g) per Day – Females

Group		Day								
		7	14	21	28	35	42	49	56	63
CF	Mean	13.7	14.3	14.4	14.4	14.7	14.6	13.9	13.6	13.9
	SD	1.0	0.8	0.9	0.9	1.1	1.3	0.9	1.0	1.3
	N	20	20	20	20	19	19	19	20	20
CBF	Mean	13.9	14.8	14.9	14.9	14.9	14.4	14.2	13.9	14.3
	SD	1.1	1.2	1.1	1.1	1.2	1.4	1.3	1.1	1.4
	N	20	20	20	20	19	19	19	18	19
B0.2F	Mean	13.3	14.1	14.0	14.2	14.1	13.8 ^a	13.8	13.2	13.3
	SD	0.9	1.0	0.9	1.0	1.0	1.0	0.9	1.0	1.0
	N	20	20	20	20	20	20	20	20	20
B2F	Mean	12.5 ^A	13.8	13.9	14.2	13.8	14.0	13.8	13.8	13.8
	SD	0.9	1.1	1.3	1.0	1.6	1.1	1.0	1.2	1.4
	N	20	20	20	19	20	19	20	18	19
B5F	Mean	11.5 ^A	12.7 ^a	12.9 ^A	12.9 ^A	12.1 ^A	12.1 ^a	11.9 ^A	11.9 ^a	11.3 ^a
	SD	0.7	1.0	0.7	0.8	0.7	0.6	0.6	0.5	0.7
	N	20	20	20	20	20	20	19	19	20
E0.2F	Mean	13.8	14.6	14.7 ^B	14.4	14.7	14.9 ^B	14.6 ^B	14.3 ^{a,B}	13.9 ^B
	SD	1.0	1.3	0.9	1.1	1.3	1.4	1.0	0.8	0.9
	N	20	20	20	18	19	20	19	20	20
E2F	Mean	12.9 ^A	13.7 ^a	13.9	14.2	14.5	14.3	13.8	13.5	13.2
	SD	0.8	0.7	0.7	0.8	1.1	0.9	1.0	0.7	1.2
	N	20	20	20	19	20	19	19	20	20
E5F	Mean	11.7 ^A	12.9 ^a	13.2 ^A	13.4 ^A	12.7 ^A	12.7 ^{a,B}	12.4 ^{A,B}	12.1 ^a	11.1 ^a
	SD	0.7	0.5	0.7	0.8	1.3	0.7	0.7	0.8	0.8
	N	20	20	20	19	20	20	20	19	20

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. CBF, B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 14. Group Mean Average Food Consumed (g) per Day Data – Females (Continued)

Group		Day								
		70	77	84	91	119	147	175	203	231
CF	Mean	13.7	14.0	14.6	14.9	14.2	14.1	14.0	14.2	14.3
	SD	0.8	1.0	1.0	1.1	1.4	1.0	1.2	0.9	1.4
	N	20	20	20	20	20	20	20	20	20
CBF	Mean	13.9	14.6	15.5 ^A	15.6	14.9	14.8	14.3	14.8	14.5
	SD	1.2	1.2	1.1	1.4	1.2	1.2	0.8	1.2	1.5
	N	20	20	20	19	20	20	20	20	20
B0.2F	Mean	13.3	14.1	14.9	14.7	13.9	13.9	14.5	14.5	14.3
	SD	0.8	1.0	0.7	1.0	0.9	0.8	0.9	1.0	1.0
	N	20	20	20	20	20	20	20	20	20
B2F	Mean	13.6	14.1	14.9	14.5	14.0	13.9	14.5	14.4	14.5
	SD	1.1	1.0	0.9	0.8	1.3	1.0	0.8	1.0	1.1
	N	20	20	20	19	20	20	20	20	20
B5F	Mean	11.9 ^a	11.8 ^a	12.0 ^A	11.9 ^a	11.7 ^a	12.0 ^A	12.3 ^A	11.5 ^A	12.4 ^a
	SD	0.5	0.5	0.6	0.6	0.5	0.7	0.7	1.1	0.7
	N	20	20	20	20	20	20	20	20	20
E0.2F	Mean	13.6	13.9	14.6	14.6	14.5	14.9 ^B	14.5	14.9	14.8
	SD	1.0	0.8	1.0	1.3	1.0	1.2	1.1	0.9	1.1
	N	20	20	20	20	20	20	20	20	20
E2F	Mean	12.8 ^{a,B}	13.6	14.2 ^B	14.2 ^a	14.5	14.2	14.4	14.8	14.5
	SD	0.8	0.7	0.6	0.7	0.8	0.9	1.0	0.9	1.1
	N	20	19	20	20	20	20	20	20	20
E5F	Mean	11.4 ^{a,B}	11.8 ^a	12.1 ^A	12.4 ^{a,B}	12.6 ^{a,B}	12.1 ^A	12.6 ^A	12.8 ^{A,B}	12.8 ^a
	SD	0.7	0.8	0.7	0.8	0.8	1.0	1.0	1.1	1.0
	N	20	20	20	20	20	20	20	20	20

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. CBF, B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 14. Group Mean Average Food Consumed (g) per Day Data – Females (Continued)

Group		Day								
		259	287	315	343	371	399	423	427	451
CF	Mean	14.6	15.0	15.5	14.4	15.3	15.1	16.1	16.1	15.9
	SD	1.6	1.4	2.2	1.1	1.6	1.5	1.7	1.3	1.8
	N	20	20	20	20	20	20	20	20	20
CBF	Mean	15.4	15.6	15.8	14.9	15.5	15.4	16.3	16.5	17.4
	SD	1.7	1.4	1.7	1.7	1.9	1.9	2.1	1.4	2.3
	N	20	20	20	20	20	20	20	20	20
B0.2F	Mean	14.8	14.7	14.5	14.4	14.6	14.8	15.8	15.9	16.5
	SD	1.1	1.7	2.5	1.2	1.1	1.4	1.4	1.3	1.6
	N	20	20	20	20	19	20	20	20	20
B2F	Mean	14.4	15.0	15.5	14.5	15.1	15.3	15.6	15.7	17.1
	SD	1.0	1.4	1.3	1.2	1.4	1.4	2.0	2.7	2.6
	N	20	20	20	20	19	20	20	20	19
B5F	Mean	12.0 ^a	12.8 ^A	12.2 ^a	11.8 ^A	12.6 ^a	12.3 ^A	12.7 ^a	13.0 ^a	12.5 ^A
	SD	0.8	0.9	1.0	1.1	0.9	1.4	1.1	1.8	1.6
	N	20	20	20	19	20	20	20	20	20
E0.2F	Mean	15.3	16.0 ^B	16.0 ^b	14.6	15.7 ^B	15.2	17.0	16.6	16.7
	SD	1.3	1.3	1.5	2.0	1.1	1.7	2.6	2.3	1.8
	N	20	20	20	20	20	20	20	20	20
E2F	Mean	14.9	15.2	15.1	14.7	15.0	14.1 ^B	15.8	15.8	15.5 ^b
	SD	0.9	1.6	1.4	1.6	1.3	1.3	1.1	1.5	1.5
	N	20	20	20	20	20	20	20	20	20
E5F	Mean	13.1 ^{a,B}	13.4 ^A	12.9 ^{a,B}	12.8 ^{A,B}	13.1 ^a	12.5 ^A	13.1 ^a	13.7 ^a	13.2 ^A
	SD	1.1	1.2	1.1	1.2	1.2	1.5	1.4	1.3	1.5
	N	20	20	20	20	20	20	20	20	20

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. CBF, B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 14. Group Mean Average Food Consumed (g) per Day Data – Females (Continued)

Group		Day								
		455	479	483	507	511	535	539	563	567
CF	Mean	16.3	16.9	16.0	16.1	15.3	15.2	14.7	15.9	16.3
	SD	1.6	1.8	1.5	1.8	3.5	2.0	2.1	2.0	2.0
	N	20	20	20	20	20	20	20	20	20
CBF	Mean	16.5	17.4	15.8	16.8	16.3	16.4	16.3	17.2	16.9
	SD	2.2	2.0	1.7	3.0	1.8	2.4	3.2	2.2	3.6
	N	20	20	20	20	20	20	20	20	20
B0.2F	Mean	16.1	15.9	15.5	15.4	15.6	15.0	15.2	15.6	14.8
	SD	1.1	2.2	1.8	1.6	1.6	1.8	1.6	1.5	3.0
	N	20	20	20	20	20	19	19	20	20
B2F	Mean	16.6	16.3	15.6	15.4	15.7	14.7	15.6	15.8	16.0
	SD	2.0	2.6	2.4	2.6	3.1	1.5	1.3	2.1	2.6
	N	20	20	20	20	20	20	20	19	20
B5F	Mean	13.3 ^a	12.7 ^a	12.6 ^a	12.5 ^a	13.0 ^a	13.0 ^a	13.4	13.0 ^A	13.0 ^a
	SD	1.1	1.1	1.0	1.4	1.7	2.0	2.1	1.7	1.2
	N	20	20	19	19	20	20	20	20	20
E0.2F	Mean	16.5	17.6	16.4	16.5	16.5	15.3	16.3	16.4	17.2 ^B
	SD	2.0	3.2	1.7	1.9	2.1	3.7	2.8	1.6	2.5
	N	20	20	20	20	20	20	19	20	20
E2F	Mean	15.9	15.9	15.5	15.8	15.0	15.7	15.1	16.5	18.8
	SD	2.0	1.9	2.5	2.3	2.8	1.7	2.3	2.6	11.1
	N	20	20	20	19	20	20	20	20	20
E5F	Mean	13.0 ^a	13.2 ^a	13.7 ^a	13.3 ^a	13.2 ^a	13.0 ^a	13.1	14.0 ^A	13.6 ^a
	SD	1.5	1.8	3.5	2.1	1.8	2.6	2.8	1.8	2.1
	N	12	20	20	20	20	20	20	20	20

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. CBF, B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 14. Group Mean Average Food Consumed (g) per Day Data – Females (Continued)

Group		Day								
		591	595	619	623	647	651	675	679	703
CF	Mean	16.2	16.8	16.4	16.3	17.5	16.5	16.3	16.7	16.1
	SD	2.6	2.4	2.6	2.4	2.6	2.1	2.4	2.3	2.5
	N	20	20	19	19	18	19	19	19	19
CBF	Mean	18.0	18.4	16.9	17.2	17.0	17.1	17.6	17.2	16.5
	SD	3.5	2.6	3.4	3.2	4.1	2.6	3.3	2.5	3.5
	N	20	20	20	20	20	20	20	20	20
B0.2F	Mean	15.7	16.4	15.4	15.3	15.4 ^a	15.6	15.2	15.9	14.6
	SD	1.5	1.6	1.7	2.3	2.4	3.0	1.8	1.7	3.1
	N	20	20	20	18	20	20	20	20	20
B2F	Mean	17.3	18.1	16.9	17.1	16.0	16.4	16.3	16.7	16.7
	SD	4.3	5.2	6.5	3.7	3.4	2.5	2.7	3.1	2.8
	N	20	20	19	19	20	20	20	20	20
B5F	Mean	12.9 ^a	13.6 ^a	13.1 ^a	13.7 ^a	13.1 ^a	12.9 ^a	13.3 ^a	13.3 ^A	13.7 ^A
	SD	1.6	1.3	1.4	1.4	1.8	1.5	1.8	1.9	2.5
	N	20	20	20	20	20	20	20	20	20
E0.2F	Mean	16.1	17.5	16.2	18.3 ^b	17.1	17.7	16.8	16.3	14.8
	SD	2.0	2.1	1.9	3.9	2.9	4.8	4.7	2.8	2.8
	N	20	20	19	19	20	20	20	18	19
E2F	Mean	15.8	17.2	15.5	16.0	16.3	15.9	15.8	15.6	15.0 ^b
	SD	1.8	1.6	1.7	1.4	2.4	1.9	1.7	1.7	1.7
	N	20	20	20	20	19	20	20	20	20
E5F	Mean	13.2 ^a	13.3 ^a	13.5 ^a	13.5 ^a	13.0 ^a	12.7 ^a	13.7 ^a	13.3 ^A	13.5 ^A
	SD	3.9	2.6	2.2	2.2	3.2	2.1	1.8	2.2	2.2
	N	20	20	20	20	20	20	20	19	20

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. CBF, B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

Table 14. Group Mean Average Food Consumed (g) per Day Data – Females (Continued)

Group	Day			% Difference from CF*
		707	Grand Mean \pm SD	
CF	Mean	15.9	15.2	--
	SD	2.5	1.0	
	N	19		
CBF	Mean	16.6	15.8	3.9
	SD	3.1	1.2	
	N	20		
B0.2F	Mean	15.2	14.8	-2.6
	SD	2.7	0.9	
	N	20		
B2F	Mean	16.2	15.2	0
	SD	2.5	1.2	
	N	20		
B5F	Mean	14.1 ^a	12.6	-17.1
	SD	2.4	0.7	
	N	20		
E0.2F	Mean	15.0	15.6	-2.6
	SD	3.0	1.2	
	N	19		
E2F	Mean	15.7	15.0	-1.3
	SD	2.1	1.1	
	N	20		
E5F	Mean	13.5 ^a	12.9	-15.1
	SD	1.4	0.6	
	N	20		

Multiple comparisons were made according to the letters listed below. Capital letters indicate the comparison was significantly different at $p \leq 0.05$ with Dunnett's test of significance; lower case letters indicate comparisons were significantly different at $p \leq 0.05$ with Modified t-test. A = CF vs. CBF, B0.2F, B2F, B5F, E0.2F, E2F, E5F.

B = Corresponding blend vs. extract dose groups (B0.2F vs. E0.2F, B2F vs. E2F, and B5F vs. E5F).

* Grand mean percent change relative to CF.

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Adrenal Gland	Number Examined:	58	60	60	59	60	60	60	60
Atrophy		0	0	1	0	0	0	0	0
B-Adenoma, Cortical		0	0	0	1	0	0	0	0
B-Ganglioneuroma		0	1	0	1	0	0	0	0
B-Pheochromocytoma		3	2	4	0	0	1	0	0
Degeneration, Cystic		0	1	0	2	1	0	0	0
Extramedullary Hematopoiesis (emh)		0	0	0	1	0	1	0	0
F-Lymphoma		0	0	0	0	0	0	0	1
Hemorrhage		0	1	0	0	0	0	0	0
Hyperplasia, Cortex		33	29	23	36	37	32	35	20
Hyperplasia, Medulla		0	1	2	4	0	1	1	1
Hyperplasia, Spindle Cell		0	0	0	0	0	0	1	0
Hypertrophy, Cortex		19	2	9	6	14	8	4	9
Infarct		0	0	0	0	0	0	0	0
M-Transitional Cell Carcinoma (metastatic)		0	0	0	0	0	0	0	0
Necrosis, Cortex		0	0	0	1	0	0	0	0
Thrombosis		0	0	0	0	0	0	0	0
Vacuolization, Cytoplasm, Cortex		16	16	14	11	18	10	10	16
Bone	Number Examined:	2	1	0	0	0	0	0	1
B-Granular Cell Tumor		1	0	-	-	-	-	-	0
B-Osteoma		1	0	-	-	-	-	-	0
F-Lymphoma		0	0	-	-	-	-	-	1
M-Osteosarcoma		0	1	-	-	-	-	-	0
Bone Marrow	Number Examined:	58	60	60	60	60	60	60	60
F-Lymphoma		0	0	0	1	0	0	0	2
Hyperplasia		0	0	0	1	0	0	0	0
Infarct		0	0	0	0	0	0	0	2
M-Histiocytic Sarcoma		0	0	0	0	0	1	0	0
Marrow Lipomatosis		0	0	0	0	6	0	0	0

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

Tissue/Observation		Group:	Number Observed Per Group						
			CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M
Brain	Number Examined:	58	60	60	60	60	60	60	60
B-Granular Cell Tumor		1	0	0	1	1	0	0	0
F-Lymphoma		0	0	0	0	0	0	0	1
Hemorrhage		0	0	0	0	0	0	0	0
M-Astrocytoma		2	2	0	0	1	0	0	0
M-Medulloblastoma		0	0	0	0	0	0	0	0
M-Oligodendroglioma		0	0	0	0	0	0	0	0
Cecum	Number Examined:	58	60	60	60	60	60	60	59
F-Lymphoma		0	0	0	0	0	0	0	0
Hyperplasia, Lymphoid, Submucosa		1	1	0	1	0	0	0	0
Inflammation		1	0	0	2	0	0	0	0
Colon	Number Examined:	58	60	60	60	60	60	60	60
Hyperplasia, Lymphoid, Submucosa		2	8	1	3	0	2	4	3
Metazoan Parasite, Lumen		1	0	0	1	1	1	1	1
Duodenum	Number Examined:	58	60	60	60	60	60	60	60
Hyperplasia, Lymphoid, Submucosa		0	2	0	0	0	0	0	0
Epididymis	Number Examined:	58	60	60	60	60	60	60	60
Atrophy, Bilateral		0	0	0	0	0	0	0	0
Atrophy, Unilateral		0	0	0	1	0	0	0	0
Inflammation		0	0	0	0	1	0	1	1
M-Mesothelioma		0	0	0	0	3	0	1	0
Esophagus	Number Examined:	58	59	59	60	60	60	60	60
Dilatation, Lumen		0	0	0	0	0	0	0	0
Inflammation		0	0	1	0	0	0	0	0
Eye	Number Examined:	58	60	60	60	60	60	60	60
Atrophy, Retina		0	0	0	0	1	0	0	0
Atrophy/Degeneration		0	0	0	0	0	1	0	0
B-Schwannoma, Optic Nerve		0	0	0	0	0	0	0	0
Cataract		0	0	0	0	2	0	0	0

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

		Number Observed Per Group							
Tissue/Observation	Group:	CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
F-Lymphoma		0	0	0	0	0	0	0	1
Hemorrhage, Anterior Chamber		0	0	0	0	0	1	0	0
Inflammation, Ocular		0	0	1	0	0	0	0	0
Inflammation, Periocular		0	0	0	0	0	1	0	0
Retinal Detachment		0	0	0	0	1	0	0	0
Ulcer, Cornea		0	0	0	0	0	0	0	0
Femur	Number Examined:	58	60	60	60	60	60	60	60
No Remarkable Observations									
Harderian Gland	Number Examined:	58	60	59	58	60	60	60	60
Atrophy		0	0	1	0	0	0	0	0
B-Adenoma		0	0	1	0	0	0	0	0
Basophilic Hypertrophic Focus		0	0	0	0	0	0	0	1
F-Lymphoma		0	0	0	0	0	0	0	1
Hyperplasia, Follicular Lymphoid		0	0	0	0	0	0	0	1
Hyperplasia, Glandular Epithelium		0	1	1	1	0	2	1	0
Inflammation		0	1	0	1	1	0	1	2
Heart	Number Examined:	58	59	59	60	60	60	60	60
B-Schwannoma, Endocardial		0	0	0	0	0	2	0	0
Cardiomyopathy		38	38	38	37	37	35	40	38
Hyperplasia, Endothelium		0	0	1	0	0	0	0	0
Inflammation		0	0	0	0	0	0	0	0
M-Transitional Cell Carcinoma, Metastatic (heart)		0	0	0	0	0	0	0	0
Mineralization		0	0	0	1	0	0	0	0
Thrombosis		0	0	0	0	1	0	0	0
Ileum	Number Examined:	58	60	60	60	60	60	60	60
No Remarkable Observations									

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Jejunum	Number Examined:	58	60	60	60	60	60	60	60
Diverticulum		0	0	2	2	0	1	1	0
Hyperplasia, Lymphoid, Submucosa		0	7	0	1	0	1	0	0
Inflammation		0	0	0	1	0	1	0	0
M-Carcinoma		0	0	1	0	0	0	0	0
Ulcer		0	0	0	0	0	1	0	0
Kidney	Number Examined:	58	60	60	60	60	60	60	60
Atrophy		0	0	0	0	0	0	0	0
B-Adenoma, Tubular		0	0	0	0	0	1	0	1
B-Lipoma		0	0	0	0	0	0	1	1
Cyst(s), Tubular		4	1	0	1	0	1	0	1
F-Lymphoma		0	0	0	0	0	0	0	1
Hemorrhage		0	0	0	0	0	0	1	0
Hydronephrosis		2	6	3	4	4	5	2	4
Hyperplasia, Transitional Epithelium		0	2	0	0	0	0	0	0
Hyperplasia, Tubular		0	0	0	1	0	0	0	0
Infarct, Chronic		0	0	0	1	0	1	0	0
Inflammation		3	8	5	4	3	4	4	7
M-Transitional Cell Carcinoma, metastatic (kidney)		0	0	0	0	0	0	0	0
Mineralization		0	0	0	1	0	0	0	1
Necrosis, Papillary		2	0	0	0	1	0	0	0
Nephropathy		26	24	26	26	35	20	29	26
Thrombosis		0	0	0	0	0	0	1	0
Liver	Number Examined:	58	60	60	60	60	60	60	60
Atrophy		0	0	1	0	0	0	0	0
B-Adenoma, Biliary		0	0	0	0	0	0	0	0
B-Adenoma, Hepatocellular		0	0	0	0	0	0	0	1

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Cyst(s), Bile Ducts		2	0	0	0	0	0	0	0
Degeneration, Hepatocyte		0	0	0	0	0	1	0	0
Dilatation, Bile Duct		1	2	0	0	3	1	0	2
Extramedullary Hematopoiesis (emh)		0	0	0	1	0	0	0	0
F-Lymphoma		0	0	0	0	0	0	0	1
Fibrosis		0	0	0	0	3	0	0	0
Focus, Basophilic Cell		6	19	12	3	8	3	21	4
Focus, Clear Cell		5	12	11	4	7	9	12	4
Focus, Eosinophilic		0	1	1	0	5	0	2	1
Focus, Mixed Cell		0	4	11	2	6	2	1	2
Hemorrhage		0	0	1	0	0	0	0	0
Hemosiderin Pigment		0	0	0	0	0	0	0	0
Hepatodiaphragmatic Nodule (hdn)		0	0	0	0	1	0	1	0
Hyperplasia, Bile Duct		10	17	2	10	8	14	16	8
Hyperplasia, Nodular, Hepatocyte		0	0	0	0	0	0	1	0
Inflammation		5	0	2	2	6	2	3	2
Inflammation, Artery		1	0	0	0	0	0	0	0
Lipidosis, Diffuse		3	0	0	1	0	1	0	0
Lipidosis, Focal		1	0	0	2	4	1	1	1
Lipidosis, Multifocal		13	6	2	6	11	5	8	0
M-Histiocytic Sarcoma		0	0	0	0	0	1	0	0
M-Leiomyosarcoma, Metastatic (stomach)		0	0	0	0	0	0	0	0
M-Transitional Cell Carcinoma, Metastatic (liver)		0	0	0	0	0	0	0	0
Necrosis, Hepatocellular		0	1	0	0	0	0	0	0
Necrosis, Hepatocyte		0	0	1	2	0	0	0	0
Telangiectasis		0	4	3	1	0	1	1	0
Thrombosis		0	1	0	0	0	0	0	0

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

		Number Observed Per Group							
Tissue/Observation	Group:	CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Lung	Number Examined:	58	59	60	60	60	60	60	60
Alveolar Macrophages, Increased		18	8	4	12	17	8	8	15
B-Adenoma, Bronchiolar-Alveolar		1	0	0	0	0	1	1	0
Dysplasia, Bronchiolar		0	0	0	0	0	0	0	0
Eosinophilic Crystals		0	0	0	0	1	0	1	0
F-Lymphoma		0	0	0	0	0	0	0	1
Fibrosis, Interstitial		0	0	0	0	0	0	0	0
Hyperplasia, Alveolar Epithelium		1	3	2	2	1	3	3	0
Inflammation		1	0	2	0	4	4	4	0
Inflammation, Foreign Body		0	0	0	1	0	0	0	0
M-Carcinoma, Basal Cell, Metastatic (skin)		0	1	0	0	0	0	0	0
M-Carcinoma, Bronchiolar-Alveolar		0	0	0	0	1	0	0	0
M-Carcinoma, Metastatic (skin)		0	0	0	0	0	0	0	1
M-Carcinoma, Metastatic (uterus)		0	0	0	0	0	0	0	0
M-Histiocytic Sarcoma		0	0	0	0	0	0	0	0
M-Mesothelioma		0	0	0	0	0	0	1	0
M-Osteosarcoma, Metastatic (bone)		0	1	0	0	0	0	0	0
M-Osteosarcoma, Metastatic (skeletal Muscle)		0	0	0	0	0	0	0	0
M-Transitional Cell Carcinoma, Metastatic (lung)		0	0	0	0	0	0	0	0
Thrombosis		0	0	0	0	1	0	0	0
Lymph Node, Mandibular	Number Examined:	0	0	0	2	0	0	1	2
Cystic Degeneration		-	-	-	2	-	-	1	1
F-Lymphoma		-	-	-	0	-	-	0	1
Hyperplasia, Plasma Cell		-	-	-	2	-	-	0	0

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Lymph Node, Mediastinal	Number Examined:	0	0	0	0	0	0	1	3
F-Lymphoma		-	-	-	-	-	-	0	1
Inflammation		-	-	-	-	-	-	0	2
M-Histiocytic Sarcoma		-	-	-	-	-	-	0	0
M-Leiomyosarcoma, Metastatic (testis)		-	-	-	-	-	-	1	0
M-Transitional Cell Carcinoma, Metastatic (lymph node, mediastinal)		-	-	-	-	-	-	0	0
Lymph Node, Mesenteric	Number Examined:	58	60	60	60	60	60	60	60
B-Hemangioma		0	0	0	0	0	2	3	0
Cystic Degeneration		0	0	0	1	0	1	0	1
F-Lymphoma		0	0	0	0	0	0	0	1
Hyperplasia, Plasma Cell		0	0	0	1	0	0	0	0
M-Hemangiosarcoma		0	1	1	4	1	2	0	0
M-Histiocytic Sarcoma		0	0	0	0	0	1	0	0
M-Leiomyosarcoma, Metastatic (stomach)		0	0	0	0	0	0	0	0
M-Transitional Cell Carcinoma, Metastatic (lymph node, mesenteric)		0	0	0	0	0	0	0	0
Sinus Histiocytosis		0	6	0	1	0	1	2	0
Lymph Node, Other	Number Examined:	1	0	1	1	0	1	0	2
Cystic Degeneration		1	-	0	1	-	1	-	1
F-Lymphoma		0	-	0	0	-	0	-	1
Hyperplasia, Plasma Cell		1	-	1	0	-	0	-	0
M-Hemangiosarcoma		0	-	0	0	-	0	-	0
M-Histiocytic Sarcoma		0	-	0	0	-	0	-	0
M-Transitional Cell Carcinoma, Metastatic (lymph node, other)		0	-	0	0	-	0	-	0

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Mammary Gland	Number Examined:	58	59	60	60	60	60	60	60
B-Adenoma		0	2	0	0	1	1	2	1
B-Lipoma, Infiltrative		0	0	0	0	0	0	0	0
Cyst(s), Ductal		0	1	0	0	0	0	0	0
F-Lymphoma		0	0	0	0	0	0	0	0
Fibrosis, Periductal		0	0	0	0	0	0	0	0
Hyperplasia		0	0	0	0	0	0	0	0
Inflammation		0	0	0	0	0	0	0	0
M-Carcinoma		0	0	0	0	0	0	0	0
M-Carcinosarcoma		0	0	0	0	0	0	0	0
Mesentery	Number Examined:	0	1	0	0	1	0	1	0
Cyst(s), Ectopic Epithelium		-	0	-	-	1	-	0	-
M-Histiocytic Sarcoma		-	0	-	-	0	-	0	-
M-Mesothelioma		-	0	-	-	0	-	1	-
M-Transitional Cell Carcinoma, Metastatic (mesentery)		-	0	-	-	0	-	0	-
Necrosis		-	1	-	-	0	-	0	-
Necrosis, Mesenteric Fat		-	0	-	-	1	-	0	-
Nose/Turbinates	Number Examined:	58	60	60	60	60	60	60	60
B-Adenoma		0	0	0	0	0	1	0	0
Hyperplasia, Glandular Epithelium		0	0	0	1	0	0	0	0
Inflammation		1	3	4	0	0	4	0	1
M-Carcinoma, Squamous Cell		0	0	0	0	0	0	0	0
Squamous Metaplasia (respiratory Epithelium)		0	1	0	0	0	1	0	0
Oral Mucosa	Number Examined:	58	60	60	60	60	60	60	60
Cystic Sebaceous Gland, Ectopic		0	0	0	0	0	0	1	0
M-Carcinoma, Squamous Cell		0	0	1	1	0	0	0	0

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Pancreas	Number Examined:	58	60	60	60	60	60	60	60
Atrophy, Acinar Cell		5	3	3	1	4	6	2	10
B-Islet Cell Tumor		1	1	0	2	0	1	2	0
Basophilic Focus, Acinar Cell		1	0	0	0	0	0	0	0
Cyst(s)		0	0	0	0	0	0	0	1
F-Lymphoma		0	0	0	0	0	0	0	1
Hemorrhage		0	0	0	0	0	0	0	1
Hyperplasia, Acinar Cell		1	1	1	0	1	1	0	1
Hyperplasia, Islet Cell		0	1	0	0	1	0	0	0
Inflammation		0	0	0	0	0	0	0	0
Lipomatosis		5	1	0	0	0	0	0	1
M-Carcinoma, Exocrine		0	0	1	0	0	0	0	0
M-Transitional Cell Carcinoma, Metastatic (pancreas)		0	0	0	0	0	0	0	0
Parathyroid	Number Examined:	50	49	55	46	55	54	47	45
B-Adenoma		1	0	0	0	0	0	0	0
Fibrosis		0	0	1	0	0	0	0	0
Hyperplasia		1	0	0	3	4	1	0	0
Penis	Number Examined:	0	0	0	0	0	1	0	0
Inflammation		-	-	-	-	-	1	-	-
M-Lymphoma, Epitheliotropic		-	-	-	-	-	1	-	-
Peripheral Nerve	Number Examined:	0	0	0	0	0	0	0	0
No Remarkable Observations									
Pharynx	Number Examined:	57	58	57	60	58	60	59	60
Hyperplasia, Mucosal Epithelium		1	0	0	0	0	0	0	0
Inflammation		1	0	0	1	2	0	0	0

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Pituitary Gland	Number Examined:	58	59	60	60	60	59	60	60
B-Adenoma, Pars Distalis		15	10	16	10	7	16	9	11
B-Adenoma, Pars Intermedia		2	0	1	0	0	1	2	1
Cyst(s), Pars Distalis		0	0	0	0	0	0	0	0
F-Lymphoma		0	0	0	0	0	0	0	1
Hyperplasia, Pars Distalis		22	15	13	21	24	14	21	14
Hyperplasia, Pars Intermedia		0	1	2	2	0	1	1	1
M-Carcinoma, Pars Distalis		3	0	0	0	1	0	2	1
M-Carcinoma, Pars Intermedia		0	0	0	0	0	0	0	1
Preputial Gland	Number Examined:	58	59	60	60	60	60	59	60
Cyst(s)		0	0	0	0	0	0	0	1
Inflammation		8	11	8	2	3	9	12	10
M-Carcinoma		0	0	0	0	0	0	0	1
Prostate	Number Examined:	58	60	60	60	60	60	60	60
Atrophy		0	1	0	0	0	0	0	0
B-Adenoma		0	0	0	0	0	0	1	0
F-Lymphoma		0	0	0	0	0	0	0	1
Hyperplasia, Duct Epithelium		10	7	5	8	8	3	5	10
Inflammation		14	11	3	9	8	7	5	5
M-Carcinoma		0	0	0	0	0	0	1	0
Rectum	Number Examined:	58	60	60	60	60	60	60	60
B-Leiomyoma		0	0	0	0	0	0	1	0
Lymphoid Hyperplasia, Submucosa		1	1	0	0	0	0	2	0
Metazoan Parasite(s)		3	8	4	2	5	5	2	1
Salivary Gland	Number Examined:	58	59	59	60	60	60	60	60
Atrophy		0	0	0	0	0	0	0	0
B-Schwannoma		0	0	0	0	0	0	1	0
Basophilic Hypertrophic Focus		0	0	0	0	0	0	0	1
F-Lymphoma		0	0	0	0	0	0	0	1

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Hyperplasia, Duct Epithelium		0	0	0	0	0	0	1	0
Inflammation		0	0	0	1	0	0	1	1
M-Carcinoma		0	0	0	0	0	0	0	0
Necrosis		0	0	0	1	0	0	0	0
Sciatic Nerve	Number Examined:	58	60	60	60	60	60	60	60
No Remarkable Observations									
Seminal Vesicle	Number Examined:	58	60	60	60	60	60	60	60
Atrophy		0	1	1	0	0	0	1	0
Duct Ectasia		0	0	0	1	0	0	0	0
Hyperplasia, Duct Epithelium		0	1	0	0	0	0	0	0
Inflammation		0	0	0	1	0	0	0	1
Skeletal Muscle	Number Examined:	58	60	60	60	60	60	60	60
Atrophy		0	0	0	0	0	0	1	0
Inflammation		0	0	0	0	0	0	0	1
M-Osteosarcoma, Extraskelatal		0	0	0	0	0	0	0	0
M-Rhabdomyosarcoma		0	1	0	0	0	0	0	0
M-Schwannoma		0	0	0	0	0	0	0	0
Myodegeneration		0	0	0	0	0	0	0	1
Skin	Number Examined:	58	59	60	60	60	60	60	60
B-Adenoma, Basal Cell		1	1	0	0	0	2	0	0
B-Adenoma, Sebaceous Gland		0	1	0	0	0	0	0	0
B-Fibroma		0	0	0	0	0	0	0	0
B-Granular Cell Tumor		0	0	0	0	0	1	0	0
B-Keratoacanthoma		0	0	0	0	0	0	1	0
B-Lipoma		1	0	0	0	0	0	0	0
B-Papilloma, Squamous Cell		0	0	0	1	0	0	0	0
B-Trichoepithelioma		0	0	0	0	0	0	1	0
Cyst, Epithelial Inclusion		1	0	2	1	0	0	0	1

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
F-Lymphoma		0	0	0	0	1	0	0	0
Fibrosis, Dermis		0	0	0	0	0	0	0	0
Hyperplasia, Epidermis		4	0	1	1	1	0	3	0
Inflammation		14	7	8	7	5	7	4	2
M-Carcinoma, Apocrine Gland		0	0	0	0	0	0	0	0
M-Carcinoma, Basal Cell		1	1	0	0	0	0	0	1
M-Carcinoma, Sebaceous Gland		0	0	0	0	0	0	0	0
M-Carcinoma, Squamous Cell		0	0	0	0	0	0	0	0
M-Fibrosarcoma		0	0	0	1	0	0	0	1
M-Histiocytic Sarcoma		0	0	0	0	0	0	0	0
M-Schwannoma		0	1	0	0	0	0	0	0
Osseous Metaplasia		0	0	1	0	0	0	0	0
Ulcer, Epidermis		13	21	10	6	4	16	6	4
Spinal Cord	Number Examined:	58	60	60	60	60	60	60	60
M-Ependymoma, Anaplastic		0	0	0	1	0	0	0	0
Spleen	Number Examined:	58	60	60	60	60	60	60	60
Atrophy, Lymphoid		2	0	2	2	1	0	0	1
B-Hemangioma		0	1	0	0	1	0	0	0
Cyst(s)		0	0	0	0	0	0	0	0
Extramedullary Hematopoiesis (emh)		10	5	0	1	6	4	6	4
F-Lymphoma		0	0	0	1	0	0	0	1
Fibrosis		0	0	0	0	0	0	0	0
Hyperplasia, Lymphoid		0	0	2	0	0	0	0	0
Hyperplasia, Plasma Cell		0	0	0	0	0	1	0	0
Infarct		0	0	0	0	0	0	0	0
M-Hemangiosarcoma		0	1	0	0	0	0	0	0
M-Transitional Cell Carcinoma, Metastatic (spleen)		0	0	0	0	0	0	0	0

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Sternum	Number Examined:	58	59	60	60	60	60	60	60
Fibrosis		0	1	0	0	0	0	0	0
M-Osteosarcoma		0	0	0	0	0	0	0	0
Stomach	Number Examined:	58	60	60	60	60	60	60	60
B-Fibropapilloma		0	0	0	0	0	0	0	0
Dysplasia, Non-Glandular Epithelium		0	0	0	0	0	1	0	0
F-Lymphoma		0	0	0	0	0	0	0	0
Hyperplasia, Mucosa, Glandular		0	0	0	0	0	0	0	0
Hyperplasia, Mucosa, Non-Glandular		1	2	2	0	1	0	1	1
Inflammation, Glandular		0	1	1	0	0	0	2	1
Inflammation, Non-Glandular		3	2	1	0	2	1	0	2
M-Leiomyosarcoma		0	0	0	0	0	0	0	0
Mineralization		0	0	0	1	2	0	0	0
Mucosal Cyst, Non-Glandular		0	0	1	1	0	0	1	0
Neuroendocrine Tissue, Ectopic		0	0	0	0	0	0	1	0
Ulcer, Glandular		0	0	1	0	0	0	0	0
Ulcer, Non-Glandular		2	0	3	0	1	0	3	0
Testis	Number Examined:	58	60	60	60	60	60	60	60
Atrophy, Bilateral		4	8	2	4	4	4	0	5
Atrophy, Unilateral		4	4	6	6	5	8	6	2
B-Adenoma, Interstitial Cell		1	1	2	3	4	0	2	1
Edema, Interstitium		0	13	3	1	0	6	8	0
Hyperplasia, Interstitial Cell		0	0	0	0	0	0	0	1
Inflammation		0	0	0	1	0	0	0	0
M-Leiomyosarcoma		0	0	0	0	0	0	2	0
M-Mesothelioma		0	0	0	1	1	0	1	0
M-Sarcoma		0	0	0	0	0	0	0	1

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

Tissue/Observation		Group:	Number Observed Per Group						
			CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M
Thymus	Number Examined:	53	50	55	59	58	58	56	59
Cyst(s)		0	0	0	0	0	0	0	0
F-Lymphoma		0	1	0	0	0	0	0	3
Hemorrhage		0	0	0	1	0	0	0	0
Inflammation		0	0	0	0	0	0	0	0
M-Histiocytic Sarcoma		0	0	0	0	0	0	0	0
M-Thymoma		1	0	0	0	1	0	0	0
Thyroid Gland	Number Examined:	58	59	59	60	60	60	60	60
B-Adenoma, C-Cell		11	5	3	4	6	8	6	7
B-Adenoma, Follicular Cell		7	7	4	3	3	4	4	0
Hyperplasia, C-Cell		17	10	22	6	13	15	12	5
Hyperplasia, Follicular Cell		0	3	4	2	1	3	1	2
M-Carcinoma, Follicular Cell		0	1	0	2	0	0	1	0
Tongue	Number Examined:	58	59	60	60	60	60	60	60
Hyperplasia, Mucosal Epithelium		1	0	0	0	1	0	0	0
Inflammation, Chronic		0	0	0	0	0	0	0	0
M-Carcinoma, Squamous Cell		0	0	0	0	0	0	1	0
Tooth	Number Examined:	1	0	0	0	0	0	1	0
Inflammation		1	-	-	-	-	-	1	-
Trachea	Number Examined:	58	59	59	60	60	60	60	60
Inflammation		0	0	1	0	0	0	0	1
Ureter	Number Examined:	0	0	0	0	0	0	1	1
Dilatation		-	-	-	-	-	-	1	0
Hemorrhage		-	-	-	-	-	-	0	1
Inflammation		-	-	-	-	-	-	0	1
Urinary Bladder	Number Examined:	58	60	60	60	60	60	60	60
Hyperplasia, Transitional Epithelium		0	0	0	1	0	0	1	0
Inflammation		0	0	0	1	0	0	0	2

Table 15. Incidence Summary of all Microscopic Observations, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
M-Carcinoma, Squamous Cell		0	0	0	0	0	0	0	0
M-Carcinoma, Transitional Cell		0	1	0	1	0	0	0	0
Zymbal's Gland	Number Examined:	56	59	60	60	60	60	60	60
Ductal Cyst		0	0	0	0	0	0	0	0
Hyperplasia		0	0	0	0	0	0	0	0
M-Carcinoma, Squamous Cell		0	0	0	2	1	0	1	0

B = Benign.

F = Infiltrative.

M = Malignant.

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Adrenal Gland	Number Examined:	60	60	60	60	59	60	59	59
Atrophy		0	0	1	0	0	0	0	1
B-Adenoma, Cortical		0	0	0	0	0	0	0	0
B-Ganglioneuroma		0	0	0	0	0	0	0	0
B-Pheochromocytoma		0	0	2	1	0	1	1	0
Degeneration, Cystic		1	3	4	1	1	4	11	1
Extramedullary Hematopoiesis (emh)		1	0	0	2	0	1	0	0
F-Lymphoma		0	1	0	0	0	0	0	0
Hemorrhage		0	0	0	0	0	0	0	0
Hyperplasia, Cortex		32	15	26	35	14	34	27	9
Hyperplasia, Medulla		1	0	1	4	0	5	1	2
Hyperplasia, Spindle Cell		0	0	0	0	0	0	0	0
Hypertrophy, Cortex		18	5	5	17	21	12	12	8
Infarct		0	0	0	1	0	0	0	0
M-Transitional Cell Carcinoma (metastatic)		0	0	0	0	0	0	0	0
Necrosis, Cortex		0	0	0	0	0	0	0	0
Thrombosis		0	0	0	0	2	0	0	0
Vacuolization, Cytoplasm, Cortex		4	3	3	1	2	4	2	4
Bone	Number Examined:	0	1	0	0	0	0	0	0
B-Granular Cell Tumor		-	0	-	-	-	-	-	-
B-Osteoma		-	0	-	-	-	-	-	-
F-Lymphoma		-	0	-	-	-	-	-	-
M-Osteosarcoma		-	1	-	-	-	-	-	-
Bone Marrow	Number Examined:	60	60	60	60	60	60	60	60
F-Lymphoma		0	0	0	0	0	0	0	0
Hyperplasia		0	0	0	0	0	0	0	0
Infarct		0	0	0	0	0	0	0	0
M-Histiocytic Sarcoma		0	0	0	0	0	0	0	0
Marrow Lipomatosis		0	0	0	0	0	0	0	0

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Brain	Number Examined:	60	60	60	60	60	60	60	60
B-Granular Cell Tumor		0	0	0	0	1	0	1	0
F-Lymphoma		0	0	0	0	0	0	0	0
Hemorrhage		0	0	0	0	0	0	0	0
M-Astrocytoma		0	0	0	0	1	0	0	0
M-Medulloblastoma		0	0	0	0	1	0	0	0
M-Oligodendroglioma		1	1	0	0	0	0	0	0
Cecum	Number Examined:	60	59	60	60	59	60	60	58
F-Lymphoma		0	0	0	0	0	0	1	0
Hyperplasia, Lymphoid, Submucosa		0	0	0	0	0	1	0	0
Inflammation		0	0	0	0	0	0	0	0
Clitoral Gland	Number Examined:	60	59	60	60	59	60	59	60
Cystic Duct		0	0	1	1	0	0	0	0
Inflammation		1	4	5	1	4	3	2	4
M-Carcinoma		0	0	0	0	1	0	0	0
Colon	Number Examined:	60	60	60	60	59	60	60	59
Hyperplasia, Lymphoid, Submucosa		9	6	4	4	2	4	2	4
Metazoan Parasite, Lumen		0	0	0	0	1	0	0	0
Duodenum	Number Examined:	60	60	60	60	59	60	60	59
Hyperplasia, Lymphoid, Submucosa		0	0	0	0	0	0	1	0
Esophagus	Number Examined:	60	60	60	59	60	60	60	58
Dilatation, Lumen		0	1	0	0	0	0	0	0
Inflammation		0	0	0	0	0	0	0	0
Eye	Number Examined:	60	60	60	60	60	60	60	60
Atrophy, Retina		1	0	0	0	0	0	0	0
Atrophy/Degeneration		0	0	0	0	0	0	0	0
B-Schwannoma, Optic Nerve		1	0	0	0	0	0	0	0
Cataract		0	0	0	0	0	0	0	1
F-Lymphoma		0	0	0	0	0	0	0	0

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Hemorrhage, Anterior Chamber		0	0	0	0	0	0	0	0
Inflammation, Ocular		1	1	0	0	0	0	0	0
Inflammation, Periocular		0	0	0	0	0	0	0	0
Retinal Detachment		0	0	0	0	0	0	0	0
Ulcer, Cornea		1	0	0	0	0	0	0	0
Femur	Number Examined:	60	60	60	60	60	60	60	60
No Remarkable Observations									
Harderian Gland	Number Examined:	60	60	60	60	60	60	60	59
Atrophy		0	0	0	0	0	0	0	0
B-Adenoma		0	0	0	0	0	0	0	0
Basophilic Hypertrophic Focus		0	0	0	0	0	0	0	0
F-Lymphoma		0	0	0	0	0	0	0	0
Hyperplasia, Follicular Lymphoid		0	0	0	0	0	0	0	0
Hyperplasia, Glandular Epithelium		0	2	0	1	0	1	0	2
Inflammation		0	0	0	1	0	0	1	1
Heart	Number Examined:	60	60	60	59	59	60	60	58
B-Schwannoma, Endocardial		0	1	0	1	0	2	1	0
Cardiomyopathy		22	21	17	18	23	25	21	13
Hyperplasia, Endothelium		0	0	0	1	0	1	0	0
Inflammation		1	0	0	0	0	0	0	0
M-Transitional Cell Carcinoma, Metastatic (heart)		0	0	0	1	0	0	0	0
Mineralization		0	0	0	0	0	0	0	0
Thrombosis		0	0	0	0	0	0	0	0
Ileum	Number Examined:	59	60	60	60	59	60	60	58
No Remarkable Observations									
Jejunum	Number Examined:	60	60	60	60	59	60	60	59
Diverticulum		0	1	0	0	0	0	0	0
Hyperplasia, Lymphoid, Submucosa		1	4	0	0	0	0	0	0

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Inflammation		0	1	0	0	0	0	0	0
M-Carcinoma		0	0	0	0	0	0	0	0
Ulcer		0	0	0	0	0	0	0	0
Kidney	Number Examined:	60	60	60	60	59	60	60	58
Atrophy		0	1	0	0	0	0	0	0
B-Adenoma, Tubular		0	0	0	0	0	0	0	0
B-Lipoma		1	0	0	0	0	0	0	0
Cyst(s), Tubular		1	3	2	0	0	1	1	1
F-Lymphoma		1	0	0	0	0	0	0	0
Hemorrhage		0	0	0	0	0	0	0	0
Hydronephrosis		2	4	1	3	2	3	2	5
Hyperplasia, Transitional Epithelium		2	2	0	0	3	3	3	3
Hyperplasia, Tubular		0	0	0	0	0	1	0	0
Infarct, Chronic		1	0	1	0	0	1	0	0
Inflammation		5	4	1	1	1	2	2	0
M-Transitional Cell Carcinoma, metastatic (kidney)		0	0	0	1	0	0	0	0
Mineralization		1	5	0	0	0	0	2	0
Necrosis, Papillary		0	0	0	0	0	0	0	0
Nephropathy		25	15	12	24	14	32	10	22
Thrombosis		0	0	0	0	0	0	0	0
Liver	Number Examined:	60	60	60	60	59	60	60	58
Atrophy		0	0	0	0	0	0	0	0
B-Adenoma, Biliary		0	1	0	0	0	0	1	0
B-Adenoma, Hepatocellular		1	0	0	0	0	0	0	0
Cyst(s), Bile Ducts		3	0	2	1	1	1	2	2
Degeneration, Hepatocyte		0	0	0	0	0	0	0	0
Dilatation, Bile Duct		1	0	0	2	2	1	3	2

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Extramedullary Hematopoiesis (emh)		0	1	0	1	0	0	0	1
F-Lymphoma		1	1	0	0	0	0	0	1
Fibrosis		1	0	0	0	0	0	0	1
Focus, Basophilic Cell		5	28	17	6	8	27	10	11
Focus, Clear Cell		1	1	3	0	0	0	0	1
Focus, Eosinophilic		2	1	1	0	0	1	2	1
Focus, Mixed Cell		0	0	0	0	2	1	1	1
Hemorrhage		0	0	0	0	0	0	0	0
Hemosiderin Pigment		1	0	0	0	0	0	0	1
Hepatodiaphragmatic Nodule (hdn)		0	0	1	0	0	1	2	1
Hyperplasia, Bile Duct		14	8	11	11	8	20	8	5
Hyperplasia, Nodular, Hepatocyte		0	0	1	0	0	0	0	0
Inflammation		1	0	1	3	1	3	0	0
Inflammation, Artery		0	0	0	0	0	0	0	0
Lipidosis, Diffuse		1	0	1	2	0	1	0	0
Lipidosis, Focal		1	3	0	2	1	1	0	1
Lipidosis, Multifocal		2	0	1	0	0	0	0	0
M-Carcinoma, Metastatic (uterus)		0	0	0	0	0	0	0	1
M-Histiocytic Sarcoma		0	0	0	0	0	0	1	0
M-Leiomyosarcoma, Metastatic (stomach)		0	0	0	0	0	0	0	1
M-Transitional Cell Carcinoma, Metastatic (liver)		0	0	0	1	0	0	0	0
Necrosis, Hepatocellular		0	0	0	0	0	0	0	1
Necrosis, Hepatocyte		0	0	1	0	0	0	0	0
Telangiectasis		1	0	1	0	0	0	0	0
Thrombosis		0	0	0	0	1	0	0	0
Lung	Number Examined:	60	60	60	59	59	60	60	58
Alveolar Macrophages, Increased		15	7	7	10	21	10	10	8
B-Adenoma, Bronchiolar-Alveolar		0	0	0	0	0	0	1	0

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Dysplasia, Bronchiolar		0	0	0	1	0	0	0	0
Eosinophilic Crystals		0	0	0	0	0	0	0	0
F-Lymphoma		1	1	0	0	0	0	1	1
Fibrosis, Interstitial		0	1	0	0	0	0	0	0
Hyperplasia, Alveolar Epithelium		0	1	0	0	0	2	2	2
Inflammation		5	3	2	3	2	2	3	3
Inflammation, Foreign Body		0	0	0	0	0	0	0	0
M-Carcinoma, Basal Cell, Metastatic (skin)		0	0	0	0	0	0	0	0
M-Carcinoma, Bronchiolar-Alveolar		0	0	0	0	0	0	0	0
M-Carcinoma, Metastatic (skin)		0	0	0	0	0	0	0	0
M-Carcinoma, Metastatic (uterus)		1	0	1	0	3	0	0	1
M-Histiocytic Sarcoma		0	0	0	0	0	0	1	0
M-Mesothelioma		0	0	0	0	0	0	0	0
M-Osteosarcoma, Metastatic (bone)		0	0	0	0	0	0	0	0
M-Osteosarcoma, Metastatic (skeletal Muscle)		1	0	0	0	0	0	0	0
M-Stromal Sarcoma, Metastatic (uterus)		0	1	0	0	0	0	0	0
M-Transitional Cell Carcinoma, Metastatic (lung)		0	0	0	1	0	0	0	0
Thrombosis		0	0	0	0	0	0	0	0
Lymph Node, Mandibular	Number Examined:	1	1	0	1	0	0	0	0
Cystic Degeneration		1	0	-	0	-	-	-	-
F-Lymphoma		0	0	-	0	-	-	-	-
Hyperplasia, Plasma Cell		0	1	-	1	-	-	-	-
Lymph Node, Mediastinal	Number Examined:	0	1	0	1	1	0	0	1
F-Lymphoma		-	0	-	0	0	-	-	1
Inflammation		-	0	-	0	0	-	-	0
M-Carcinoma, Metastatic (uterus)		-	0	-	0	1	-	-	0
M-Histiocytic Sarcoma		-	1	-	0	0	-	-	0

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
M-Transitional Cell Carcinoma, Metastatic (lymph node, mediastinal)		-	0	-	1	0	-	-	0
Lymph Node, Mesenteric	Number Examined:	60	60	60	60	59	60	60	58
B-Hemangioma		0	0	0	0	0	2	0	0
Cystic Degeneration		1	0	0	0	0	0	0	0
F-Lymphoma		0	0	0	0	0	0	1	1
Hyperplasia, Plasma Cell		0	0	0	0	0	0	0	0
M-Carcinoma, Metastatic (uterus)		1	0	0	0	0	0	0	1
M-Hemangiosarcoma		0	0	0	0	0	0	0	0
M-Histiocytic Sarcoma		0	1	0	0	0	0	0	0
M-Leiomyosarcoma, Metastatic (stomach)		0	0	0	1	0	0	0	0
M-Transitional Cell Carcinoma, Metastatic (lymph node, mesenteric)		0	0	0	1	0	0	0	0
Sinus Histiocytosis		0	9	0	0	3	2	3	2
Lymph Node, Other	Number Examined:	1	0	0	1	0	0	1	3
Cystic Degeneration		0	-	-	0	-	-	0	0
F-Lymphoma		0	-	-	0	-	-	0	1
Hyperplasia, Plasma Cell		0	-	-	0	-	-	0	0
M-Carcinoma, Metastatic (uterus)		1	-	-	0	-	-	0	1
M-Hemangiosarcoma		0	-	-	0	-	-	0	1
M-Histiocytic Sarcoma		0	-	-	0	-	-	1	0
M-Transitional Cell Carcinoma, Metastatic (lymph node, other)		0	-	-	1	-	-	0	0
Mammary Gland	Number Examined:	60	60	60	60	60	60	60	60
B-Adenoma		8	14	9	10	2	14	8	8
B-Lipoma, Infiltrative		0	1	0	0	0	0	0	0
Cyst(s), Ductal		8	1	4	3	3	2	3	4
F-Lymphoma		1	1	0	0	0	0	0	0

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Fibrosis, Periductal		0	1	0	0	0	1	0	0
Hyperplasia		2	2	1	0	2	4	3	0
Inflammation		1	0	0	0	1	0	0	0
M-Carcinoma		1	0	2	1	4	1	1	3
M-Carcinosarcoma		0	0	1	0	0	0	0	0
Mesentery	Number Examined:	0	2	1	1	3	0	0	1
Cyst(s), Ectopic Epithelium		-	0	0	0	0	-	-	0
M-Carcinoma, Metastatic (uterus)		-	0	1	0	2	-	-	1
M-Histiocytic Sarcoma		-	1	0	0	0	-	-	0
M-Mesothelioma		-	0	0	0	1	-	-	0
M-Transitional Cell Carcinoma, Metastatic (mesentery)		-	0	0	1	0	-	-	0
Necrosis		-	0	0	0	0	-	-	0
Necrosis, Mesenteric Fat		-	1	0	0	0	-	-	0
Nose/Turbinates	Number Examined:	60	60	60	60	60	60	60	60
B-Adenoma		0	0	0	0	0	0	0	0
Hyperplasia, Glandular Epithelium		0	0	0	0	0	0	0	0
Inflammation		2	1	1	2	1	0	0	0
M-Carcinoma, Squamous Cell		1	0	0	0	0	0	0	0
Squamous Metaplasia (respiratory Epithelium)		0	0	0	0	0	0	0	0
Oral Mucosa	Number Examined:	60	60	60	59	60	60	60	60
Cystic Sebaceous Gland, Ectopic		0	0	0	0	0	0	0	0
M-Carcinoma, Squamous Cell		1	1	0	1	0	0	0	0
Ovary	Number Examined:	60	60	60	60	59	60	60	58
Atrophy		1	0	1	0	0	0	0	0
B-Adenoma		0	0	0	0	0	1	0	0
B-Dysgerminoma		0	0	0	0	0	0	0	1
B-Gonadal Stromal Tumor, Undifferentiated		0	0	0	0	0	0	2	0

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

		Number Observed Per Group							
Tissue/Observation	Group:	CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
B-Granulosa Cell Tumor		0	1	1	0	1	1	2	1
B-Luteoma		0	0	0	0	0	0	1	0
B-Sertoli Cell Tumor		0	1	0	0	0	0	1	0
B-Thecoma		0	1	0	0	1	0	0	0
Cyst(s)		12	5	7	17	18	8	13	19
Inflammation		0	0	0	1	0	1	0	0
M-Carcinoma, Metastatic (uterus)		0	0	0	0	0	0	0	2
M-Mesothelioma		0	0	0	0	1	0	0	0
Pancreas	Number Examined:	60	60	60	60	59	60	60	58
Atrophy, Acinar Cell		6	2	1	5	6	3	2	5
B-Islet Cell Tumor		0	0	0	0	0	0	0	0
Basophilic Focus, Acinar Cell		0	0	0	0	0	1	0	0
Cyst(s)		0	0	0	0	0	0	0	0
F-Lymphoma		0	1	0	0	0	0	0	0
Hemorrhage		0	0	0	0	0	0	0	0
Hyperplasia, Acinar Cell		0	0	0	1	0	0	0	1
Hyperplasia, Islet Cell		0	0	0	0	0	0	0	0
Inflammation		0	1	0	0	0	0	0	0
Lipomatosis		3	0	0	0	0	0	0	1
M-Carcinoma, Exocrine		0	0	0	0	0	0	0	0
M-Carcinoma, Metastatic (uterus)		0	0	2	0	1	0	0	1
M-Transitional Cell Carcinoma, Metastatic (pancreas)		0	0	0	1	0	0	0	0
Parathyroid	Number Examined:	53	47	51	45	51	52	48	50
B-Adenoma		0	1	0	0	0	0	0	0
Fibrosis		0	0	1	1	0	0	0	0
Hyperplasia		0	0	2	0	0	0	0	0
Peripheral Nerve	Number Examined:	1	0	0	0	0	0	0	0
No Remarkable Observations									

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

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Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Skeletal Muscle	Number Examined:	60	60	60	60	59	60	60	60
Atrophy		0	0	0	0	0	0	0	0
Inflammation		0	0	0	1	0	0	0	0
M-Carcinoma, Metastatic (uterus)		0	0	0	0	1	0	0	1
M-Osteosarcoma, Extraskkeletal		1	0	0	0	0	0	0	0
M-Rhabdomyosarcoma		0	2	0	0	0	0	0	0
M-Schwannoma		0	0	0	0	0	0	0	0
Myodegeneration		0	0	0	0	0	0	0	0
Skin	Number Examined:	60	60	60	60	59	60	60	60
B-Adenoma, Basal Cell		0	0	0	0	0	0	0	0
B-Adenoma, Sebaceous Gland		0	0	0	0	0	0	0	0
B-Fibroma		0	0	0	1	0	0	0	0
B-Granular Cell Tumor		0	0	0	0	0	0	0	0
B-Keratoacanthoma		0	0	0	0	0	0	0	0
B-Lipoma		0	0	0	0	0	0	1	0
B-Papilloma, Squamous Cell		1	0	1	0	0	0	0	0
B-Trichoepithelioma		0	0	0	0	0	0	0	0
Cyst, Epithelial Inclusion		0	0	0	0	0	0	0	0
F-Lymphoma		0	0	0	0	0	0	0	0
Fibrosis, Dermis		0	1	0	0	0	0	0	0
Hyperplasia, Epidermis		0	0	0	0	1	0	0	0
Inflammation		0	0	0	0	0	0	2	0
M-Carcinoma, Apocrine Gland		0	1	0	0	0	0	0	0
M-Carcinoma, Basal Cell		4	0	0	0	1	0	0	0
M-Carcinoma, Sebaceous Gland		0	0	0	0	0	0	0	0
M-Carcinoma, Squamous Cell		0	0	1	0	0	0	0	0
M-Fibrosarcoma		0	0	0	1	0	0	0	0
M-Histiocytic Sarcoma		0	0	1	0	0	0	0	0
M-Schwannoma		0	0	0	0	0	0	0	0

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Osseous Metaplasia		0	0	0	0	0	0	0	0
Ulcer, Epidermis		2	1	0	0	1	2	1	0
Spinal Cord	Number Examined:	60	60	60	60	60	60	60	60
M-Ependymoma, Anaplastic		0	0	0	0	0	0	0	0
Spleen	Number Examined:	60	60	60	60	59	60	60	58
Atrophy, Lymphoid		2	0	1	1	0	0	1	1
B-Hemangioma		0	0	0	0	0	0	1	0
Cyst(s)		1	0	0	0	0	0	0	0
Extramedullary Hematopoiesis (emh)		4	7	4	6	5	4	4	3
F-Lymphoma		1	0	0	0	0	0	0	1
Fibrosis		1	0	0	0	0	0	0	0
Hyperplasia, Lymphoid		0	1	0	0	0	1	0	0
Hyperplasia, Plasma Cell		0	0	0	0	0	0	0	0
Infarct		0	0	1	0	0	0	0	0
M-Hemangiosarcoma		0	0	0	0	0	0	1	0
M-Transitional Cell Carcinoma, Metastatic (spleen)		0	0	0	1	0	0	0	0
Sternum	Number Examined:	60	60	60	60	60	60	60	59
Fibrosis		0	0	0	0	0	0	0	0
M-Osteosarcoma		0	0	0	1	0	0	0	0
Stomach	Number Examined:	60	60	60	60	59	60	60	59
B-Fibropapilloma		0	1	0	0	1	0	0	0
Dysplasia, Non-Glandular Epithelium		0	0	0	0	0	0	0	0
F-Lymphoma		1	1	0	0	0	0	0	0
Hyperplasia, Mucosa, Glandular		0	0	0	0	0	1	0	0
Hyperplasia, Mucosa, Non-Glandular		3	0	1	1	2	0	0	0
Inflammation, Glandular		0	0	1	0	0	0	0	0
Inflammation, Non-Glandular		2	0	1	0	1	0	0	1
M-Leiomyosarcoma		0	0	0	1	0	0	0	1

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Mineralization		1	0	0	0	0	2	1	1
Mucosal Cyst, Non-Glandular		0	0	0	0	0	0	0	0
Neuroendocrine Tissue, Ectopic		0	0	0	0	0	0	0	0
Ulcer, Glandular		0	0	0	0	0	0	0	0
Ulcer, Non-Glandular		2	0	0	1	0	0	0	0
Thymus	Number Examined:	57	59	59	58	59	58	58	57
Cyst(s)		0	0	0	0	0	0	0	2
F-Lymphoma		1	0	0	0	0	1	1	0
Hemorrhage		0	0	0	0	0	0	0	0
Inflammation		0	0	0	0	0	0	1	1
M-Histiocytic Sarcoma		0	0	0	0	0	0	1	0
M-Thymoma		1	2	1	0	0	0	1	0
Thyroid Gland	Number Examined:	60	59	60	58	60	59	60	59
B-Adenoma, C-Cell		4	6	6	6	5	5	5	4
B-Adenoma, Follicular Cell		1	2	2	1	2	2	3	2
Hyperplasia, C-Cell		18	23	16	7	4	18	8	2
Hyperplasia, Follicular Cell		0	4	0	1	1	2	3	0
M-Carcinoma, Follicular Cell		0	0	1	0	0	0	0	0
Tongue	Number Examined:	60	59	60	58	60	59	60	59
Hyperplasia, Mucosal Epithelium		1	2	0	0	0	0	0	0
Inflammation, Chronic		1	0	0	0	0	0	0	1
M-Carcinoma, Squamous Cell		0	0	0	0	0	0	0	0
Tooth	Number Examined:	0	0	0	0	0	0	0	0
Inflammation		-	-	-	-	-	-	-	-
Trachea	Number Examined:	60	60	60	59	60	59	60	59
Inflammation		1	0	0	0	0	0	0	0

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

		Number Observed Per Group							
Tissue/Observation	Group:	CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Ureter	Number Examined:	0	0	0	0	0	0	0	0
Dilatation		-	-	-	-	-	-	-	-
Hemorrhage		-	-	-	-	-	-	-	-
Inflammation		-	-	-	-	-	-	-	-
Urinary Bladder	Number Examined:	60	59	60	60	59	60	59	59
Hyperplasia, Transitional Epithelium		0	1	0	0	0	0	0	0
Inflammation		0	0	0	0	0	0	0	0
M-Carcinoma, Metastatic (uterus)		0	0	0	0	1	0	0	0
M-Carcinoma, Squamous Cell		0	0	0	0	0	1	0	0
M-Carcinoma, Transitional Cell		0	0	0	1	0	0	0	0
Uterus	Number Examined:	60	60	60	60	59	60	60	59
B-Polyp, Endometrial Stromal		4	4	4	5	5	5	8	3
Dysplasia, Smooth Muscle		0	0	1	0	0	0	0	0
Endometrial Hyperplasia, Cystic (ceh)		12	17	5	16	16	10	15	13
Hemorrhage		0	1	1	0	0	0	0	0
Hyperplasia, Endometrium, Atypical		0	1	3	2	2	2	1	2
Inflammation		2	0	2	0	1	2	0	0
M-Carcinoma		1	0	5	3	7	3	0	4
M-Histiocytic Sarcoma		0	0	0	0	0	0	1	0
M-Sarcoma, Stromal		3	2	0	1	0	1	3	1
Squamous Metaplasia, Endometrium		0	0	0	0	0	2	0	0
Thrombosis		0	0	0	0	1	0	0	0
Vagina	Number Examined:	60	59	60	60	59	60	60	60
B-Hemangioma		0	0	0	0	0	1	0	0
B-Leiomyoma		0	2	0	0	0	0	0	0
B-Polyp		1	0	0	2	1	0	2	1
Fibrosis, Submucosa		0	0	0	0	0	0	1	0
Inflammation		0	0	1	0	0	0	0	0
M-Carcinoma, Squamous Cell		0	0	0	0	1	0	0	0

Table 16. Incidence Summary of all Microscopic Observations, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
M-Leiomyosarcoma		0	0	0	0	0	1	0	0
Prolapse		0	0	0	1	0	0	0	0
Zymbal's Gland	Number Examined:	60	59	60	60	60	60	60	60
Ductal Cyst		0	0	0	0	0	0	1	0
Hyperplasia		0	0	0	1	0	0	0	0
M-Carcinoma, Squamous Cell		1	1	0	0	0	0	0	0

B = Benign.

F = Infiltrative.

M = Malignant.

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males

Tissue/Observation		Group:	Number Observed Per Group							
			CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Adrenal Gland	Number Examined:	58	60	60	60	59	60	60	60	60
Atrophy		0	0	1	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Degeneration, Cystic		0	1	0	2	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Extramedullary Hematopoiesis (emh)		0	0	0	1	0	1	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hemorrhage		0	1	0	0	0	0	0	0	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Cortex		33	29	23	36	37	32	35	20	
	Average Severity:	0.8	0.7	0.6	1.0	1.0	1.0	0.8	0.5	
Hyperplasia, Medulla		0	1	2	4	0	1	1	1	
	Average Severity:	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	
Hyperplasia, Spindle Cell		0	0	0	0	0	0	1	0	
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Hypertrophy, Cortex		19	2	9	6	14	8	4	9	
	Average Severity:	0.6	0.1	0.2	0.1	0.3	0.2	0.1	0.2	
Infarct		0	0	0	0	0	0	0	0	
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Necrosis, Cortex		0	0	0	1	0	0	0	0	
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Thrombosis		0	0	0	0	0	0	0	0	
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Vacuolization, Cytoplasm, Cortex		16	16	14	11	18	10	10	16	
	Average Severity:	0.3	0.3	0.3	0.2	0.5	0.2	0.2	0.3	
Bone	Number Examined:	2	1	0	0	0	0	0	0	1
No Remarkable Observations										

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

		Number Observed Per Group							
Tissue/Observation	Group:	CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Bone Marrow	Number Examined:	58	60	60	60	60	60	60	60
	Hyperplasia	0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
	Infarct	0	0	0	0	0	0	0	2
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
	Marrow Lipomatosis	0	0	0	0	6	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Brain	Number Examined:	58	60	60	60	60	60	60	60
	Hemorrhage	0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cecum	Number Examined:	58	60	60	60	60	60	60	59
	Hyperplasia, Lymphoid, Submucosa	1	1	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Inflammation	1	0	0	2	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Colon	Number Examined:	58	60	60	60	60	60	60	60
	Hyperplasia, Lymphoid, Submucosa	2	8	1	3	0	2	4	3
	Average Severity:	0.1	0.3	0.0	0.1	0.0	0.1	0.1	0.1
Duodenum	Number Examined:	58	60	60	60	60	60	60	60
	Hyperplasia, Lymphoid, Submucosa	0	2	0	0	0	0	0	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Epididymis	Number Examined:	58	60	60	60	60	60	60	60
	Atrophy, Bilateral	0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Atrophy, Unilateral	0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
	Inflammation	0	0	0	0	1	0	1	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

Tissue/Observation		Group:	Number Observed Per Group							
			CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Esophagus	Number Examined:		58	59	59	60	60	60	60	60
Inflammation			0	0	1	0	0	0	0	0
	Average Severity:		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Eye	Number Examined:		58	60	60	60	60	60	60	60
Atrophy, Retina			0	0	0	0	1	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Atrophy/Degeneration			0	0	0	0	0	1	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Cataract			0	0	0	0	2	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Hemorrhage, Anterior Chamber			0	0	0	0	0	1	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation, Ocular			0	0	1	0	0	0	0	0
	Average Severity:		0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Inflammation, Periocular			0	0	0	0	0	1	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Retinal Detachment			0	0	0	0	1	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Ulcer, Cornea			0	0	0	0	0	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Femur	Number Examined:		58	60	60	60	60	60	60	60
No Remarkable Observations										
Harderian Gland	Number Examined:		58	60	59	58	60	60	60	60
Atrophy			0	0	1	0	0	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Follicular Lymphoid			0	0	0	0	0	0	0	1
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Hyperplasia, Glandular Epithelium			0	1	1	1	0	2	1	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

Tissue/Observation		Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Inflammation		0	1	0	1	1	0	1	2
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Heart	Number Examined:	58	59	59	60	60	60	60	60
Cardiomyopathy		38	38	38	37	37	35	40	38
	Average Severity:	1.0	0.8	0.8	0.8	0.7	0.9	0.8	0.9
Hyperplasia, Endothelium		0	0	1	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mineralization		0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Thrombosis		0	0	0	0	1	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Ileum	Number Examined:	58	60	60	60	60	60	60	60
No Remarkable Observations									
Jejunum	Number Examined:	58	60	60	60	60	60	60	60
Hyperplasia, Lymphoid, Submucosa		0	7	0	1	0	1	0	0
	Average Severity:	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	0	0	1	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Ulcer		0	0	0	0	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Kidney	Number Examined:	58	60	60	60	60	60	60	60
Atrophy		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cyst(s), Tubular		4	1	0	1	0	1	0	1
	Average Severity:	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Hemorrhage		0	0	0	0	0	0	1	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Hydronephrosis		2	6	3	4	4	5	2	4
	Average Severity:	0.0	0.2	0.1	0.1	0.1	0.2	0.1	0.1
Hyperplasia, Transitional Epithelium		0	2	0	0	0	0	0	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Tubular		0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Infarct, Chronic		0	0	0	1	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		3	8	5	4	3	4	4	7
	Average Severity:	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.3
Mineralization		0	0	0	1	0	0	0	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Necrosis, Papillary		2	0	0	0	1	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nephropathy		26	24	26	26	35	20	29	26
	Average Severity:	0.4	0.5	0.4	0.5	0.6	0.4	0.5	0.5
Thrombosis		0	0	0	0	0	0	1	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Liver	Number Examined:	58	60	60	60	60	60	60	60
Atrophy		0	0	1	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cyst(s), Bile Ducts		2	0	0	0	0	0	0	0
	Average Severity:	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Degeneration, Hepatocyte		0	0	0	0	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Extramedullary Hematopoiesis (emh)		0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fibrosis		0	0	0	0	3	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Hemorrhage		0	0	1	0	0	0	0	0
	Average Severity:	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Hemosiderin Pigment		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Bile Duct		10	17	2	10	8	14	16	8
	Average Severity:	0.2	0.3	0.1	0.2	0.2	0.2	0.3	0.2
Hyperplasia, Nodular, Hepatocyte		0	0	0	0	0	0	1	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		5	0	2	2	6	2	3	2
	Average Severity:	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.0
Inflammation, Artery		1	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lipidosis, Diffuse		3	0	0	1	0	1	0	0
	Average Severity:	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Lipidosis, Focal		1	0	0	2	4	1	1	1
	Average Severity:	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Lipidosis, Multifocal		13	6	2	6	11	5	8	0
	Average Severity:	0.2	0.1	0.0	0.1	0.2	0.1	0.2	0.0
Necrosis, Hepatocellular		0	1	0	0	0	0	0	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Necrosis, Hepatocyte		0	0	1	2	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Telangiectasis		0	4	3	1	0	1	1	0
	Average Severity:	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Thrombosis		0	1	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lung	Number Examined:	58	59	60	60	60	60	60	60
Alveolar Macrophages, Increased		18	8	4	12	17	8	8	15
	Average Severity:	0.3	0.2	0.1	0.4	0.4	0.3	0.2	0.4

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Dysplasia, Bronchiolar		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eosinophilic Crystals		0	0	0	0	1	0	1	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fibrosis, Interstitial		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Alveolar Epithelium		1	3	2	2	1	3	3	0
	Average Severity:	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Inflammation		1	0	2	0	4	4	4	0
	Average Severity:	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Inflammation, Foreign Body		0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Thrombosis		0	0	0	0	1	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Lymph Node, Mandibular	Number Examined:	0	0	0	2	0	0	1	2
Cystic Degeneration		-	-	-	2	-	-	1	1
	Average Severity:	-	-	-	3.0	-	-	3.0	1.5
Hyperplasia, Plasma Cell		-	-	-	2	-	-	0	0
	Average Severity:	-	-	-	2.5	-	-	0.0	0.0
Lymph Node, Mediastinal	Number Examined:	0	0	0	0	0	0	1	3
Inflammation		-	-	-	-	-	-	0	2
	Average Severity:	-	-	-	-	-	-	0.0	2.0
Lymph Node, Mesenteric	Number Examined:	58	60	60	60	60	60	60	60
Cystic Degeneration		0	0	0	1	0	1	0	1
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Hyperplasia, Plasma Cell		0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sinus Histiocytosis		0	6	0	1	0	1	2	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

Tissue/Observation		Group:	Number Observed Per Group						
			CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M
Lymph Node, Other Cystic Degeneration	Number Examined:	1	0	1	1	0	1	0	2
		1	-	0	1	-	1	-	1
	Average Severity:	2.0	-	0.0	3.0	-	3.0	-	1.5
Hyperplasia, Plasma Cell		1	-	1	0	-	0	-	0
	Average Severity:	3.0	-	4.0	0.0	-	0.0	-	0.0
Mammary Gland Fibrosis, Periductal	Number Examined:	58	59	60	60	60	60	60	60
		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mesentery Necrosis	Number Examined:	0	1	0	0	1	0	1	0
		-	1	-	-	0	-	0	-
	Average Severity:	-	2.0	-	-	0.0	-	0.0	-
Necrosis, Mesenteric Fat		-	0	-	-	1	-	0	-
	Average Severity:	-	0.0	-	-	3.0	-	0.0	-
Nose/Turbinates	Number Examined:	58	60	60	60	60	60	60	60
		0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Glandular Epithelium		1	3	4	0	0	4	0	1
	Average Severity:	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.0
Inflammation		0	1	0	0	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Squamous Metaplasia (respiratory epithelium)		0	1	0	0	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Oral Mucosa	Number Examined:	58	60	60	60	60	60	60	60
No Remarkable Observations									

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Pancreas	Number Examined:	58	60	60	60	60	60	60	60
Atrophy, Acinar Cell		5	3	3	1	4	6	2	10
	Average Severity:	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.2
Hemorrhage		0	0	0	0	0	0	0	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Hyperplasia, Acinar Cell		1	1	1	0	1	1	0	1
	Average Severity:	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Hyperplasia, Islet Cell		0	1	0	0	1	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lipomatosis		5	1	0	0	0	0	0	1
	Average Severity:	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parathyroid	Number Examined:	50	49	55	46	55	54	47	45
Fibrosis		0	0	1	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia		1	0	0	3	4	1	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0
Penis	Number Examined:	0	0	0	0	0	1	0	0
Inflammation		-	-	-	-	-	1	-	-
	Average Severity:	-	-	-	-	-	1.0	-	-
Peripheral Nerve	Number Examined:	0	0	0	0	0	0	0	0
No Remarkable Observations									
Pharynx	Number Examined:	57	58	57	60	58	60	59	60
Hyperplasia, Mucosal Epithelium		1	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		1	0	0	1	2	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Pituitary Gland	Number Examined:	58	59	60	60	60	59	60	60
Hyperplasia, Pars Distalis		22	15	13	21	24	14	21	14
	Average Severity:	0.9	0.5	0.5	0.7	0.6	0.4	0.6	0.5
Hyperplasia, Pars Intermedia		0	1	2	2	0	1	1	1
	Average Severity:	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
Preputial Gland	Number Examined:	58	59	60	60	60	60	59	60
Inflammation		8	11	8	2	3	9	12	10
	Average Severity:	0.2	0.2	0.2	0.1	0.1	0.4	0.3	0.4
Prostate	Number Examined:	58	60	60	60	60	60	60	60
Atrophy		0	1	0	0	0	0	0	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Duct Epithelium		10	7	5	8	8	3	5	10
	Average Severity:	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2
Inflammation		14	11	3	9	8	7	5	5
	Average Severity:	0.4	0.3	0.1	0.3	0.2	0.2	0.2	0.2
Rectum	Number Examined:	58	60	60	60	60	60	60	60
Lymphoid Hyperplasia, Submucosa		1	1	0	0	0	0	2	0
	Average Severity:	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Salivary Gland	Number Examined:	58	59	59	60	60	60	60	60
Atrophy		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Duct Epithelium		0	0	0	0	0	0	1	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	0	0	1	0	0	1	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Necrosis		0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Sciatic Nerve	Number Examined:	58	60	60	60	60	60	60	60
No Remarkable Observations									
Seminal Vesicle	Number Examined:	58	60	60	60	60	60	60	60
Atrophy		0	1	1	0	0	0	1	0
	Average Severity:	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0
Duct Ectasia		0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Hyperplasia, Duct Epithelium		0	1	0	0	0	0	0	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	0	0	1	0	0	0	1
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Skeletal Muscle	Number Examined:	58	60	60	60	60	60	60	60
Atrophy		0	0	0	0	0	0	1	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Inflammation		0	0	0	0	0	0	0	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Myodegeneration		0	0	0	0	0	0	0	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Skin	Number Examined:	58	59	60	60	60	60	60	60
Cyst, Epithelial Inclusion		1	0	2	1	0	0	0	1
	Average Severity:	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1
Fibrosis, Dermis		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Epidermis		4	0	1	1	1	0	3	0
	Average Severity:	0.2	0.0	0.0	0.1	0.1	0.0	0.1	0.0
Inflammation		14	7	8	7	5	7	4	2
	Average Severity:	0.6	0.2	0.4	0.3	0.3	0.3	0.2	0.1
Osseous Metaplasia		0	0	1	0	0	0	0	0
	Average Severity:	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Ulcer, Epidermis		13	21	10	6	4	16	6	4
	Average Severity:	0.9	1.3	0.6	0.3	0.3	0.9	0.4	0.3
Spinal Cord	Number Examined:	58	60	60	60	60	60	60	60
No Remarkable Observations									
Spleen	Number Examined:	58	60	60	60	60	60	60	60
Atrophy, Lymphoid		2	0	2	2	1	0	0	1
	Average Severity:	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1
Extramedullary Hematopoiesis (emh)		10	5	0	1	6	4	6	4
	Average Severity:	0.3	0.2	0.0	0.1	0.2	0.1	0.2	0.2
Fibrosis		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Lymphoid		0	0	2	0	0	0	0	0
	Average Severity:	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Plasma Cell		0	0	0	0	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Infarct		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sternum	Number Examined:	58	59	60	60	60	60	60	60
Fibrosis		0	1	0	0	0	0	0	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Stomach	Number Examined:	58	60	60	60	60	60	60	60
Dysplasia, Non-Glandular Epithelium		0	0	0	0	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Mucosa, Glandular		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Mucosa, Non-Glandular		1	2	2	0	1	0	1	1
	Average Severity:	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
Inflammation, Glandular		0	1	1	0	0	0	2	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Inflammation, Non-Glandular		3	2	1	0	2	1	0	2
	Average Severity:	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1
Mineralization		0	0	0	1	2	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ulcer, Glandular		0	0	1	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ulcer, Non-Glandular		2	0	3	0	1	0	3	0
	Average Severity:	0.1	0.0	0.1	0.0	0.1	0.0	0.2	0.0
Testis	Number Examined:	58	60	60	60	60	60	60	60
Atrophy, Bilateral		4	8	2	4	4	4	0	5
	Average Severity:	0.2	0.3	0.1	0.2	0.2	0.2	0.0	0.2
Atrophy, Unilateral		4	4	6	6	5	8	6	2
	Average Severity:	0.2	0.2	0.3	0.3	0.2	0.4	0.3	0.1
Edema, Interstitium		0	13	3	1	0	6	8	0
	Average Severity:	0.0	0.4	0.1	0.1	0.0	0.3	0.3	0.0
Hyperplasia, Interstitial Cell		0	0	0	0	0	0	0	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Thymus	Number Examined:	53	50	55	59	58	58	56	59
Hemorrhage		0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Inflammation		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thyroid Gland	Number Examined:	58	59	59	60	60	60	60	60
Hyperplasia, C-Cell		17	10	22	6	13	15	12	5
	Average Severity:	0.6	0.2	0.4	0.2	0.3	0.4	0.2	0.2
Hyperplasia, Follicular Cell		0	3	4	2	1	3	1	2
	Average Severity:	0.0	0.1	0.1	0.1	0.0	0.1	0.0	0.1

Table 17. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Males (Continued)

		Number Observed Per Group							
Tissue/Observation	Group:	CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Tongue	Number Examined:	58	59	60	60	60	60	60	60
	Hyperplasia, Mucosal Epithelium	1	0	0	0	1	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Inflammation, Chronic	0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tooth	Number Examined:	1	0	0	0	0	0	1	0
	Inflammation	1	-	-	-	-	-	1	-
	Average Severity:	4.0	-	-	-	-	-	4.0	-
Trachea	Number Examined:	58	59	59	60	60	60	60	60
	Inflammation	0	0	1	0	0	0	0	1
	Average Severity:	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Ureter	Number Examined:	0	0	0	0	0	0	1	1
	Hemorrhage	-	-	-	-	-	-	0	1
	Average Severity:	-	-	-	-	-	-	0.0	4.0
	Inflammation	-	-	-	-	-	-	0	1
	Average Severity:	-	-	-	-	-	-	0.0	2.0
Urinary Bladder	Number Examined:	58	60	60	60	60	60	60	60
	Hyperplasia, Transitional Epithelium	0	0	0	1	0	0	1	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
	Inflammation	0	0	0	1	0	0	0	2
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Zymbal's Gland	Number Examined:	56	59	60	60	60	60	60	60
	Hyperplasia	0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females

Tissue/Observation		Group:	Number Observed Per Group							
			CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Adrenal Gland	Number Examined:	60	60	60	60	60	59	60	59	59
Atrophy		0	0	1	0	0	0	0	0	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Degeneration, Cystic		1	3	4	1	1	4	11	1	1
	Average Severity:	0.0	0.1	0.2	0.0	0.0	0.2	0.3	0.0	0.0
Extramedullary Hematopoiesis (emh)		1	0	0	2	0	1	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Hemorrhage		0	0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Cortex		32	15	26	35	14	34	27	9	9
	Average Severity:	0.8	0.4	0.7	1.1	0.4	1.0	0.6	0.2	0.2
Hyperplasia, Medulla		1	0	1	4	0	5	1	2	2
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.1
Hyperplasia, Spindle Cell		0	0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hypertrophy, Cortex		18	5	5	17	21	12	12	8	8
	Average Severity:	0.6	0.1	0.1	0.5	0.6	0.3	0.4	0.3	0.3
Infarct		0	0	0	1	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Necrosis, Cortex		0	0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thrombosis		0	0	0	0	2	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Vacuolization, Cytoplasm, Cortex		4	3	3	1	2	4	2	4	4
	Average Severity:	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.1
Bone	Number Examined:	0	1	0	0	0	0	0	0	0
No Remarkable Observations										

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

		Number Observed Per Group							
Tissue/Observation	Group:	CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Bone Marrow Hyperplasia	Number Examined:	60	60	60	60	60	60	60	60
		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Infarct	0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Marrow Lipomatosis	0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Brain Hemorrhage	Number Examined:	60	60	60	60	60	60	60	60
		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cecum Hyperplasia, Lymphoid, Submucosa	Number Examined:	60	59	60	60	59	60	60	58
		0	0	0	0	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Inflammation	0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Clitoral Gland Inflammation	Number Examined:	60	59	60	60	59	60	59	60
		1	4	5	1	4	3	2	4
	Average Severity:	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1
Colon Hyperplasia, Lymphoid, Submucosa	Number Examined:	60	60	60	60	59	60	60	59
		9	6	4	4	2	4	2	4
	Average Severity:	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Duodenum Hyperplasia, Lymphoid, Submucosa	Number Examined:	60	60	60	60	59	60	60	59
		0	0	0	0	0	0	1	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Esophagus Inflammation	Number Examined:	60	60	60	59	60	60	60	58
		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

Tissue/Observation		Group:	Number Observed Per Group						
			CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F
Eye	Number Examined:	60	60	60	60	60	60	60	60
Atrophy, Retina		1	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Atrophy/Degeneration		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cataract		0	0	0	0	0	0	0	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Hemorrhage, Anterior Chamber		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation, Ocular		1	1	0	0	0	0	0	0
	Average Severity:	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation, Periocular		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Retinal Detachment		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ulcer, Cornea		1	0	0	0	0	0	0	0
	Average Severity:	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Femur	Number Examined:	60	60	60	60	60	60	60	60
No Remarkable Observations									
Harderian Gland	Number Examined:	60	60	60	60	60	60	60	59
Atrophy		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Follicular Lymphoid		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Glandular Epithelium		0	2	0	1	0	1	0	2
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Inflammation		0	0	0	1	0	0	1	1
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

Tissue/Observation		Group:	Number Observed Per Group						
			CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F
Heart	Number Examined:	60	60	60	59	59	60	60	58
Cardiomyopathy		22	21	17	18	23	25	21	13
	Average Severity:	0.5	0.4	0.3	0.3	0.5	0.5	0.4	0.3
Hyperplasia, Endothelium		0	0	0	1	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		1	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mineralization		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thrombosis		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ileum	Number Examined:	59	60	60	60	59	60	60	58
No Remarkable Observations									
Jejunum	Number Examined:	60	60	60	60	59	60	60	59
Hyperplasia, Lymphoid, Submucosa		1	4	0	0	0	0	0	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	1	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ulcer		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Kidney	Number Examined:	60	60	60	60	59	60	60	58
Atrophy		0	1	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cyst(s), Tubular		1	3	2	0	0	1	1	1
	Average Severity:	0.1	0.1	0.1	0.0	0.0	0.1	0.0	0.0
Hemorrhage		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hydronephrosis		2	4	1	3	2	3	2	5
	Average Severity:	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

Tissue/Observation		Group:	Number Observed Per Group							
			CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Hyperplasia, Transitional Epithelium			2	2	0	0	3	3	3	3
	Average Severity:		0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1
Hyperplasia, Tubular			0	0	0	0	0	1	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Infarct, Chronic			1	0	1	0	0	1	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Inflammation			5	4	1	1	1	2	2	0
	Average Severity:		0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0
Mineralization			1	5	0	0	0	0	2	0
	Average Severity:		0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Necrosis, Papillary			0	0	0	0	0	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nephropathy			25	15	12	24	14	32	10	22
	Average Severity:		0.4	0.3	0.2	0.4	0.2	0.7	0.2	0.4
Thrombosis			0	0	0	0	0	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Liver	Number Examined:		60	60	60	60	59	60	60	58
Atrophy			0	0	0	0	0	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cyst(s), Bile Ducts			3	0	2	1	1	1	2	2
	Average Severity:		0.1	0.0	0.1	0.1	0.1	0.0	0.1	0.1
Degeneration, Hepatocyte			0	0	0	0	0	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Extramedullary Hematopoiesis (emh)			0	1	0	1	0	0	0	1
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fibrosis			1	0	0	0	0	0	0	1
	Average Severity:		0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hemorrhage			0	0	0	0	0	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

Tissue/Observation		Group:	Number Observed Per Group							
			CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Hemosiderin Pigment			1	0	0	0	0	0	0	1
	Average Severity:		0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Bile Duct			14	8	11	11	8	20	8	5
	Average Severity:		0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2
Hyperplasia, Nodular, Hepatocyte			0	0	1	0	0	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation			1	0	1	3	1	3	0	0
	Average Severity:		0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0
Inflammation, Artery			0	0	0	0	0	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lipidosis, Diffuse			1	0	1	2	0	1	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lipidosis, Focal			1	3	0	2	1	1	0	1
	Average Severity:		0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
Lipidosis, Multifocal			2	0	1	0	0	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Necrosis, Hepatocellular			0	0	0	0	0	0	0	1
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Necrosis, Hepatocyte			0	0	1	0	0	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Telangiectasis			1	0	1	0	0	0	0	0
	Average Severity:		0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thrombosis			0	0	0	0	1	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Lung	Number Examined:		60	60	60	59	59	60	60	58
Alveolar Macrophages, Increased			15	7	7	10	21	10	10	8
	Average Severity:		0.4	0.1	0.2	0.3	0.5	0.2	0.3	0.2
Dysplasia, Bronchiolar			0	0	0	1	0	0	0	0
	Average Severity:		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Eosinophilic Crystals		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fibrosis, Interstitial		0	1	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Alveolar Epithelium		0	1	0	0	0	2	2	2
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Inflammation		5	3	2	3	2	2	3	3
	Average Severity:	0.2	0.1	0.1	0.1	0.0	0.1	0.1	0.1
Inflammation, Foreign Body		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thrombosis		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lymph Node, Mandibular	Number Examined:	1	1	0	1	0	0	0	0
Cystic Degeneration		1	0	-	0	-	-	-	-
	Average Severity:	3.0	0.0	-	0.0	-	-	-	-
Hyperplasia, Plasma Cell		0	1	-	1	-	-	-	-
	Average Severity:	0.0	4.0	-	3.0	-	-	-	-
Lymph Node, Mediastinal	Number Examined:	0	1	0	1	1	0	0	1
Inflammation		-	0	-	0	0	-	-	0
	Average Severity:	-	0.0	-	0.0	0.0	-	-	0.0
Lymph Node, Mesenteric	Number Examined:	60	60	60	60	59	60	60	58
Cystic Degeneration		1	0	0	0	0	0	0	0
	Average Severity:	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Plasma Cell		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sinus Histiocytosis		0	9	0	0	3	2	3	2
	Average Severity:	0.0	0.3	0.0	0.0	0.1	0.1	0.1	0.1

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

Tissue/Observation		Group:	Number Observed Per Group						
			CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F
Lymph Node, Other Cystic Degeneration	Number Examined:	1	0	0	1	0	0	1	3
		0	-	-	0	-	-	0	0
	Average Severity:	0.0	-	-	0.0	-	-	0.0	0.0
	Hyperplasia, Plasma Cell	0	-	-	0	-	-	0	0
	Average Severity:	0.0	-	-	0.0	-	-	0.0	0.0
Mammary Gland Fibrosis, Periductal	Number Examined:	60	60	60	60	60	60	60	60
		0	1	0	0	0	1	0	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
	Hyperplasia	2	2	1	0	2	4	3	0
	Average Severity:	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0
	Inflammation	1	0	0	0	1	0	0	0
Mesentery Necrosis	Number Examined:	0	2	1	1	3	0	0	1
		-	0	0	0	0	-	-	0
	Average Severity:	-	0.0	0.0	0.0	0.0	-	-	0.0
	Necrosis, Mesenteric Fat	-	1	0	0	0	-	-	0
	Average Severity:	-	1.0	0.0	0.0	0.0	-	-	0.0
Nose/Turbinates	Number Examined:	60	60	60	60	60	60	60	60
	Hyperplasia, Glandular Epithelium	0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Inflammation	2	1	1	2	1	0	0	0
	Average Severity:	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0
	Squamous Metaplasia (respiratory epithelium)	0	0	0	0	0	0	0	0
Oral Mucosa	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Number Examined:	60	60	60	59	60	60	60	60
No Remarkable Observations									

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

		Number Observed Per Group							
Tissue/Observation	Group:	CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Ovary	Number Examined:	60	60	60	60	59	60	60	58
Atrophy		1	0	1	0	0	0	0	0
	Average Severity:	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Inflammation		0	0	0	1	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Pancreas	Number Examined:	60	60	60	60	59	60	60	58
Atrophy, Acinar Cell		6	2	1	5	6	3	2	5
	Average Severity:	0.2	0.0	0.1	0.1	0.2	0.1	0.1	0.1
Hemorrhage		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Acinar Cell		0	0	0	1	0	0	0	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Islet Cell		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	1	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lipomatosis		3	0	0	0	0	0	0	1
	Average Severity:	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Parathyroid	Number Examined:	53	47	51	45	51	52	48	50
Fibrosis		0	0	1	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia		0	0	2	0	0	0	0	0
	Average Severity:	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Peripheral Nerve	Number Examined:	1	0	0	0	0	0	0	0
No Remarkable Observations									
Pharynx	Number Examined:	60	58	60	58	60	60	59	59
Hyperplasia, Mucosal Epithelium		0	0	0	0	1	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

		Number Observed Per Group							
Tissue/Observation	Group:	CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Inflammation		0	0	0	1	1	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pituitary Gland	Number Examined:	60	59	60	59	59	60	58	60
Hyperplasia, Pars Distalis		20	14	24	26	18	18	25	21
	Average Severity:	0.7	0.5	0.9	1.0	0.7	0.8	0.8	0.8
Hyperplasia, Pars Intermedia		0	1	2	0	1	0	0	0
	Average Severity:	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Rectum	Number Examined:	60	59	60	60	59	60	60	59
Lymphoid Hyperplasia, Submucosa		0	0	0	0	0	1	0	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salivary Gland	Number Examined:	60	59	60	58	60	59	60	58
Atrophy		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Duct Epithelium		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	1	0	0	1	0	0	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Necrosis		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Sciatic Nerve	Number Examined:	60	59	60	60	59	60	60	60
No Remarkable Observations									
Skeletal Muscle	Number Examined:	60	60	60	60	59	60	60	60
Atrophy		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Myodegeneration		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Skin	Number Examined:	60	60	60	60	59	60	60	60
Cyst, Epithelial Inclusion		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fibrosis, Dermis		0	1	0	0	0	0	0	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Epidermis		0	0	0	0	1	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	0	0	0	0	0	2	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Osseous Metaplasia		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ulcer, Epidermis		2	1	0	0	1	2	1	0
	Average Severity:	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Spinal Cord	Number Examined:	60	60	60	60	60	60	60	60
No Remarkable Observations									
Spleen	Number Examined:	60	60	60	60	59	60	60	58
Atrophy, Lymphoid		2	0	1	1	0	0	1	1
	Average Severity:	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1
Extramedullary Hematopoiesis (emh)		4	7	4	6	5	4	4	3
	Average Severity:	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.2
Fibrosis		1	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Lymphoid		0	1	0	0	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Plasma Cell		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Infarct		0	0	1	0	0	0	0	0
	Average Severity:	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Sternum	Number Examined:	60	60	60	60	60	60	60	59
Fibrosis		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Stomach	Number Examined:	60	60	60	60	59	60	60	59
Dysplasia, Non-Glandular Epithelium		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Mucosa, Glandular		0	0	0	0	0	1	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hyperplasia, Mucosa, Non-Glandular		3	0	1	1	2	0	0	0
	Average Severity:	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0
Inflammation, Glandular		0	0	1	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation, Non-Glandular		2	0	1	0	1	0	0	1
	Average Severity:	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Mineralization		1	0	0	0	0	2	1	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ulcer, Glandular		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ulcer, Non-Glandular		2	0	0	1	0	0	0	0
	Average Severity:	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Thymus	Number Examined:	57	59	59	58	59	58	58	57
Hemorrhage		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	0	0	0	0	0	1	1
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thyroid Gland	Number Examined:	60	59	60	58	60	59	60	59
Hyperplasia, C-Cell		18	23	16	7	4	18	8	2
	Average Severity:	0.4	0.5	0.3	0.2	0.1	0.5	0.2	0.1

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Hyperplasia, Follicular Cell		0	4	0	1	1	2	3	0
	Average Severity:	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.0
Tongue	Number Examined:	60	59	60	58	60	59	60	59
Hyperplasia, Mucosal Epithelium		1	2	0	0	0	0	0	0
	Average Severity:	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation, Chronic		1	0	0	0	0	0	0	1
	Average Severity:	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Tooth	Number Examined:	0	0	0	0	0	0	0	0
Inflammation		-	-	-	-	-	-	-	-
	Average Severity:	-	-	-	-	-	-	-	-
Trachea	Number Examined:	60	60	60	59	60	59	60	59
Inflammation		1	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ureter	Number Examined:	0	0	0	0	0	0	0	0
Hemorrhage		-	-	-	-	-	-	-	-
	Average Severity:	-	-	-	-	-	-	-	-
Inflammation		-	-	-	-	-	-	-	-
	Average Severity:	-	-	-	-	-	-	-	-
Urinary Bladder	Number Examined:	60	59	60	60	59	60	59	59
Hyperplasia, Transitional Epithelium		0	1	0	0	0	0	0	0
	Average Severity:	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
Inflammation		0	0	0	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Uterus	Number Examined:	60	60	60	60	59	60	60	59
Endometrial Hyperplasia, Cystic (ceh)		12	17	5	16	16	10	15	13
	Average Severity:	0.4	0.6	0.2	0.7	0.7	0.5	0.5	0.4
Hemorrhage		0	1	1	0	0	0	0	0
	Average Severity:	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0

Table 18. Incidence Summary of all Microscopic Nonneoplastic Graded Observations with Average Severity, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Hyperplasia, Endometrium, Atypical		0	1	3	2	2	2	1	2
	Average Severity:	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.1
Inflammation		2	0	2	0	1	2	0	0
	Average Severity:	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.0
Squamous Metaplasia, Endometrium		0	0	0	0	0	2	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Thrombosis		0	0	0	0	1	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Vagina	Number Examined:	60	59	60	60	59	60	60	60
Fibrosis, Submucosa		0	0	0	0	0	0	1	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Inflammation		0	0	1	0	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Zymbal's Gland	Number Examined:	60	59	60	60	60	60	60	60
Hyperplasia		0	0	0	1	0	0	0	0
	Average Severity:	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0

Table 19. Incidence Summary of Benign Primary Neoplasms, All Necropsies – Males

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Adrenal Gland	Number Examined:	58	60	60	59	60	60	60	60
B-Pheochromocytoma		3	2	4	0	0	1	0	0
B-Ganglioneuroma		0	1	0	1	0	0	0	0
B-Adenoma, Cortical		0	0	0	1	0	0	0	0
Brain	Number Examined:	58	60	60	60	60	60	60	60
B-Granular Cell Tumor		1	0	0	1	1	0	0	0
Harderian Gland	Number Examined:	58	60	59	58	60	60	60	60
B-Adenoma		0	0	1	0	0	0	0	0
Heart	Number Examined:	58	59	59	60	60	60	60	60
B-Schwannoma, Endocardial		0	0	0	0	0	2	0	0
Kidney	Number Examined:	58	60	60	60	60	60	60	60
B-Adenoma, Tubular		0	0	0	0	0	1	0	1
B-Lipoma		0	0	0	0	0	0	1	1
Liver	Number Examined:	58	60	60	60	60	60	60	60
B-Adenoma, Hepatocellular		0	0	0	0	0	0	0	1
Lung	Number Examined:	58	59	60	60	60	60	60	60
B-Adenoma, Bronchiolar-Alveolar		1	0	0	0	0	1	1	0
Lymph Node, Mesenteric	Number Examined:	58	60	60	60	60	60	60	60
B-Hemangioma		0	0	0	0	0	2	3	0
Mammary Gland	Number Examined:	58	59	60	60	60	60	60	60
B-Adenoma		0	2	0	0	1	1	2	1
Nose/Turbinates	Number Examined:	58	60	60	60	60	60	60	60
B-Adenoma		0	0	0	0	0	1	0	0

Table 19. Incidence Summary of Benign Primary Neoplasms, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Pancreas	Number Examined:	58	60	60	60	60	60	60	60
B-Islet Cell Tumor		1	1	0	2	0	1	2	0
Parathyroid	Number Examined:	50	49	55	46	55	54	47	45
B-Adenoma		1	0	0	0	0	0	0	0
Pituitary Gland	Number Examined:	58	59	60	60	60	59	60	60
B-Adenoma, Pars Distalis		15	10	16	10	7	16	9	11
B-Adenoma, Pars Intermedia		2	0	1	0	0	1	2	1
Prostate	Number Examined:	58	60	60	60	60	60	60	60
B-Adenoma		0	0	0	0	0	0	1	0
Rectum	Number Examined:	58	60	60	60	60	60	60	60
B-Leiomyoma		0	0	0	0	0	0	1	0
Salivary Gland	Number Examined:	58	59	59	60	60	60	60	60
B-Schwannoma		0	0	0	0	0	0	1	0
Skin	Number Examined:	58	59	60	60	60	60	60	60
B-Adenoma, Sebaceous Gland		0	1	0	0	0	0	0	0
B-Lipoma		1	0	0	0	0	0	0	0
B-Adenoma, Basal Cell		1	1	0	0	0	2	0	0
B-Papilloma, Squamous Cell		0	0	0	1	0	0	0	0
B-Granular Cell Tumor		0	0	0	0	0	1	0	0
B-Trichoepithelioma		0	0	0	0	0	0	1	0
B-Keratoacanthoma		0	0	0	0	0	0	1	0
Spleen	Number Examined:	58	60	60	60	60	60	60	60
B-Hemangioma		0	1	0	0	1	0	0	0

Table 19. Incidence Summary of Benign Primary Neoplasms, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Testis	Number Examined:	58	60	60	60	60	60	60	60
B-Adenoma, Interstitial Cell		1	1	2	3	4	0	2	1
Thyroid Gland	Number Examined:	58	59	59	60	60	60	60	60
B-Adenoma, Follicular Cell		7	7	4	3	3	4	4	0
B-Adenoma, C-Cell		11	5	3	4	6	8	6	7
Bone	Number Examined:	2	1	0	0	0	0	0	1
B-Osteoma		1	0	0	0	0	0	0	0
B-Granular Cell Tumor		1	0	0	0	0	0	0	0

B = Benign.

Table 20. Incidence Summary of Benign Primary Neoplasms, All Necropsies – Females

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Adrenal Gland	Number examined:	60	60	60	60	59	60	59	59
B-Pheochromocytoma		0	0	2	1	0	1	1	0
Brain	Number examined:	60	60	60	60	60	60	60	60
B-Granular Cell Tumor		0	0	0	0	1	0	1	0
Eye	Number examined:	60	60	60	60	60	60	60	60
B-Schwannoma, Optic Nerve		1	0	0	0	0	0	0	0
Heart	Number examined:	60	60	60	59	59	60	60	58
B-Schwannoma, Endocardial		0	1	0	1	0	2	1	0
Kidney	Number examined:	60	60	60	60	59	60	60	58
B-Lipoma		1	0	0	0	0	0	0	0
Liver	Number examined:	60	60	60	60	59	60	60	58
B-Adenoma, Biliary		0	1	0	0	0	0	1	0
B-Adenoma, Hepatocellular		1	0	0	0	0	0	0	0
Lung	Number examined:	60	60	60	59	59	60	60	58
B-Adenoma, Bronchiolar-Alveolar		0	0	0	0	0	0	1	0
Lymph Node-Mesenteric	Number examined:	60	60	60	60	59	60	60	58
B-Hemangioma		0	0	0	0	0	2	0	0
Mammary Gland	Number examined:	60	60	60	60	60	60	60	60
B-Adenoma		8	14	9	10	2	14	8	8
B-Lipoma, Infiltrative		0	1	0	0	0	0	0	0
Ovary	Number examined:	60	60	60	60	59	60	60	58
B-Thecoma		0	1	0	0	1	0	0	0
B-Granulosa Cell Tumor		0	1	1	0	1	1	2	1
B-Dysgerminoma		0	0	0	0	0	0	0	1
B-Adenoma		0	0	0	0	0	1	0	0
B-Sertoli Cell Tumor		0	1	0	0	0	0	1	0

Table 20. Incidence Summary of Benign Primary Neoplasms, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
B-Luteoma		0	0	0	0	0	0	1	0
B-Gonadal Stromal Tumor, Undifferentiated		0	0	0	0	0	0	2	0
Parathyroid	Number examined:	53	47	51	45	51	52	48	50
B-Adenoma		0	1	0	0	0	0	0	0
Pituitary Gland	Number examined:	60	59	60	59	59	60	58	60
B-Adenoma, Pars Distalis		23	21	20	17	17	24	15	16
B-Adenoma, Pars Intermedia		0	2	1	0	0	0	1	2
Skin	Number examined:	60	60	60	60	59	60	60	60
B-Lipoma		0	0	0	0	0	0	1	0
B-Papilloma, Squamous Cell		1	0	1	0	0	0	0	0
B-Fibroma		0	0	0	1	0	0	0	0
Spleen	Number examined:	60	60	60	60	59	60	60	58
B-Hemangioma		0	0	0	0	0	0	1	0
Stomach	Number examined:	60	60	60	60	59	60	60	59
B-Fibropapilloma		0	1	0	0	1	0	0	0
Thyroid Gland	Number examined:	60	59	60	58	60	59	60	59
B-Adenoma, Follicular Cell		1	2	2	1	2	2	3	2
B-Adenoma, C-Cell		4	6	6	6	5	5	5	4
Uterus	Number examined:	60	60	60	60	59	60	60	59
B-Polyp, Endometrial Stromal		4	4	4	5	5	5	8	3
Vagina	Number examined:	60	59	60	60	59	60	60	60
B-Polyp		1	0	0	2	1	0	2	1
B-Hemangioma		0	0	0	0	0	1	0	0
B-Leiomyoma		0	2	0	0	0	0	1	0

B = Benign.

Table 21. Incidence Summary of Malignant and Infiltrative Neoplasms, All Necropsies – Males

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Adrenal Gland	Number Examined:	58	60	60	59	60	60	60	60
F-Lymphoma		0	0	0	0	0	0	0	1
Bone Marrow	Number Examined:	58	60	60	60	60	60	60	60
F-Lymphoma		0	0	0	1	0	0	0	2
M-Histiocytic Sarcoma		0	0	0	0	0	1	0	0
Brain	Number Examined:	58	60	60	60	60	60	60	60
M-Astrocytoma		2	2	0	0	1	0	0	0
F-Lymphoma		0	0	0	0	0	0	0	1
Eye	Number Examined:	58	60	60	60	60	60	60	60
F-Lymphoma		0	0	0	0	0	0	0	1
Harderian Gland	Number Examined:	58	60	59	58	60	60	60	60
F-Lymphoma		0	0	0	0	0	0	0	1
Jejunum	Number Examined:	58	60	60	60	60	60	60	60
M-Carcinoma		0	0	1	0	0	0	0	0
Kidney	Number Examined:	58	60	60	60	60	60	60	60
F-Lymphoma		0	0	0	0	0	0	0	1
Liver	Number Examined:	58	60	60	60	60	60	60	60
F-Lymphoma		0	0	0	0	0	0	0	1
M-Histiocytic Sarcoma		0	0	0	0	0	1	0	0
Lung	Number Examined:	58	59	60	60	60	60	60	60
M-Carcinoma, Bronchiolar-Alveolar		0	0	0	0	1	0	0	0
F-Lymphoma		0	0	0	0	0	0	0	1
M-Carcinoma, Metastatic (skin)		0	0	0	0	0	0	0	1
M-Mesothelioma		0	0	0	0	0	0	1	0
M-Osteosarcoma, Metastatic (bone)		0	1	0	0	0	0	0	0
M-Carcinoma, Basal Cell, Metastatic (skin)		0	1	0	0	0	0	0	0

Table 21. Incidence Summary of Malignant and Infiltrative Neoplasms, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Lymph Node, Mesenteric	Number Examined:	58	60	60	60	60	60	60	60
M-Hemangiosarcoma		0	1	1	4	1	2	0	0
F-Lymphoma		0	0	0	0	0	0	0	1
M-Histiocytic Sarcoma		0	0	0	0	0	1	0	0
Oral Mucosa	Number Examined:	58	60	60	60	60	60	60	60
M-Carcinoma, Squamous Cell		0	0	1	1	0	0	0	0
Pancreas	Number Examined:	58	60	60	60	60	60	60	60
M-Carcinoma, Exocrine		0	0	1	0	0	0	0	0
F-Lymphoma		0	0	0	0	0	0	0	1
Pituitary Gland	Number Examined:	58	59	60	60	60	59	60	60
M-Carcinoma, Pars Distalis		3	0	0	0	1	0	2	1
F-Lymphoma		0	0	0	0	0	0	0	1
M-Carcinoma, Pars Intermedia		0	0	0	0	0	0	0	1
Preputial Gland	Number Examined:	58	59	60	60	60	60	59	60
M-Carcinoma		0	0	0	0	0	0	0	1
Prostate	Number Examined:	58	60	60	60	60	60	60	60
F-Lymphoma		0	0	0	0	0	0	0	1
M-Carcinoma		0	0	0	0	0	0	1	0
Salivary Gland	Number Examined:	58	59	59	60	60	60	60	60
F-Lymphoma		0	0	0	0	0	0	0	1
Skeletal Muscle	Number Examined:	58	60	60	60	60	60	60	60
M-Rhabdomyosarcoma		0	1	0	0	0	0	0	0
Skin	Number Examined:	58	59	60	60	60	60	60	60
M-Carcinoma, Basal Cell		1	1	0	0	0	0	0	1
M-Fibrosarcoma		0	0	0	1	0	0	0	1
F-Lymphoma		0	0	0	0	1	0	0	0
M-Schwannoma		0	1	0	0	0	0	0	0

Table 21. Incidence Summary of Malignant and Infiltrative Neoplasms, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Spinal Cord	Number Examined:	58	60	60	60	60	60	60	60
M-Ependymoma, Anaplastic		0	0	0	1	0	0	0	0
Spleen	Number Examined:	58	60	60	60	60	60	60	60
F-Lymphoma		0	0	0	1	0	0	0	1
M-Hemangiosarcoma		0	1	0	0	0	0	0	0
Testis	Number Examined:	58	60	60	60	60	60	60	60
M-Mesothelioma		0	0	0	1	1	0	1	0
M-Sarcoma		0	0	0	0	0	0	0	1
M-Leiomyosarcoma		0	0	0	0	0	0	2	0
Thymus	Number Examined:	53	50	55	59	58	58	56	59
M-Thymoma		1	0	0	0	1	0	0	0
F-Lymphoma		0	1	0	0	0	0	0	3
Thyroid Gland	Number Examined:	58	59	59	60	60	60	60	60
M-Carcinoma, Follicular Cell		0	1	0	2	0	0	1	0
Tongue	Number Examined:	58	59	60	60	60	60	60	60
M-Carcinoma, Squamous Cell		0	0	0	0	0	0	1	0
Urinary Bladder	Number Examined:	58	60	60	60	60	60	60	60
M-Carcinoma, Transitional Cell		0	1	0	1	0	0	0	0
Zymbal's Gland	Number Examined:	56	59	60	60	60	60	60	60
M-Carcinoma, Squamous Cell		0	0	0	2	1	0	1	0
Epididymis	Number Examined:	58	60	60	60	60	60	60	60
M-Mesothelioma		0	0	0	0	3	0	1	0
Mesentery	Number Examined:	0	1	0	0	1	0	1	0
M-Mesothelioma		0	0	0	0	0	0	1	0
Lymph Node, Other	Number Examined:	1	0	1	1	0	1	0	2
F-Lymphoma		0	0	0	0	0	0	0	1

Table 21. Incidence Summary of Malignant and Infiltrative Neoplasms, All Necropsies – Males (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
Lymph Node, Mediastinal	Number Examined:	0	0	0	0	0	0	1	3
F-Lymphoma		0	0	0	0	0	0	0	1
M-Leiomyosarcoma, Metastatic (testis)		0	0	0	0	0	0	1	0
Lymph Node, Mandibular	Number Examined:	0	0	0	2	0	0	1	2
F-Lymphoma		0	0	0	0	0	0	0	1
Bone	Number Examined:	2	1	0	0	0	0	0	1
F-Lymphoma		0	0	0	0	0	0	0	1
M-Osteosarcoma		0	1	0	0	0	0	0	0
Penis	Number Examined:	0	0	0	0	0	1	0	0
M-Lymphoma, Epitheliotropic		0	0	0	0	0	1	0	0

F = Infiltrative.

M = Malignant.

Table 22. Incidence Summary of Malignant and Infiltrative Neoplasms, All Necropsies – Females

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Adrenal Gland	Number Examined:	60	60	60	60	59	60	59	59
F-Lymphoma		0	1	0	0	0	0	0	0
Brain	Number Examined:	60	60	60	60	60	60	60	60
M-Astrocytoma		0	0	0	0	1	0	0	0
M-Medulloblastoma		0	0	0	0	1	0	0	0
M-Oligodendroglioma		1	1	0	0	0	0	0	0
Cecum	Number Examined:	60	59	60	60	59	60	60	58
F-Lymphoma		0	0	0	0	0	0	1	0
Clitoral Gland	Number Examined:	60	59	60	60	59	60	59	60
M-Carcinoma		0	0	0	0	1	0	0	0
Heart	Number Examined:	60	60	60	59	59	60	60	58
M-Transitional Cell Carcinoma, Metastatic (heart)		0	0	0	1	0	0	0	0
Kidney	Number Examined:	60	60	60	60	59	60	60	58
M-Carcinoma, Metastatic (uterus)		0	0	0	0	1	0	0	0
F-Lymphoma		1	0	0	0	0	0	0	0
M-Transitional Cell Carcinoma, Metastatic (kidney)		0	0	0	1	0	0	0	0
Liver	Number Examined:	60	60	60	60	59	60	60	58
F-Lymphoma		1	1	0	0	0	0	0	1
M-Leiomyosarcoma, Metastatic (stomach)		0	0	0	0	0	0	0	1
M-Carcinoma, Metastatic (uterus)		0	0	0	0	0	0	0	1
M-Transitional Cell Carcinoma, Metastatic (liver)		0	0	0	1	0	0	0	0
M-Histiocytic Sarcoma		0	0	0	0	0	0	1	0
Lung	Number Examined:	60	60	60	59	59	60	60	58
M-Carcinoma, Metastatic (uterus)		1	0	1	0	3	0	0	1
F-Lymphoma		1	1	0	0	0	0	1	1
M-Osteosarcoma, Metastatic (skeletal muscle)		1	0	0	0	0	0	0	0

Table 22. Incidence Summary of Malignant and Infiltrative Neoplasms, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
M-Transitional Cell Carcinoma, Metastatic (lung)		0	0	0	1	0	0	0	0
M-Histiocytic Sarcoma		0	0	0	0	0	0	1	0
M-Stromal Sarcoma, Metastatic (uterus)		0	1	0	0	0	0	0	0
Lymph Node, Mesenteric	Number Examined:	60	60	60	60	59	60	60	58
F-Lymphoma		0	0	0	0	0	0	1	1
M-Carcinoma, Metastatic (uterus)		1	0	0	0	0	0	0	1
M-Transitional Cell Carcinoma, Metastatic (lymph node, mesenteric)		0	0	0	1	0	0	0	0
M-Leiomyosarcoma, Metastatic (stomach)		0	0	0	1	0	0	0	0
M-Histiocytic Sarcoma		0	1	0	0	0	0	0	0
Mammary Gland	Number Examined:	60	60	60	60	60	60	60	60
M-Carcinoma		1	0	2	1	4	1	1	3
F-Lymphoma		1	1	0	0	0	0	0	0
M-Carcinosarcoma		0	0	1	0	0	0	0	0
Nose/Turbinates	Number Examined:	60	60	60	60	60	60	60	60
M-Carcinoma, Squamous Cell		1	0	0	0	0	0	0	0
Oral Mucosa	Number Examined:	60	60	60	59	60	60	60	60
M-Carcinoma, Squamous Cell		1	1	0	1	0	0	0	0
Ovary	Number Examined:	60	60	60	60	59	60	60	58
M-Carcinoma, Metastatic (uterus)		0	0	0	0	0	0	0	2
M-Mesothelioma		0	0	0	0	1	0	0	0
Pancreas	Number Examined:	60	60	60	60	59	60	60	58
M-Carcinoma, Metastatic (uterus)		0	0	2	0	1	0	0	1
F-Lymphoma		0	1	0	0	0	0	0	0
M-Transitional Cell Carcinoma, Metastatic (pancreas)		0	0	0	1	0	0	0	0

Table 22. Incidence Summary of Malignant and Infiltrative Neoplasms, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Pituitary Gland	Number Examined:	60	59	60	59	59	60	58	60
M-Carcinoma, Pars Distalis		2	0	1	4	0	1	0	0
Salivary Gland	Number Examined:	60	59	60	58	60	59	60	58
M-Carcinoma		0	0	0	0	0	0	0	1
Skeletal Muscle	Number Examined:	60	60	60	60	59	60	60	60
M-Carcinoma, Metastatic (uterus)		0	0	0	0	1	0	0	1
M-Osteosarcoma, Extraskelatal		1	0	0	0	0	0	0	0
M-Rhabdomyosarcoma		0	2	0	0	0	0	0	0
Skin	Number Examined:	60	60	60	60	59	60	60	60
M-Carcinoma, Basal Cell		4	0	0	0	1	0	0	0
M-Fibrosarcoma		0	0	0	1	0	0	0	0
M-Histiocytic Sarcoma		0	0	1	0	0	0	0	0
M-Carcinoma, Squamous Cell		0	0	1	0	0	0	0	0
M-Carcinoma, Apocrine Gland		0	1	0	0	0	0	0	0
Spleen	Number Examined:	60	60	60	60	59	60	60	58
F-Lymphoma		1	0	0	0	0	0	0	1
M-Transitional Cell Carcinoma, Metastatic (spleen)		0	0	0	1	0	0	0	0
M-Hemangiosarcoma		0	0	0	0	0	0	1	0
Sternum	Number Examined:	60	60	60	60	60	60	60	59
M-Osteosarcoma		0	0	0	1	0	0	0	0
Stomach	Number Examined:	60	60	60	60	59	60	60	59
M-Leiomyosarcoma		0	0	0	1	0	0	0	1
F-Lymphoma		1	1	0	0	0	0	0	0
Thymus	Number Examined:	57	59	59	58	59	58	58	57
M-Thymoma		1	2	1	0	0	0	1	0
F-Lymphoma		1	0	0	0	0	1	1	0
M-Histiocytic Sarcoma		0	0	0	0	0	0	1	0

Table 22. Incidence Summary of Malignant and Infiltrative Neoplasms, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Thyroid Gland	Number Examined:	60	59	60	58	60	59	60	59
M-Carcinoma, Follicular Cell		0	0	1	0	0	0	0	0
Urinary Bladder	Number Examined:	60	59	60	60	59	60	59	59
M-Carcinoma, Metastatic (uterus)		0	0	0	0	1	0	0	0
M-Carcinoma, Transitional Cell		0	0	0	1	0	0	0	0
M-Carcinoma, Squamous Cell		0	0	0	0	0	1	0	0
Uterus	Number Examined:	60	60	60	60	59	60	60	59
M-Sarcoma, Stromal		3	2	0	1	0	1	3	1
M-Carcinoma		1	0	5	3	7	3	0	4
M-Histiocytic Sarcoma		0	0	0	0	0	0	1	0
Vagina	Number Examined:	60	59	60	60	59	60	60	60
M-Carcinoma, Squamous Cell		0	0	0	0	1	0	0	0
M-Leiomyosarcoma		0	0	0	0	0	1	0	0
Zymbal's Gland	Number Examined:	60	59	60	60	60	60	60	60
M-Carcinoma, Squamous Cell		1	1	0	0	0	0	0	0
Mesentery	Number Examined:	0	2	1	1	3	0	0	1
M-Mesothelioma		0	0	0	0	1	0	0	0
M-Carcinoma, Metastatic (uterus)		0	0	1	0	2	0	0	1
M-Transitional Cell Carcinoma, Metastatic (mesentery)		0	0	0	1	0	0	0	0
M-Histiocytic Sarcoma		0	1	0	0	0	0	0	0
Lymph Node, Other	Number Examined:	1	0	0	1	0	0	1	3
F-Lymphoma		0	0	0	0	0	0	0	1
M-Carcinoma, Metastatic (uterus)		1	0	0	0	0	0	0	1
M-Hemangiosarcoma		0	0	0	0	0	0	0	1
M-Transitional Cell Carcinoma, Metastatic (lymph node, other)		0	0	0	1	0	0	0	0
M-Histiocytic Sarcoma		0	0	0	0	0	0	1	0

Table 22. Incidence Summary of Malignant and Infiltrative Neoplasms, All Necropsies – Females (Continued)

Tissue/Observation	Group:	Number Observed Per Group							
		CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Lymph Node, Mediastinal	Number Examined:	0	1	0	1	1	0	0	1
M-Carcinoma, Metastatic (uterus)		0	0	0	0	1	0	0	0
F-Lymphoma		0	0	0	0	0	0	0	1
M-Transitional Cell Carcinoma, Metastatic (lymph node, mediastinal)		0	0	0	1	0	0	0	0
M-Histiocytic Sarcoma		0	1	0	0	0	0	0	0
Bone	Number Examined:	0	1	0	0	0	0	0	0
M-Osteosarcoma		0	1	0	0	0	0	0	0

B = Benign.

F = Infiltrative.

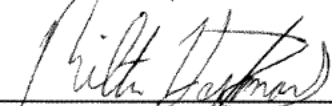
M = Malignant.

APPENDIX A: PROTOCOL, AMENDMENTS, AND DEVIATIONS

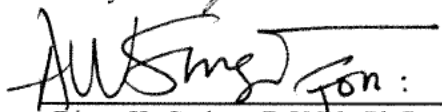
STUDY PROTOCOL**2-YEAR CHRONIC TOXICITY/CARCINOGENICITY STUDY
OF TOBACCO BLEND AND AQUEOUS TOBACCO EXTRACT IN
WISTAR HAN RATS****TESTING FACILITY:
BATTELLE COLUMBUS
505 KING AVENUE
COLUMBUS, OH 43201****SPONSOR:
R.J. REYNOLDS TOBACCO COMPANY
RESEARCH AND DEVELOPMENT
BOWMAN GRAY TECHNICAL CENTER
WINSTON-SALEM, NC 27102**

This protocol was approved by the Sponsor Study Monitor on 2/12/09 MS
Date / Initials

APPROVED, BATTELLE:


Milton R. Hejtmancik, Ph.D., D.A.B.T.
Study Director

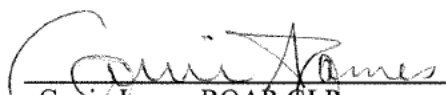
2/12/09
Date


Diane K. Gerken, D.V.M., Ph.D., D.A.B.V.T., D.A.B.T.
Toxicology Columbus Manager

2-12-09
Date

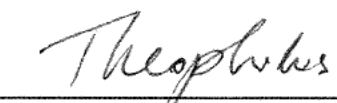
The protocol for the study, data, study conduct and the final report will be reviewed by Battelle's Quality Assurance Unit based upon current assurance principles and Good Laboratory Practices.

REVIEWED, BATTELLE:


Carrie James, RQAP-GLP
Quality Assurance Officer

2/12/09
Date

APPROVED, SPONSOR:


Suzana Theophilus, Ph.D., D.A.B.T.
Senior Staff Toxicologist

2/13/09
Date

To the best of our knowledge, this study does not unnecessarily duplicate any previous experiments.

1.0 PURPOSE

The purpose of this study is to compare toxicity of a tobacco blend, aqueous tobacco extract, and appropriate controls in rodents (diet negative control). The study will also include the determination of plasma concentrations of nicotine and cotinine under various conditions of test article exposure.

2.0 REGULATORY COMPLIANCE

This study will be conducted in compliance with the current version of the United States Food and Drug Administration's (FDA) Good Laboratory Practice (GLP) Regulations, 21 CFR Part 58, for the conduct of nonclinical laboratory studies. This protocol will be listed in the Battelle total list of studies as "FDA GLP (non-regulated)."

All portions of this study to be performed at Battelle will adhere to the study protocol and any amendments, as well as to applicable Battelle facility Standard Operating Procedures (SOPs).

Portions of this study performed by the Sponsor or Sponsor's designee will be conducted according to SOPs of the performing laboratory. The conduct of such portions will be conducted in compliance with the current version of the United States Food and Drug Administration's (FDA) Good Laboratory Practice (GLP) Regulations, 21 CFR Part 58 for the conduct of nonclinical laboratory studies. The analytical portion of serology testing will be conducted under non-GLP regulatory guidelines.

3.0 ROUTE AND DURATION OF ADMINISTRATION

The test articles will be administered orally in the feed. This route of administration is chosen based upon human exposure via the oral route. The toxicity phase of the study will consist of an interim time point (12 months) in which rats will be fed their respective diets for a minimum of 1 year (52 weeks). Animals in the carcinogenicity phase will be fed their respective diets for a minimum of 2 years (104 weeks).

4.0 TESTING FACILITY

4.1 Testing Facility

Battelle Columbus
505 King Avenue
Columbus, Ohio 43201-2693

4.2 Study Director

~~[Milton R. Hejtmancik, Ph.D., D.A.B.T.
Tel: 614-424-4465
Fax: 614-424-3171
E-mail: hejtmancik@battelle.org~~

Dawn M. Fallacara, Ph.D.
Tel: 614-424-4591
Fax: 614-424-3171
Email: fallacarad@battelle.org³

5.0 SPONSOR AND STUDY MONITOR**5.1 Sponsor:**

R.J. Reynolds Tobacco Company
Research and Development
Bowman Gray Technical Center
Winston-Salem, NC 27102

5.2 Sponsor's Study Monitor

Suzana Theophilus, Ph.D., D.A.B.T
R.J. Reynolds Tobacco Company
Research and Development
Bowman Gray Technical Center
Winston-Salem, NC 27102
Tel: 336-741-1536
E-mail: theophe@rjrt.com

6.0 PROPOSED STUDY SCHEDULE

Proposed dates for the following study events are listed below. The actual dates will be documented in the study file.

Animal Receipt:	February 17, 2009
Animal Quarantine:	February 17, 2009 – February 24, 2009
First Day of Dosing:	March 3, 2009 (M) and March 4, 2009 (F)
Last Day of Dosing:	
12-Month Toxicity Study:	March 1, 2010
24-Month Carcinogenicity Study:	February 28, 2011
Scheduled Necropsies:	
12-Month Toxicity Study:	March 2-5, 2010
24-Month Carcinogenicity Study:	March 1-18, 2011
Draft Final Reports:	
12-Month Toxicity Study:	September 20, 2010
24-Month Carcinogenicity Study:	September 19, 2011

Data Submission:

12-Month Interim Data Set

(including all histopathology)

April 30, 2010

TK Plasma Collections:Week [4 5]¹:

March 31-April 1, 2009

Week [13 14]¹:

June 2-3, 2009

Week 31:

September 29-30, 2009

Week 49:

February 2-3, 2010

Week 66:

June [1-2 2-3]⁴, 2010

Week 83:

September 28-29, 2010

Week 101:

February 1-2, 2011

7.0 TEST SYSTEM

Species:

Rat

Strain:

Wistar Hanover

Source:

Charles River

Anticipated Body Weight Range at

Randomization:

50-200 g

Anticipated Age Range at Arrival:

4-5 weeks

Number of Rats Required for Study:

1440 rats (720/sex), including sentinels.

A sufficient number of extra rats will be ordered to provide the required number of rats for the study.

7.1 Test System Justification

The rat is an accepted rodent species for inclusion in toxicology studies of test articles which are intended for human use. At this time, studies in laboratory animals are required to support regulatory submissions. The number of rats is considered to be the minimum number necessary to yield meaningful results.

8.0 ANIMAL CARE, HOUSING, AND ENVIRONMENTAL CONDITIONS

General procedures for animal care and housing will meet or exceed current AAALAC recommendations, current requirements stated in the "Guide for Care and Use of Laboratory Animals" (National Research Council, 1996), and will conform to the Testing Facility Standard Operating Procedures (SOPs). The protocol will be reviewed and approved by Battelle's Institutional Animal Care and Use Committee (IACUC) and will be reviewed by the Sponsor's IACUC, and Battelle will respond to any written comments and/or questions from the Sponsor's IACUC regarding the protocol.

8.1 Quarantine and Acclimation

Rats will be quarantined and acclimated for not less than 7 days in accordance with facility SOP.

8.2 Animal Housing

All animal housing and environmental conditions will follow facility SOPs. Male rats will be housed up to two per cage and female rats will be housed up to three per cage in polycarbonate cages appropriate for the animals and the study. Sentinel rats for serological monitoring will be housed in the same room as the study rats.

8.3 Feed

Rats will be fed powdered NTP-2000 rodent diet *ad libitum*, according to facility SOP, except when fasted prior to scheduled necropsy. The control group will be fed the diet without test article. Analytical reports of each feed lot will be provided by the manufacturer. Analytical reports will be reviewed according to facility SOP to ensure acceptable standards, and freedom from levels of contaminants that may interfere with the purpose or conduct of the study. Copies of the analytical results will be retained in the study file.

8.4 Water

Fresh water from the Columbus municipal water supply will be provided *ad libitum* to the rats by an automatic watering system. The water supply will be analyzed within 6 months from the start of the study to ensure acceptable standards, and freedom from levels of contaminants that may interfere with the purpose or conduct of the study. A copy of the analytical results will be retained in the study file.

9.0 TEST ARTICLE

Records of receipt and use of the test article will be maintained.

9.1 Test Articles**9.1.1 Tobacco Blend**

Description:	Natural tobacco blend containing no additives
Supplier:	R.J. Reynolds Tobacco Company
Characterization:	A Certificate of Analysis (CoA) and/or equivalent documentation of test article identity, strength, purity, composition and other defining characteristics was provided by the Sponsor. Documentation of production will be maintained by the Sponsor. Lot number(s) and

expiration date(s), if any, will be included in the final report and study files.

Stability: Test article stability was provided by the Sponsor for inclusion in the final report.

Storage Conditions: Suitable quantities of the test article were provided by the Sponsor in plastic buckets. The test article will be stored frozen (-30 to -15°C). Any test article from a single-use container that is not used for the formulation task for which it was aliquoted will be saved for emergency use only.

9.1.2 Aqueous Tobacco Extract

Description: Water extraction of tobacco test article

Supplier: R.J. Reynolds Tobacco Company

Characterization: A Certificate of Analysis (CoA) and/or equivalent documentation of test article identity, strength, purity, composition and other defining characteristics was provided by the Sponsor. Documentation of production will be maintained by the Sponsor. Lot number(s) and expiration date(s) will be included in the final report.

Stability: Test article stability was provided by the Sponsor for inclusion in the final report.

Storage Conditions: Suitable quantities of the test article were provided by the Sponsor in plastic buckets. The test article will be stored frozen (-30 to -15°C). Any test article from a single-use container that is not used for the formulation task for which it was aliquoted will be saved for emergency use only.

9.2 Reserve Samples

Archival samples (~100 g) of each set of the tobacco blend and aqueous tobacco extract were collected under design form CN49730 A-TASTAB. Reserve samples of the tobacco blend and tobacco extract will be maintained frozen (-30 to -15°C) until submission of the chronic study final report. At that time, reserve samples will be shipped to R.J. Reynolds Tobacco Company upon authorization by the Study Director. Samples will be shipped overnight on dry ice to:

R.J. Reynolds Tobacco Company
Research and Development
Bowman Gray Technical Center
Winston Salem, NC 27102

The Study Monitor will be notified of the date of shipment.

9.2.1 Disposition of Unused and Residual Test Articles

Following the completion of in-life dosing, the Sponsor will provide the laboratory authorization to either dispose of or directions to store unused test article for potential use in further studies. If for any reason, the subsequent studies are cancelled, the Sponsor will provide Battelle authorization to either dispose of these materials or have them returned to the Sponsor.

9.3 Formulation Preparation and Analysis

9.3.1 Formulation Preparation

Diet formulations will be prepared at approximately monthly intervals for the first three preps and bi-monthly thereafter according to a procedure developed by Battelle for this study, based on method(s) provided by the Sponsor. The concentration of test article in the feed will be based upon the anticipated food consumption in and body weight changes of Wistar Han rats to maintain a constant dose throughout the study. Exposure of the animals to the test articles and will be by *ad libitum* consumption of the NTP-2000 powdered feed. Formulations will be stored at room temperature prior to use and will be appropriately discarded on or after their expiration date. Stability of formulations was conducted under design form CN49730A-FORMPRE.

9.3.2 Retention Samples

One formulation analysis sample, target 200 g, and one formulation retention sample, target 200 g, will be taken from the formulation batches prepared for each diet at each dose and will be stored at room temperature. Formulation retention samples will be retained until the analysis is complete and acceptable to the Study Director or after the dose expires, whichever occurs first.

9.3.3 Formulation Analysis

Nicotine will be used as the tracking compound for the formulation analysis. All prepared formulations will be analyzed for nicotine content. Animal room samples will be collected once on the last day of use of the first formulation preparation. Homogeneity of dose formulations will be conducted during the first formulation and during subsequent formulations as necessary according to facility SOPs.

Results of formulation analyses and an audited formulation analysis report will be included in the final report.

(b) (4)



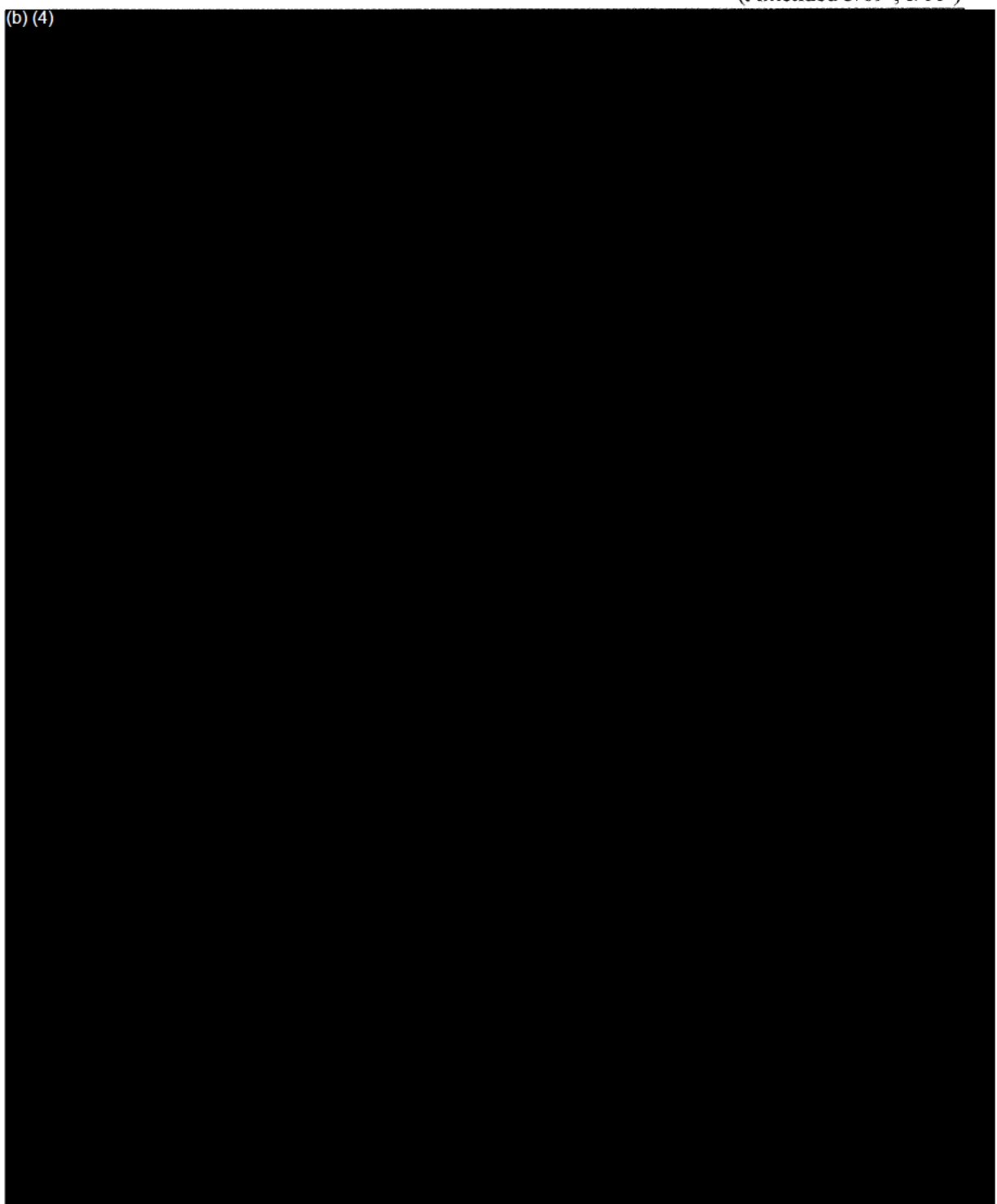
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Battelle Study Number CN49730G

Preparation Date: February 12, 2009

(Amended 3/09¹, 1/11⁶)

(b) (4)



10.1 Serology

The serology screen will be conducted using 5 males and 5 females soon after arrival. These animals will be necropsied to evaluate the internal organs for any signs of

disease. Initiation of the study will be dependent on negative serology and no evidence of disease in the animals. This procedure will be repeated at approximately 1, 6, 9, and 14 months of the study, and again near or at termination of the study.

Rat serology endpoints are as follows:

Sendai virus	Mouse adenovirus (MAV) 1 & 2
Pneumonia virus of mice (PVM)	Hantaviruses (HANT)
Sialodacryoadenitis virus (SDAV)	<i>Encephalitozoon cuniculi</i> (ECUN)
Kilham rat virus (KRV)	Cilia associated respiratory bacillus (CARB)
H-1 virus (H-1)	Mouse parvovirus (MPV) or PARV NS1
GDVII (murine encephalomyelitis virus)	Rat parvovirus (RPV)
REO	Rat minute virus (RMV)
<i>Mycoplasma pulmonis</i>	
Lymphocytic choriomeningitis virus (LCMV)	

10.2 Assignment to Groups

Rats will be assigned to dose groups by sex and body weight prior to the initiation of dosing using PATH/TOX SYSTEM 4.2.2. (Xybion Medical Systems Corp., Cedar Knolls, NJ), which ensures similar group mean body weights by sex. Rats whose body weights are outside a suitable range based on the mean body weights of the animals will not be assigned to the study upon the judgment of the study director. Animals whose behavior or clinical condition deviates from that typical of the species and strain will be eliminated from use on the study. After randomization, the mean body weights of each study group will not be significantly different ($p \leq 0.05$). After assignment to groups, each rat will be identified by tail tattoo with an animal identification number unique within the study. Each cage card will contain information including but not limited to study number, group assignment, and animal identification number.

Animal identification numbers will be assigned as follows:

Group	Color Code	Males		Females	
		Core	TK	Core	TK
1 - Control-A	White	101-180	1001-1010	1101-1180	2001-2010
2 - Control-B	White	201-260	--	1201-1260	--
3 - Tobacco Blend Low Dose	Lilac/Blue	301-380	1031-1040	1301-1380	2031-2040
4 - Tobacco Blend Intermediate Dose	Lilac/Yellow	401-480	1041-1050	1401-1480	2041-2050
5 - Tobacco Blend High Dose	Lilac/Red	501-580	1051-1060	1501-1580	2051-2060
6 - Tobacco Extract Low Dose	Tan/Blue	601-680	1061-1070	1601-1680	2061-2070
7 - Tobacco Extract Intermediate Dose	Tan/Yellow	701-780	1071-1080	1701-1780	2071-2080
8 - Tobacco Extract High Dose	Tan/Red	801-880	1081-1090	1801-1880	2081-2090
9 - Sentinels	Black	901-930	--	1901-1930	--

10.3 Clinical Observations

Cage-side observations for moribundity and mortality will be performed on all rats twice daily, at least 6 hours apart, per facility SOP.

Detailed clinical examinations will be conducted on all rats, including those not subsequently assigned to study, prior to group assignment. During the in-life phase of the study, detailed clinical examinations will be conducted weekly on all surviving core study rats. A final detailed clinical examination of each core study rat will be conducted on the day of its scheduled necropsy. Clinical observations will be conducted for all core moribund animals. Clinical observations will not be conducted for TK animals.

10.4 Body Weight

Individual animal body weights will be recorded for all rats pre-study for randomization and group assignment. After initiation of dosing, body weights for all core study rats (excluding sentinels) [*and rats in the TK plasma analysis groups*]¹ will be recorded weekly for the first 13 weeks and every 4 weeks thereafter until termination. [~~Weekly body weights will also be recorded for animals in the TK plasma analysis groups.~~]¹

10.5 Food Consumption

Food consumption over an approximate 24 hour period (24 hour food consumption over a 1 week period) for core study rats will be measured weekly for 13 weeks and every 4 weeks thereafter until termination. Food consumption will not be measured on TK animals or sentinels.

10.6 Ophthalmic Examinations

Ophthalmic examinations will be conducted on all potential core carcinogenicity animals according to facility SOP by a staff veterinarian prior to selection/group assignment. Ophthalmic exams will also be performed after 12 months and near the termination of the carcinogenicity phase for all core carcinogenicity study animals, excluding *[the Control-B group and]*¹ sentinels. A mydriatic will be used for ophthalmic exams. A copy of the ophthalmic examination findings will be included in the final report.

10.7 Toxicokinetics

Ten rats per sex are included in each dose group, excluding the Control-B group, for determinations of plasma nicotine and cotinine concentrations. Methodology for plasma nicotine and cotinine analysis were validated under design form CN49730 A-BIOVAL.

~~[Blood sampling]~~ *Toxicokinetic plasma collection*¹ will occur on each Tuesday (males) and Wednesday (females) ~~[immediately following on]~~¹ Weeks 5, 14, and every 4 months thereafter (Weeks 31, 49, 66, 83, and 101). Samples will be collected at a single time point (12:00 AM) for nicotine and cotinine analysis in five male and five female rats from up to seven dose groups at each of the four time periods (35 total TK samples/sex/time period). Five extra rats have been included in each dose group for potential replacement of any rat that may die or be unsuitable for blood sampling. The data from each sampling period will be used to evaluate dose proportionality and nicotine metabolism by sex and group.

Toxicokinetic study rats will be anesthetized with CO₂/O₂ and blood will be collected retro-orbitally into tubes containing potassium EDTA as the anti-coagulant. A target volume of 500 µL of blood will be collected at each time point using techniques according to facility SOPs. Samples will be placed on wet ice until centrifuged. Plasma will be transferred into appropriately labeled tubes and placed on dry ice until stored in a freezer set to maintain -60 to -80°C.

After each blood collection the animal will be placed back in its home cage and supplied with feed and water until the next scheduled blood collection. These animals will remain on the study and be used for subsequent plasma nicotine and cotinine analysis. Toxicokinetic animals will be euthanized ~~[at termination of the study]~~ *after the last collection day*⁶ with no further data collected.

Toxicokinetic parameters to be evaluated will include but may not be limited to the measured C_{max} and T_{max}. An audited toxicokinetic report and an audited bioanalytical report, together with appropriate QA documentation, will be provided to the Study Director for inclusion in the final report.

10.8 Clinical Pathology

Clinical chemistry, hematology and coagulation assessments will be performed on all surviving core study rats (excluding sentinels) on the day of their scheduled necropsy at the termination of the 12-month chronic toxicity phase. Urinalysis will be conducted for 10 surviving core study rats per sex per dose group. No clinical pathology studies will be conducted on carcinogenicity rats at the termination of the carcinogenicity phase.

All rats will be fasted overnight prior to scheduled blood sampling for hematology, coagulation, and clinical chemistry determinations. Rats will be anesthetized and blood will be collected using an appropriate method. The tubes for hematology will contain EDTA as an anticoagulant. The tubes used for clinical chemistry determinations will not contain anticoagulant, but may contain serum separator gel. Sodium citrate will be used as an anticoagulant for the coagulation assay. Minimum target volumes of blood collections for clinical chemistry, hematology and coagulation are 1.1, 0.5, and 1.3 mL, respectively. In the event that blood volumes do not meet these suggested values, clinical chemistry and coagulation parameters will be given the highest and lowest priority, respectively. Further prioritization may be assigned to clinical chemistry parameters based upon anticipated target organs (see below).

Rats will be placed into metabolism cages for urine collection. Water, but no food, will be provided to the animals. Urine will be collected overnight according to facility SOPs.

Clinical pathology results, and the clinical pathologist's report, will be included in the final report.

10.8.1 Clinical Chemistry Parameters

Clinical chemistry parameters to be evaluated are (listed in the order of priority left column top to bottom, then right column top to bottom):

Aspartate aminotransferase	Cholesterol
Bilirubin, direct	Creatinine
Bilirubin, total	Protein, total
Gamma glutamyl transferase	Urea nitrogen
Albumin	Electrolytes:
Globulin	Calcium
Albumin/globulin ratio	Chloride
Alkaline phosphatase	Phosphorus
Glucose	Potassium
Triglycerides	Sodium

10.8.2 Hematologic Parameters

Hematologic parameters to be evaluated are:

Erythrocyte count	Mean corpuscular hemoglobin concentration
Hematocrit	Mean corpuscular volume
Hemoglobin	Platelet count
Leukocyte count, total	Reticulocyte count
Leukocyte differential	
Mean corpuscular hemoglobin	

10.8.3 Coagulation Parameters

Prothrombin time will be evaluated.

10.8.4 Urinalysis

Urinalysis parameters to be evaluated are (listed in the order of priority left column top to bottom, then right column top to bottom):

Appearance	Glucose
Color	Protein
Volume	Specific gravity
pH	Microscopic examination of sediment ^a

^a Sediment will be evaluated for white blood cells, red blood cells, casts, epithelial cells, mucus, sperm, bacteria, yeast, amorphous sediment, and crystals.

10.9 Necropsy

10.9.1 Unscheduled Necropsy

Complete necropsies will be performed on all core study rats that die or are terminated at an unscheduled interval. Terminal body weights and clinical observations will be recorded for moribund core rats prior to euthanasia. Moribund core rats will be euthanized using CO₂. Organ weights will not be recorded for

unscheduled deaths. Necropsy and clinical observations will not be conducted on sentinels and toxicokinetic rats that die or are terminated at an unscheduled interval.

10.9.2 Scheduled Necropsy

At the end of the chronic toxicity phase and the carcinogenicity phase, all surviving core animals, excluding sentinels, will be fasted overnight and humanely terminated via exsanguination (12-month toxicity study) or CO₂ (carcinogenicity study). A final clinical observation will evaluate the external features of the animal. Terminal body weights will then be determined, followed by necropsy.

All scheduled necropsies will be conducted under the supervision of a board-certified veterinary pathologist. Each necropsy will include examination of the external surface of the body and all orifices; the cranial, thoracic, abdominal and pelvic cavities and their contents; and collection of tissues.

Tissues listed below, when present, will be collected from all rats according to facility SOP. Tissues will be placed in 10% neutral buffered formalin (NBF), with the exception of testes, which will be preserved in Bouin's fixative and subsequently transferred to 70% ethanol, and eyes with optic nerve which will be fixed in Davidson's fixative and subsequently transferred to 10% NBF, per facility SOP.

Animal identification ^a	Pituitary gland
Adrenal glands	Preputial glands
Bone and marrow (femur)	Prostate gland
Brain	Salivary gland (mandibular)
Clitoral gland	Sciatic nerve
Epididymides	Seminal vesicles
Esophagus, pharynx, trachea	Skeletal muscle (biceps femoris)
Eyes	Skin
Gross lesions	Spinal cord (cervical, thoracic, lumbar)
Harderian glands	Spleen
Heart	Sternum with bone marrow
Intestine, large (cecum, colon, rectum)	Stomach (fore-stomach and glandular)
Intestine, small (duodenum, jejunum, ileum)	Testes
Kidneys	Thymus
Liver (median lobe and left lateral lobe)	Thyroid gland (with parathyroids, if present in routine section)
Lungs with bronchi	Tongue
Lymph node (mesenteric)	Urinary bladder
Mammary gland (females only)	Uterus
Nose (nasal cavity and turbinates)	Vagina
Ovaries (without oviduct)	Zymbal glands
Oral [cavity <i>mucosa</i>] ²	
Pancreas	

^a Collected but not processed.

10.10 Organ Weights

The following organs, when present, will be weighed during scheduled necropsies for the 12-month chronic toxicity phase of the study. Paired organs will be weighed together. Absolute weight, organ-to-body weight and organ-to-brain-weight will be reported. Organ weights will not be conducted on rats found dead or euthanized in moribund condition.

Adrenal glands	Thyroid/parathyroid gland ^a
Brain	Seminal vesicles ^a
Epididymides	Spleen
Heart	Ovaries (without oviduct)
Kidneys	Testes (without epididymides)
Liver	Thymus
Lungs	Salivary glands (mandibular)
Pituitary gland ^a	Uterus (with cervix)
Prostate ^[a] ¹	

^a Weighed after fixation.

10.11 Tissue Processing

All fixed tissues *[of the 12-month toxicity animals]*⁶ from controls (Group 1) and high dose groups (Groups 5 and 8) will be processed to slides~~]. and All fixed tissues of the 24-month carcinogenicity animals from controls (Group 1) and all dose groups (tobacco blend and tobacco extract) will be processed to slides. Slides will be~~⁶ stained with hematoxylin and eosin according to facility SOP for histopathologic examination. ~~[[Tissues collected from Control-B (Group 2) will not be processed to slides and stained unless authorized by the Sponsor. Tissues collected from Control-B (Group 2) will be processed to slides and stained with hematoxylin and eosin according to facility SOP for histopathologic examination.]~~⁷ This additional processing will be performed for additional cost and time, which will require modifications of the report timeline.]⁶

10.12 Histopathologic Evaluation

Tissue slides from *[all unscheduled and]*⁶ scheduled necropsies of core rats in the *[12-month toxicity]*⁶ Control-A (Group 1) and high dose groups (Group 5 for tobacco blend and Group 8 for tobacco extract) will be examined histologically by a board-certified veterinary pathologist. *[Tissue slides from all unscheduled and scheduled necropsies of core rats in the 24-month carcinogenicity Control-A group (Group 1) and all dose groups (tobacco blend and tobacco extract) will be examined histologically by a board-certified veterinary pathologist.]*⁶ Tissues collected from Control-B (Group 2) will ~~[not]~~⁷ be examined histologically ~~[unless authorized by the Sponsor by a board-certified veterinary pathologist]~~⁷.

~~[Additional groups may be included for histological examination at the discretion of the Sponsor.]~~⁶ These additional examinations will be performed for additional cost and time, which will require modifications of the report timeline.

An internal peer review will be performed according to Battelle SOP.

Necropsy and histopathology results and the pathologist's report will be included in the final report.

11.0 COMPUTER SYSTEMS FOR DATA MANAGEMENT

The following computer systems will be used for the conduct of this study:

Computer System Name	Version	Manufacturer	Data Type
Analyst	1.4.2	[Applied Biosystems Inc. <i>ABSCIEX</i>] ⁶	Chromatography/ Mass Spectrometry
Atlas	8.2	Thermo Fisher Scientific	Chromatography
[<i>EMCS</i>	<i>3.10</i>	<i>Siemens</i>	<i>Animal Facility Environmental</i>] ⁵
Excel Building Supervisor	1.7	Honeywell	Animal Facility Environmental
PATH/TOX SYSTEM	4.2.2	Xybion Medical Systems Corporation	Animal Toxicology and Pathology
T-Track	1.0.0	Battelle	Environmental Storage

12.0 STATISTICAL ANALYSIS

All appropriate quantitative in-life, clinical pathology, and postmortem data collected at Battelle will be analyzed statistically when $n \geq 3$. All data will be analyzed for test article effects by analysis of variance. For homogeneous data, as determined by Bartlett's test for homogeneity at the 0.05 level, tests for differences between the control and comparison groups will be made using Dunnett's, LSD or Modified t-test. For non-homogeneous data, as determined by Bartlett's test for homogeneity at the 0.05 level, tests for pairwise differences between the control and each of the comparison groups will be made using Cochran and Cox's modified two-sample t-test. Statistical significance for each comparison will be reported at the 0.05 level. Comparisons will include Control-A vs. Test Articles and Blend vs. Extract. Qualitative data summaries will be provided for clinical observations.

Toxicokinetic data will be reported as individual and group mean summary graphs and tables prepared by species, sex, treatment, and time period.

[*PETO's Trend*]⁸ tests will be used for carcinogenicity data analysis. Each tumor observed in each animal will be classified by the pathologist as either incidental, fatal, or mortality independent. Nonlethal occult tumors will be classified as incidental tumors, which do not contribute to the death of the animal. Tumors that are assumed to have caused the death of an animal will be classified as fatal tumors. Tumors present at termination, which therefore could not have been responsible for the animal's death and yet can also not be assumed to be incidental, will be classified as mortality independent tumors. When a tumor is observed in a fatal context for some animals, and an incidental context for the other animals, PETO's tests, both in

asymptotic and exact per mutation versions, will be used to test for positive linear dose trends in tumor incidences. These tests will be also used to conduct pairwise comparisons to the vehicle control group.

13.0 REPORTING

A draft final report will be prepared and submitted to the Sponsor as a .pdf file via email. The Sponsor shall submit final comments, if any, on the draft report to the

Study Director. After review and acceptance of the draft final report by the Sponsor, Battelle will submit to the Sponsor a bound final report along with a .pdf file.

14.0 STORAGE OF STUDY MATERIALS AND RECORDS RETENTION

Except for analyses performed by the Sponsor or Sponsor's designated laboratory, all records required to reconstruct the study and the final report will be maintained under the direction of Battelle according to facility SOPs. The final report, study files, records and specimens will be stored in Battelle's archives for a period of no less than one year after issue of the final report. At the end of 1 year, the Sponsor will provide authorization concerning the disposition of these items.

**AMENDMENT NUMBER 1 TO THE PROTOCOL FOR THE 2-YEAR CHRONIC
TOXICITY/CARCINOGENICITY STUDY OF TOBACCO BLEND AND AQUEOUS
TOBACCO EXTRACT IN WISTAR HAN RATS (CN49730G)**

1. a. Page 5, Section 6.0, Proposed Study Schedule. The following TK Plasma Collections have changed from:

“Week 4” and “Week 13”

to:

“Week 5” and “Week 14”
 - b. The reason for the change is to maintain consistency and to clarify when plasma, as opposed to blood, will be collected from toxicokinetic animals.
 - c. The effective date for this change is February 12, 2009.
2. a. Page 9, Section 10.0, Experimental Design. The following sentence has changed from:

“A subset of 10 rats/sex are included in each dose group for plasma nicotine and cotinine analysis in which blood collection will occur from five rats per sex per group on each Tuesday and Wednesday immediately following Week 4, 13, and once every 4 months thereafter (Weeks 31, 49, 66, 83, and 101) at a single collection time point (12:00 AM target time).”

to:

“A subset of 10 rats/sex are included in each dose group for plasma nicotine and cotinine analysis in which plasma collection will occur from five rats per sex per group on each Tuesday and Wednesday on study Weeks 5, 14, and once every 4 months thereafter (Weeks 31, 49, 66, 83, and 101) at a single collection time point (12:00 AM target time).”
 - b. The reason for the change is to maintain consistency and to clarify when plasma, as opposed to blood, will be collected from toxicokinetic animals.
 - c. The effective date for this change is February 12, 2009.

3. a. Page 11, Section 10.4, Body Weight. The following sentence has changed from:

“After initiation of dosing, body weights for all core study rats (excluding sentinels) will be recorded weekly for the first 13 weeks and every 4 weeks thereafter until termination.”

to:

“After initiation of dosing, body weights for all core study rats (excluding sentinels) and rats in the TK plasma analysis groups will be recorded weekly for the first 13 weeks and every 4 weeks thereafter until termination.”
- b. The reason for the change is to correct an error in the protocol.
- c. The effective date for this change is February 12, 2009.
4. a. Page 11, Section 10.4, Body Weight. The following sentence has been deleted:

“Weekly body weights will also be recorded for animals in the TK plasma analysis groups.”
- b. The reason for the change is to correct an error in the protocol.
- c. The effective date for this change is February 12, 2009.
5. a. Page 12, Section 10.6, Ophthalmic Examinations. The following sentence has changed from:

“Ophthalmic exams will also be performed after 12 months and near the termination of the carcinogenicity phase for all core carcinogenicity study animals, excluding sentinels.”

to:

“Ophthalmic exams will also be performed after 12 months and near the termination of the carcinogenicity phase for all core carcinogenicity study animals, excluding the Control-B group and sentinels.”

- b. The reason for the change is to clarify which groups will be examined after 12 months and near the termination of the carcinogenicity phase.
 - c. The effective date for this change is February 12, 2009.
- 6.
 - a. Page 12, Section 10.7, Toxicokinetics. The following sentence has changed from:

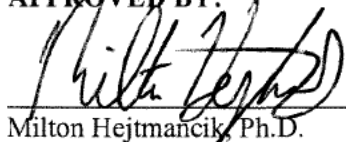
“Blood sampling will occur on each Tuesday (males) and Wednesday (females) immediately following Weeks 4, 13, and every 4 months thereafter (Weeks 31, 49, 66, 83, and 101).”

to:

“Toxicokinetic plasma collection will occur on each Tuesday (males) and Wednesday (females) on study Weeks 5, 14, and every 4 months thereafter (Weeks 31, 49, 66, 83, and 101).”
 - b. The reason for the change is to maintain consistency and to clarify when plasma, as opposed to blood, will be collected from toxicokinetic animals.
 - c. The effective date for this change is February 12, 2009.
- 7.
 - a. Page 16, Section 10.10, Organ Weights. The prostate must be weighed after fixation.
 - b. The reason for the change is to correct a typographical error in the protocol.
 - c. The effective date for this change is February 12, 2009.
- 8. Revised pages 5, 9, 11, 12 and 16 of the protocol as changed in the amendment are attached.

Battelle Study Number CN49730G

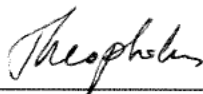
Page 4 of 4

APPROVED BY:

Milton Hejtmancik, Ph.D.
Diplomate, A.B.T.
Study Director

3/11/09

Date



Suzana Theophilus, Ph.D.
Diplomate, A.B.T.
Study Monitor
R.J. Reynolds Tobacco Company

3/13/09

Date

**AMENDMENT NUMBER 2 TO THE PROTOCOL FOR THE 2-YEAR CHRONIC
TOXICITY/CARCINOGENICITY STUDY OF TOBACCO BLEND AND AQUEOUS
TOBACCO EXTRACT IN WISTAR HAN RATS (CN49730G)**

1. a. Page 15, Section 10.9.2, Scheduled Necropsy. The following tissue has been changed from:

“Oral cavity”

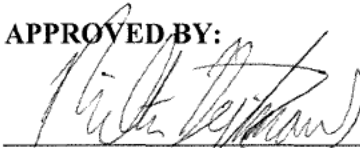
to:

“Oral mucosa”

b. The reason for the change is to clarify the portion of oral tissue collected, processed, and examined microscopically.

c. The effective date for this change is April 14, 2010.
2. Revised page 15 of the protocol as changed in the amendment is attached.


APPROVED BY:



Milton Hejtmanek, Ph.D.
Diplomate, A.B.T.
Study Director

4/14/10

Date



Suzana Theophilus, Ph.D.
Diplomate, A.B.T.
Study Monitor
R.J. Reynolds Tobacco Company

4/15/10

Date

**AMENDMENT NUMBER 3 TO THE PROTOCOL FOR THE 2-YEAR CHRONIC
TOXICITY/CARCINOGENICITY STUDY OF TOBACCO BLEND AND AQUEOUS
TOBACCO EXTRACT IN WISTAR HAN RATS (CN49730G)**


1. a. Page 4, Section 4.2, Study Director. The Study Director has been changed from:

 “Milton R. Hejtmancik, Ph.D., D.A.B.T.
 Tel: 614-424-4465
 Fax: 614-424-3171
 E-mail: hejtman@battelle.org”

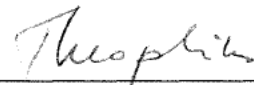
 to:

 “Dawn M. Fallacara, Ph.D.
 Tel: 614-424-4591
 Fax: 614-424-3171
 E-mail: fallacarad@battelle.org”
 - b. The reason for the change is because Dr. Hejtmancik has been assigned additional responsibilities.
 - c. The effective date for this change is April 20, 2010.
2. Revised page 4 of the protocol as changed in the amendment is attached.


APPROVED BY:


Diane K. Gerken, D.V.M., Ph.D., D.A.B.T.
Diplomate, A.B.V.T.


4/20/10
Date

① 
Dawn M. Fallacara, Ph.D.
Study Director

4/20/10
Date

① 
Suzana Theophilus, Ph.D.
Diplomate, A.B.T.
Study Monitor
R.J. Reynolds Tobacco Company

①
Date

① Study monitor signed in wrong location. DMF 4/20/10

Study Director

4/20/10
Date

**AMENDMENT NUMBER 4 TO THE PROTOCOL FOR THE 2-YEAR CHRONIC
TOXICITY/CARCINOGENICITY STUDY OF TOBACCO BLEND AND AQUEOUS
TOBACCO EXTRACT IN WISTAR HAN RATS (CN49730G)**


1. a. Page 5, Section 6.0, Proposed Study Schedule. The following TK Plasma Collection dates during Week 66 have been changed from:

"June 1-2, 2010"

to:

"June 2-3, 2010"
 - b. The reason for the change is to avoid the occurrence of this critical study event on the Memorial Day holiday.
 - c. The effective date for this change is May 5, 2010.
2. Revised page 5 of the protocol as changed in the amendment is attached.

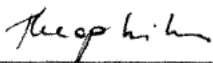
APPROVED BY:



Dawn M. Fallacara, Ph.D.
Study Director

6/4/10

Date



Suzana Theophilus, Ph.D.
Diplomate, A.B.T.
Study Monitor
R.J. Reynolds Tobacco Company

6/10/10

Date

**AMENDMENT NUMBER 5 TO THE PROTOCOL FOR THE 2-YEAR CHRONIC
TOXICITY/CARCINOGENICITY STUDY OF TOBACCO BLEND AND AQUEOUS
TOBACCO EXTRACT IN WISTAR HAN RATS (CN49730G)**

1. a. Page 17, Section 11.0, **COMPUTER SYSTEMS FOR DATA MANAGEMENT**. The following computer system has been added:

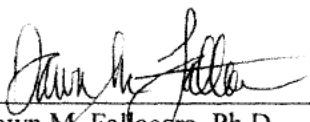
“

Computer System Name	Version	Manufacturer	Data Type
EMCS	3.10	Siemens	Animal Facility Environmental

”

- b. This study has moved to Building 7-South. Therefore, this addition to the protocol is necessary to include the new monitoring system used in the study's new location.
- c. The effective date for this change is March 31, 2010.
2. Revised pages 17a and 17b of the protocol as changed in the amendment is attached.

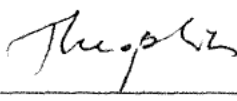
APPROVED BY:



Dawn M. Fallacara, Ph.D.
Study Director

6/9/10

Date



Suzana Theophilus, Ph.D.
Diplomate, A.B.T.
Study Monitor
R.J. Reynolds Tobacco Company

6/10/10

Date

**AMENDMENT NUMBER 6 TO THE PROTOCOL FOR THE 2-YEAR CHRONIC
TOXICITY/CARCINOGENICITY STUDY OF TOBACCO BLEND AND AQUEOUS
TOBACCO EXTRACT IN WISTAR HAN RATS (CN49730G)**

1. a. Page 9, Section 10.0, **EXPERIMENTAL DESIGN**. The following sentence has been added to the end of the first complete paragraph:

“Control toxicokinetic animals may be used to fulfill serological monitoring requirements after the final toxicokinetic plasma collection.”

b. The reason for this change is to allow control toxicokinetic animals to be used for terminal serological monitoring if there are not enough sentinels to fulfill the 5 animals per sex for testing.

c. The effective date for this change is January 21, 2011.
2. a. Page 12, Section 10.7, **Toxicokinetics**. The last sentence of the fourth paragraph has changed from:

“Toxicokinetic animals will be euthanized at termination of the study with no further data collected.”

to:

“Toxicokinetic animals will be euthanized after the last collection day with no further data collected.”

b. The reason for this change is to allow termination of the toxicokinetic animals after all collections have been completed and prior to study termination.

c. The effective date for this change is January 10, 2011.
3. a. Page 16, Section 10.11, **Tissue Processing**. The section has changed from:

“All fixed tissues from controls (Group 1) and high dose groups (Groups 5 and 8) will be processed to slides and stained with hematoxylin and eosin according to facility SOP for histopathologic examination.”

to:

“All fixed tissues of the 12-month toxicity animals from controls (Group 1) and high dose groups (Groups 5 and 8) will be processed to slides. All fixed

tissues of the 24-month carcinogenicity animals from controls (Group 1) and all dose groups (tobacco blend and tobacco extract) will be processed to slides. Slides will be stained with hematoxylin and eosin according to facility SOP for histopathologic examination. Tissues collected from Control-B (Group 2) will not be processed to slides and stained unless authorized by the Sponsor. This additional processing will be performed for additional cost and time, which will require modifications of the report timeline.”

- b. Page 16, Section 10.12, **Histopathologic Evaluation**. The first paragraph has changed from:

“Tissue slides from scheduled necropsies of core rats in the Control-A (Group 1) and high dose groups (Group 5 for tobacco blend and Group 8 for tobacco extract) will be examined histologically by a board-certified veterinary pathologist. Tissues collected from Control-B (Group 2) will not be examined histologically unless authorized by the Sponsor. Additional groups may be included for histological examination at the discretion of the Sponsor. These additional examinations will be performed for additional cost and time, which will require modifications of the report timeline.”

to:

“Tissue slides from all unscheduled and scheduled necropsies of core rats in the 12-month toxicity Control-A (Group 1) and high dose groups (Group 5 for tobacco blend and Group 8 for tobacco extract) will be examined histologically by a board-certified veterinary pathologist. Tissue slides from all unscheduled and scheduled necropsies of core rats in the 24-month carcinogenicity Control-A group (Group 1) and all dose groups (tobacco blend and tobacco extract) will be examined histologically by a board-certified veterinary pathologist. Tissues collected from Control-B (Group 2) will not be examined histologically unless authorized by the Sponsor. These additional examinations will be performed for additional cost and time, which will require modifications of the report timeline.”

- c. The reasons for these changes are to add additional tissue processing and histopathologic evaluation of core 24-month carcinogenicity groups, to clarify that Control-B (Group 2) tissues will not be processed to slides and stained unless authorized by the Sponsor, and to add the histopathologic evaluation of tissue slides from unscheduled necropsies.
- d. The effective date for these changes is January 10, 2011.

4. a. Page 17a, Section 11.0, **COMPUTER SYSTEMS FOR DATA MANAGEMENT**. The following row in the table has changed to:

“

Computer System Name	Version	Manufacturer	Data Type
Analyst	1.4.2	ABSCIEX	Chromatography/ Mass Spectrometry

”

- b. The reason for this change is to update the manufacturer of the Analyst computer system.
- c. The effective date of this change is April 8, 2010.
5. a. Revised pages 9a, 9b, 12, 16a, 16b, and 17a of the protocol as changed in the amendment are attached.

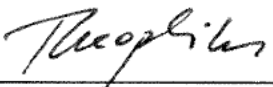
APPROVED BY:



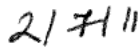
Dawn M. Fallacara, Ph.D.
Study Director



Date



Suzana Theophilus, Ph.D.
Diplomate, A.B.T.
Study Monitor
R.J. Reynolds Tobacco Company



Date

**AMENDMENT NUMBER 7 TO THE PROTOCOL FOR THE 2-YEAR CHRONIC
TOXICITY/CARCINOGENICITY STUDY OF TOBACCO BLEND AND AQUEOUS
TOBACCO EXTRACT IN WISTAR HAN RATS (CN49730G)**

1. a. Page 16a, Section 10.11, **Tissue Processing**. The section has changed from:

“All fixed tissues of the 12-month toxicity animals from controls (Group 1) and high dose groups (Groups 5 and 8) will be processed to slides. All fixed tissues of the 24-month carcinogenicity animals from controls (Group 1) and all dose groups (tobacco blend and tobacco extract) will be processed to slides. Slides will be stained with hematoxylin and eosin according to facility SOP for histopathologic examination. Tissues collected from Control-B (Group 2) will not be processed to slides and stained unless authorized by the Sponsor. This additional processing will be performed for additional cost and time, which will require modifications of the report timeline.”

to:

“All fixed tissues of the 12-month toxicity animals from controls (Group 1) and high dose groups (Groups 5 and 8) will be processed to slides. All fixed tissues of the 24-month carcinogenicity animals from controls (Group 1) and all dose groups (tobacco blend and tobacco extract) will be processed to slides. Slides will be stained with hematoxylin and eosin according to facility SOP for histopathologic examination. Tissues collected from Control-B (Group 2) will be processed to slides and stained with hematoxylin and eosin according to facility SOP for histopathologic examination. This additional processing will be performed for additional cost and time, which will require modifications of the report timeline.”

- b. Page 16, Section 10.12, **Histopathologic Evaluation**. The first paragraph has changed from:

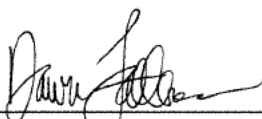
“Tissue slides from all unscheduled and scheduled necropsies of core rats in the 12-month toxicity Control-A (Group 1) and high dose groups (Group 5 for tobacco blend and Group 8 for tobacco extract) will be examined histologically by a board-certified veterinary pathologist. Tissue slides from all unscheduled and scheduled necropsies of core rats in the 24-month carcinogenicity Control-A group (Group 1) and all dose groups (tobacco blend and tobacco extract) will be examined histologically by a board-certified veterinary pathologist. Tissues collected from Control-B (Group 2) will not be examined histologically unless authorized by the Sponsor.”

to:

“Tissue slides from all unscheduled and scheduled necropsies of core rats in the 12-month toxicity Control-A (Group 1) and high dose groups (Group 5 for tobacco blend and Group 8 for tobacco extract) will be examined histologically by a board-certified veterinary pathologist. Tissue slides from all unscheduled and scheduled necropsies of core rats in the 24-month carcinogenicity Control-A group (Group 1) and all dose groups (tobacco blend and tobacco extract) will be examined histologically by a board-certified veterinary pathologist. Tissues collected from Control-B (Group 2) will be examined histologically by a board-certified veterinary pathologist.”

- c. The reasons for these changes are to add additional tissue processing and histopathologic evaluation of the Control-B (Group 2).
 - d. The effective date for these changes is March 17, 2011.
2. a. Revised page 16a of the protocol as changed in the amendment is attached.

APPROVED BY:



Dawn M. Fallacara, Ph.D.
Study Director

4/1/11

Date



Suzana Theophilus, Ph.D.
Diplomate, A.B.T.
Study Monitor
R.J. Reynolds Tobacco Company

4/5/11

Date

**AMENDMENT NUMBER 8 TO THE PROTOCOL FOR THE 2-YEAR CHRONIC
TOXICITY/CARCINOGENICITY STUDY OF TOBACCO BLEND AND AQUEOUS
TOBACCO EXTRACT IN WISTAR HAN RATS (CN49730G)**

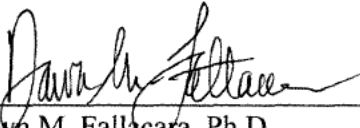
1. a. Page 17a, Section 12.0, **STATISTICAL ANALYSIS**. The following sentence has changed from:

“PETO’s tests will be used for carcinogenicity data analysis.”

to:

“Trend tests will be used for carcinogenicity data analysis.”
 - b. The reason for this change is to clarify that trend tests other than Peto’s may be used to detect a positive linear dose trend for tumor incidence, depending upon the characteristics of the data set.
 - c. The effective date for this change is September 19, 2011.
2. a. Revised page 17a of the protocol as changed in the amendment is attached.

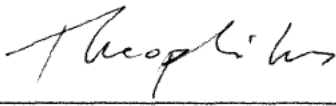
APPROVED BY:



Dawn M. Fallacara, Ph.D.
Study Director

12/14/11

Date



Suzana Theophilus, Ph.D.
Diplomate, A.B.T.
Study Monitor
R.J. Reynolds Tobacco Company

12/16/11

Date

DEVIATION REPORT

CN49730G

2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract
in Wistar Han Rats

Type of Deviation: Protocol

Dates of Deviation: February 17, 2009 – February 24, 2009 (Pre-study period).

Nature of Deviation: According to Section 10.3 of the study protocol, detailed clinical examinations were to be conducted on all rats, including those not subsequently assigned to study, prior to group assignment.

Cause of Deviation: Clinical observations were not scheduled to occur in the TOX/PATH SYSTEM until Study Day 1 for male and female rats.

Impact on the Study: None. Only animals with “unremarkable” clinical observations on Study Day 1 were selected for group assignment.

Corrective Action: None.

Prepared/Approved By: 

Study Director

Date: 9/17/10

Original: Study File

Copies: M. Hejtmancik
Dawn Fallacara
C. James
8835 Files

DEVIATION REPORT

CN49730G

2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract
in Wistar Han Rats

Type of Deviation: Protocol

Dates of Deviation: February 17, 2009-March 2, 2009

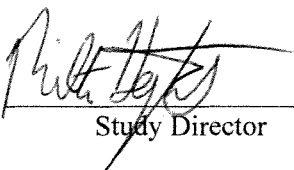
Nature of Deviation: Protocol states male rats will be housed up to 2/cage and females will be housed up to 3/cage. Animals were housed up to 5/cage upon receipt.

Cause of Deviation: In order to coordinate and consolidate the receipt of animals while additional study rooms were being prepared prior to the study start, rats were separated by sex into two study rooms and were housed up to 5/cage to facilitate adaptation and acclimatization to the cage environment.

Impact on the Study: This deviation has no impact on the study. IACUC approval for this initial housing modification was received on February 20, 2009.

Corrective Action: None.

Prepared By: Dawn Fallacara

Approved By: 

Study Director

Date: 2/26/09

Original: Study File
Copies: M. Hejtmanick
Dawn Fallacara
C. James
N. Hale
J. MacMurray
8835 Files

DEVIATION REPORT

CN49730G

2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract
in Wistar Han Rats

Type of Deviation: Protocol

Dates of Deviation: March 2-29, 2009

Nature of Deviation: Within each dose group, male rats were fed the concentration of test article in feed that was intended for females, and vice versa, from the first formulation.

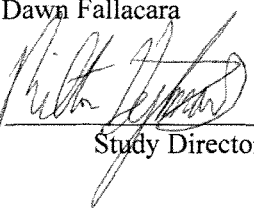
Cause of Deviation: The color code included in Table 1 of COMPSPEC.I-185-00 indicated red buckets were to be used for male dose formulations and blue buckets were to be used for female dose formulations. The SOP should have indicated that blue buckets were to be used for male doses and red buckets were to be used for female doses to maintain consistency with the 28-Day and 90-Day studies.

Impact on the Study: This incident has no impact on the study as the body weights and dose concentrations were similar between sexes and corresponding dose groups. Exposure information is included in the table below. The estimated concentrations (mg nicotine/kg BW/day) were derived from actual food consumption and body weight data using the intended concentrations while the exposure concentration denotes the concentration fed to rats.

Group	Estimated Concentration	Exposure Concentration
B0.2M	0.15	0.18
B2M	1.5	1.8
B5M	3.7	4.3
B0.2F	0.16	0.13
B2F	1.5	1.3
B5F	3.7	3.1
E0.2M	0.18	0.21
E2M	1.8	2.1
E5M	4.2	4.9
E0.2F	0.18	0.16
E2F	1.8	1.5
E5F	4.3	3.6

Corrective Action: The color coding system has been changed for the second formulation to indicate blue buckets for female rats and red buckets for male rats.

Prepared By: Dawn Fallacara

Approved By: 

Study Director

Date: 3/31/09

Original: Study File
Copies: M. Hejtmancik
Dawn Fallacara
C. James
T. Pollack
N. Hale
J. MacMurray
K. Carrico
B. Burback
8835 Files

CN49730G

DEVIATION REPORT

CN49730G

2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract
in Wistar Han Rats

Type of Deviation: Protocol

Dates of Deviation: September 18, 2009

Nature of Deviation: Protocol states that the formulation archive/retention samples are to be stored at room temperature; however, the labels indicated -20°C storage conditions.

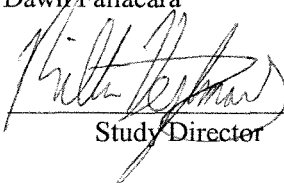
Cause of Deviation: Labeling error in ToxForm.

Impact on the Study: No negative impact on study.

Corrective Action: Labels used for the September 2, 2009 were GLP-corrected prior to sample storage. Blend samples obtained from the previous day's formulation (September 1, 2009) were moved to the correct location.

Prepared By: Dawn Fallacara

Approved By:


Study Director

Date:

11/6/09

Original: Study File
Copies: M. Hejtmancik
Dawn Fallacara
C. James
K. Carrico
B. Burback
8835 Files

DEVIATION REPORT

CN49730G

2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract
in Wistar Han Rats

Type of Deviation: Protocol

Dates of Deviation: October 26-29, 2009 (Batch 11 dose formulation)
December 18-21, 2009 (Batch 12 dose formulation)

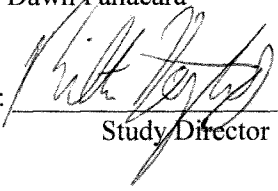
Nature of Deviation: The protocol states that the formulation archive/retention samples are to be stored at room temperature. At the time of dose formulation, the archival/retention sample labels were mislabeled and indicated -20°C storage conditions. Therefore, Batch 11 and Batch 12 archival/retention samples were periodically stored in the freezer prior to being moved to the correct storage conditions.

Cause of Deviation: Labeling error in ToxForm.

Impact on the Study: No negative impact on study.

Corrective Action: Archive sample labels were GLP-corrected. Archival/retention samples were moved to the correct location (room temperature).

Prepared By: Dawn Fallacara

Approved By: 
Study Director

Date: 2/23/10

Original: Study File
Copies: M. Hejtmancik
Dawn Fallacara
C. James
K. Carrico
B. Burbach
8835 Files

DEVIATION REPORT

CN49730G

2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract
in Wistar Han Rats

Type of Deviation: Protocol

Dates of Deviation: February 15-17, 2010 (Batch 13 dose formulation)

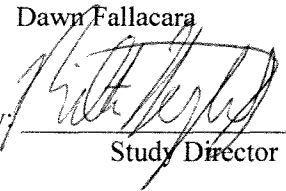
Nature of Deviation: The protocol states that the formulation archive/retention samples are to be stored at room temperature. At the time of dose formulation, the archival/retention sample labels were mislabeled and indicated -20°C storage conditions. Therefore, Batch 13 archival/retention samples were periodically stored in the freezer prior to being moved to the correct storage conditions.

Cause of Deviation: Labeling error in ToxForm.

Impact on the Study: No negative impact on study.

Corrective Action: Archive sample labels were GLP-corrected. Archival/retention samples were moved to the correct location (room temperature) on February 17, 2010.

Prepared By: Dawn Fallacara

Approved By: 

Study Director

Date: 2/23/10

Original: Study File
Copies: M. Hejtmancik
Dawn Fallacara
C. James
K. Carrico
B. Burbach
8835 Files

DEVIATION REPORT

CN49730G

2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract
in Wistar Han Rats

Type of Deviation: Protocol

Dates of Deviation: May 28, 2009

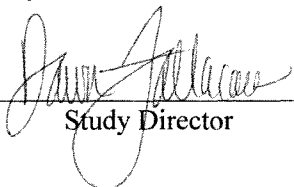
Nature of Deviation: The terminal body weight and clinical observation was not recorded for animal # 662. This animal was terminated as moribund on May 28, 2009.

Cause of Deviation: Technician error.

Impact on the Study: This incident has no negative impact on the study. The clinical disposition of this animal was described in detail via email correspondence, which is currently located in the study file.

Corrective Action: The clinical disposition on this animal was described in detail via email correspondence. This correspondence has been acknowledged by the study director and is currently located in the study file.

Prepared/Approved By:


Study Director

Date:

5/17/10

Original: Study File

Copies: M. Hejtmancik
Dawn Fallacara
C. James
D. Thoma
8835 Files

REPORT OF DEVIATION

Study Title: 2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats

Study Number: CN49730G

Sponsor Study Number: N/A

Deviation Classification: ☐ GLP
☒ Protocol
☐ SOP

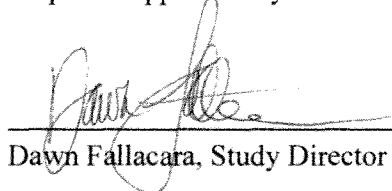
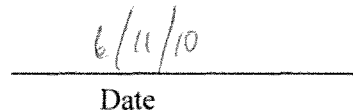
Date(s) of Deviation: July 25, 2009-August 18, 2009

Description of Deviation: The protocol states that the bulk test articles are to be stored at -30 to -15°C. The T-track report for freezer X58801 indicates 115 readings were outside the designated range (-14 to 2°C) from July 25, 2009-August 18, 2009.

Corrective Action: This report has been prepared as documentation.

Impact on Study: None. The freezer maintained below-freezing temperatures (< 0 °C) when out of range. The tobacco extract test article is an aqueous solution; therefore, thawing is highly unlikely within the temperature range -14 to 2°C. There was no evidence of thawing for the tobacco blend test article.

Prepared/Approved By:


Dawn Fallacara, Study Director
Date

DEVIATION REPORT

CN49730G

2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract
in Wistar Han Rats

Type of Deviation: Protocol

Dates of Deviation: June 1, 2010

Nature of Deviation: Empty feeder weights were not recorded for cages # 393-400. When the error was recognized, feeders had already been removed from their respective cages, and there was no way to identify the location of each feeder prior to its removal.

Cause of Deviation: Technician error.

Impact on the Study: This incident has no negative impact on the study. Food consumption measurements for these eight cages will consist of three days of food consumption measurements as opposed to seven.

Corrective Action: The animal room technician correctly marked each empty feeder weight as "Not Taken" in the PATH/TOX SYSTEM. This will allow for food consumption measurements to be calculated using only the first three days of food consumption measurements, as feeder weights are currently weighed "on" and "off" twice a week. The remainder of the feeders in this group will be calculated using seven days of food consumption measurements, and the final group mean will include all cages within the group.

Prepared/Approved By: 

Study Director

Date: 9/16/10

Original: Study File
Copies: M. Hejtmancik
Dawn Fallacara
C. James
D. Thoma
8835 Files

DEVIATION REPORT

CN49730G

2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract
in Wistar Han Rats

Type of Deviation: Protocol

Dates of Deviation: June 2-3, 2010.

Nature of Deviation: Per protocol specifications, plasma collection for plasma nicotine and cotinine analysis will occur from five rats per sex per group. During the Week 66 plasma collection, a total of six female rats were bled and plasma samples collected. ^{in the E2F group}

Cause of Deviation: The reason for the extra collection (sixth blood sample) is uncertain.

Impact on the Study: ⁽²⁾ Positive. Collection of 6 samples as opposed to 5 has no adverse impact on the study. _{DMF 11/22/11}

Corrective Action: None.

Prepared/Approved By: 

Study Director

Date: 9/9/10

Original: Study File
Copies: M. Hejtmancik
Dawn Fallacara
C. James
T. Wheat
8835 Files

⁽¹⁾ Late entry for clarification
DMF 10/11/10

⁽²⁾ Added further clarification regarding the impact assessed by study director. DMF 11/22/11.

DEVIATION REPORT

CN49730G

2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract
in Wistar Han Rats

Type of Deviation: Protocol

Dates of Deviation: The actual dates of the deviation cannot be ascertained since it encompasses examination of tissue by the study pathologist. The deviation was identified on August 3, 2010.

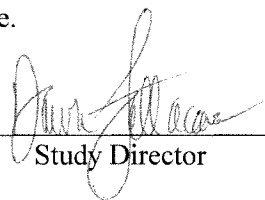
Nature of Deviation: Protocol required collection/examination of mammary gland in females only. This tissue was examined in males.

Cause of Deviation: The skin and mammary gland are located within the same tissue section collected at necropsy. Therefore, the mammary gland was processed to slides along with skin and routinely examined by the study pathologist.

Impact on the Study: ^①Positive. No adverse impact DMF 11/22/11

Corrective Action: None.

Prepared/Approved By: _____


Study Director

Date: _____

8/24/10

Original: Study File
Copies: M. Hejtmancik
Dawn Fallacara
C. James
A. Skowronek
8835 Files

① further clarification necessary. DMF 11/22/11

DEVIATION REPORT

CN49730G

2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract
in Wistar Han Rats

Type of Deviation: Protocol


Dates of Deviation: The actual dates of the deviation cannot be ascertained since it encompasses examination of tissue by the study pathologist. The deviation was identified on September 14, 2010.

Nature of Deviation: According to Section 10.12 of the study protocol, histopathology examination was required for scheduled necropsies of core rats in the Control-A and high dose groups (Groups 5 and 8). Tissues collected from animals 504, 1516, 1802, and 1809 during unscheduled necropsies were also subjected to histopathology examination.

Cause of Deviation: Unscheduled deaths of animals 504, 1516, 1802, and 1809 occurred during the latter portion of the toxicity study (Days 142-353). Histopathology examination of tissues collected from these high-dose animals was conducted in order to document treatment-related microscopic findings.

Impact on the Study: ^①Positive. No adverse impact DMF 11/22/11

Corrective Action: None.

Prepared/Approved By: 
Study Director

Date: 9/17/10

Original: Study File

Copies: M. Hejtmancik
Dawn Fallacara
C. James
A. Skowronek
8835 Files

① further clarification necessary DMF 11/22/11

DEVIATION REPORT

CN49730G

2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract
in Wistar Han Rats

Type of Deviation: Protocol

Dates of Deviation: September 27-28, 2010.

Nature of Deviation: Per protocol specifications, plasma collection for plasma nicotine and cotinine analysis will occur from five rats per sex per group. During the Week 83 plasma collection, a total of six male rats in the B0.2M group were bled and plasma samples collected.

Cause of Deviation: An additional blood sample was collected from animal #1038 because the sample collected from animal # 1033 clotted.

Impact on the Study: *Positive. The collection of an additional sample has no adverse impact on the study. DMF 11/22/11*

Corrective Action: None.

Prepared/Approved By: 

Study Director

Date: 10/2/10

Original: Study File
Copies: M. Hejtmancik
Dawn Fallacara
C. James
T. Wheat
8835 Files

① word needs further clarification. DMF 11/22/11

REPORT OF DEVIATION

Study Title: 2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats

Study Number: CN49730G

Sponsor Study Number: N/A

Deviation Classification: ☐ GLP
☒ Protocol
☐ SOP

Date(s) of Deviation: April 7, 2010

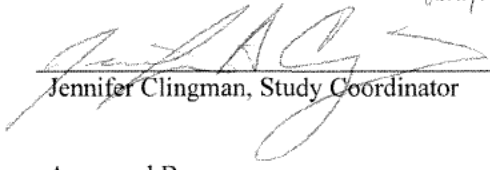
Description of Deviation: Serological samples collected on April 7, 2010 were not analyzed for the following endpoints as required per protocol.

GDVII (murine encephalomyelitis virus), REO, Lymphocytic choriomeningitis virus (LCMV), Mouse adenovirus (MAV) 1 & 2, Hantaviruses (HANT), *Encephalitozoon cuniculi* (ECUN), Cilia associated respiratory bacillus (CARB), Mouse parvovirus (MPV) or PARV NS-1.

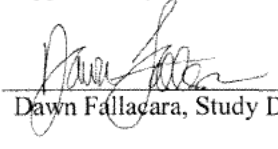
Corrective Action: None. Upon acknowledgement of this error, there were no remaining sera with which to run the additional serological endpoints. Therefore, only the typical screening panel is available for the 14-month serology assessment.

Impact on Study: There is no negative impact on the study. Serology at study termination (February 2, 2011) was negative for all endpoints including GDVII, REO, LCMV, MAV, HANT, ECUN, CARB, MPV, and PARV NS-1.

Prepared By: ① GDVII, MAV 2, and ECUN were not available in results for 2/2/11 analysis. DMF 7/21/11.


Jennifer Clingman, Study Coordinator3/10/11
Date

Approved By:


Dawn Fallacara, Study Director3/10/11
Date

REPORT OF DEVIATION

Study Title: 2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats

Study Number: CN49730G

Sponsor Study Number: N/A

Deviation Classification: ☐ GLP
☒ Protocol
☐ SOP

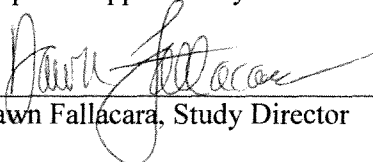
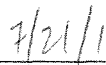
Date(s) of Deviation: 6/1/10, 6/2/10, 6/3/10 (week 66 blood collection)
9/27/10, 9/28/10, 9/29/10 (week 83 blood collection)
2/1/11, 2/2/11, 2/3/11 (week 101 blood collection)

Description of Deviation: The study protocol (Section 10.7) states that a target volume of 500 μ L of blood will be collected from rats at each toxicokinetic (TK) time point. During the TK blood collections during weeks 66, 83, and 101, the minimum target volume was increased to 1 mL in order to provide a more substantial bioanalytical sample for plasma nicotine and cotinine analysis.

Corrective Action: None.

Impact on Study: There is no adverse impact of this deviation on the study. Increasing the target blood collection volume once the animals reached a larger body size allowed for duplicate samples to be more readily obtained, as necessary, for bioanalytical analyses.

Prepared/Approved By:


Dawn Fallacara, Study Director
Date

REPORT OF DEVIATION

Study Title: 2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats

Study Number: CN49730G

Sponsor Study Number: N/A

Deviation Classification: ☐ GLP
☒ Protocol
☐ SOP

Date(s) of Deviation: February 2, 2011

Description of Deviation: Serological samples collected on February 2, 2011 were not analyzed for the following endpoints as required per protocol:

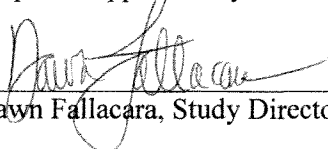
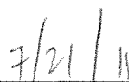
Murine encephalomyelitis virus (GDVII)
Mouse adenovirus (MAV) 2
Encephalitozoon cuniculi (ECUN)
Mouse parvovirus (MPV) or *PARV NSI* DMF 8/2/11

Furthermore, *Clostridium pilliforme* was performed as an extra analysis in addition to the protocol-required endpoints.

Corrective Action: None. Upon acknowledgement of this error, there were no remaining sera with which to run the additional serological endpoints.

Impact on Study: The impact on study is negligible. All other serological endpoints were negative and included a typical screening panel for rats. The inclusion of *Clostridium pilliforme* in the final serology screening has no adverse effect on the study.

Prepared/Approved By:


Dawn Fallacara, Study Director
Date

REPORT OF DEVIATION

Study Title: **2-YEAR CHRONIC TOXICITY/CARCINOGENICITY STUDY OF TOBACCO BLEND AND AQUEOUS TOBACCO EXTRACT IN WISTAR HAN RATS**

Study Number: CN49730-G

Sponsor Study Number: Not applicable

Deviation Classification: ☐ GLP
☒ Protocol
☐ SOP

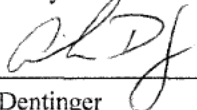
Date(s) of Deviation: 11/10/2010 thru 12/16/2010

Description of Deviation: Animals # 444, #477, #579, and #848 epididymides were inadvertently placed in Bouin's with testes, instead of being placed in 10% Neutral Buffered Formalin.

Corrective Action: None

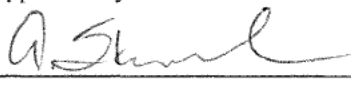
Impact on Study: None. Based on microscopic evaluation the tissue quality was unaffected.

Prepared By:

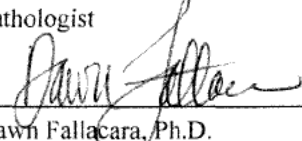

Arick Dentinger

9/14/11
Date

Approved By:


Anthony Skowronek D.V.M., Ph.D., D.A.B.T.
Diplomat, A.C.V.P.
Pathologist

9/14/11
Date


Dawn Fallacara, Ph.D.
Study Director

9/14/11
Date

APPENDIX B: CERTIFICATES OF ANALYSIS

RJReynolds

Bowman Gray Technical Center
950 Reynolds Boulevard
Winston-Salem, NC 27105
(336) 741-1636

CERTIFICATE OF ANALYSIS

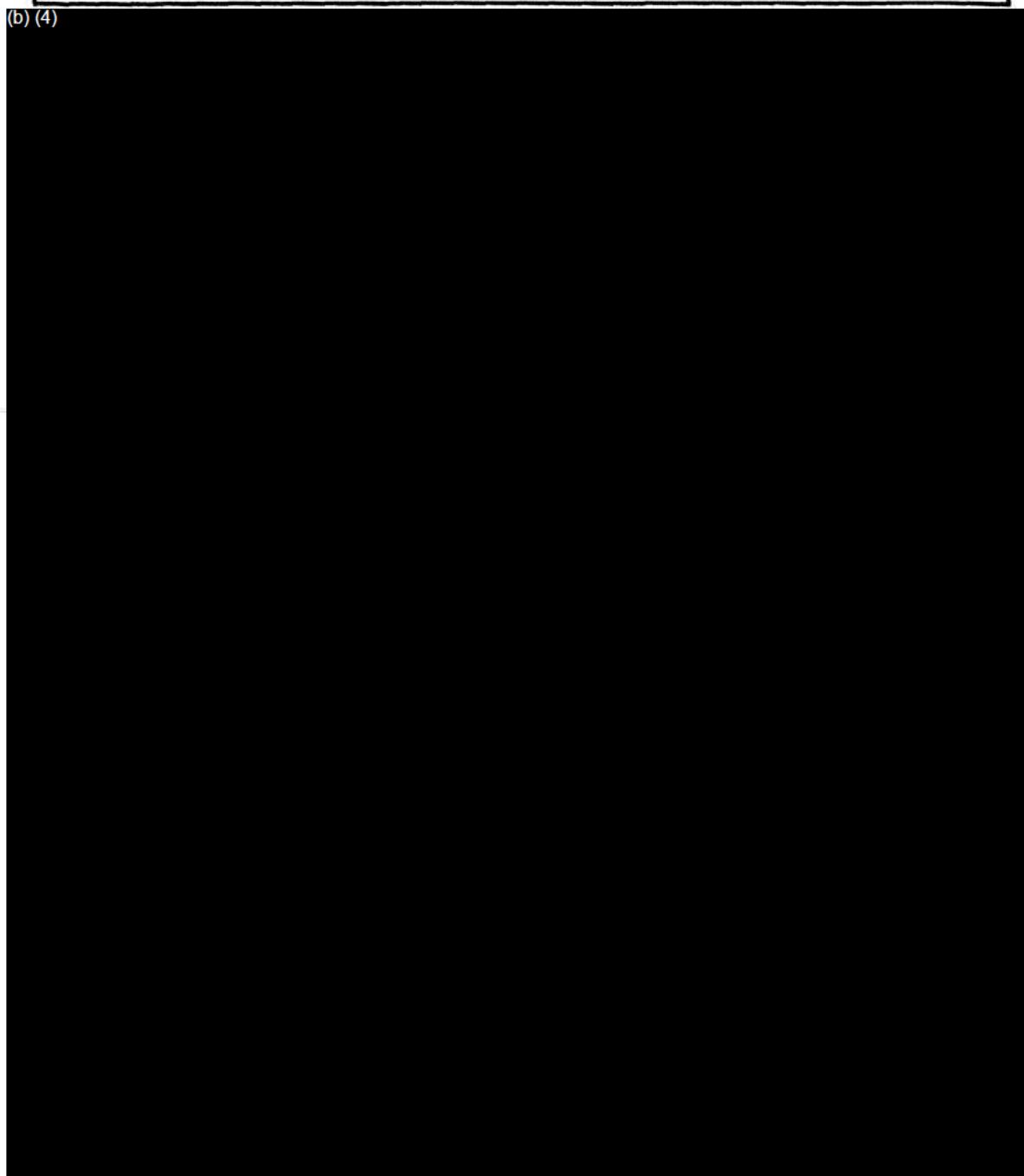
(b) (4)



THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT. THE DATA OUTLINED AND THE STATEMENTS MADE ARE INTENDED AS A SOURCE OF INFORMATION.

CERTIFICATE OF ANALYSIS

(b) (4)



THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT. THE DATA OUTLINED AND THE STATEMENTS MADE ARE INTENDED AS A SOURCE OF INFORMATION.

RJReynolds

Bowman Gray Technical Center
950 Reynolds Boulevard
Winston-Salem, NC 27105
(336) 741-1536

CERTIFICATE OF ANALYSIS

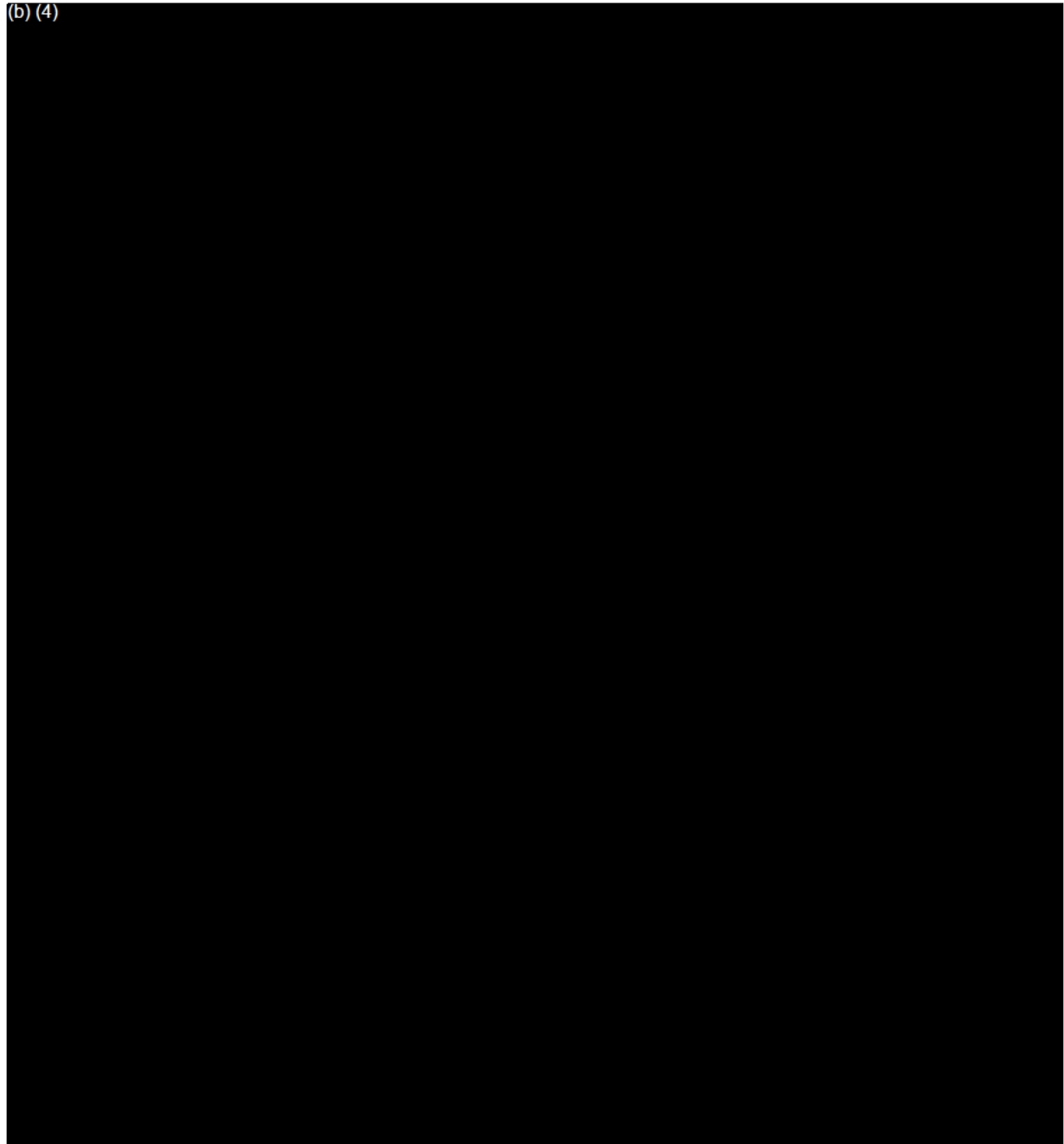
(b) (4)



THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT. THE DATA OUTLINED AND THE STATEMENTS MADE ARE INTENDED AS A SOURCE OF INFORMATION.

CERTIFICATE OF ANALYSIS

(b) (4)



THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, CORRECT. THE DATA OUTLINED AND THE STATEMENTS MADE ARE INTENDED AS A SOURCE OF INFORMATION.

APPENDIX C: TEST ARTICLE HANDLING AND STABILITY

**STUDY DESIGN FORM FOR THE HANDLING AND STABILITY OF THE TEST
ARTICLES**

CN49730A-TASTAB

I. PURPOSE

The purpose of this study will be to:

- Repackage Test Articles as needed.
- Demonstrate that Test Articles are stable under the conditions of storage.

II. STUDY DIRECTOR

Brian Burback Ph.D.

III. TESTING FACILITY

Battelle
505 King Avenue
Columbus Ohio 43201-2693

IV. SPONSOR

R.J. Reynolds Tobacco Company
Research and Development
Bowman Gray Technical Center
Winston-Salem, NC 27102

V. SPONSOR MONITOR

Suzana Theophilus, Ph.D., D.A.B.T.
R.J. Reynolds Tobacco Company
Research and Development
Bowman Gray Technical Center
Winston-Salem, NC 27102

VI. REGULATORY STANDARDS

Good Laboratory Practices (GLP) for Nonclinical Laboratory Studies, U.S. Code of Federal Regulations, 21 CFR Part 58, September 4, 1987. (not for product registration)

VII. TEST ARTICLES

The test articles for this study will be tobacco blend, and aqueous tobacco extract. These test articles and samples from these test articles will be stored at approximately -20°C.

VIII. REPACKAGING

During repackaging the aqueous tobacco extract and tobacco blend will only be thawed once to repackage it for single use containers for all of the studies.

A. INITIAL AND 28-DAY STUDIES

A sufficient amount of each test article will be removed from storage to take stability samples and repackage into containers suitable for single use on the 28-day studies.

B. 90-DAY STUDIES

A sufficient amount of each test article will be removed from storage to repackage into containers suitable for single use on the 90-day studies.

C. 2-YEAR STUDY

A sufficient amount of each test article will be removed from storage to repackage into containers suitable for single use on the two-year study.

IX. STABILITY STUDY

Test article stability will be conducted on both the tobacco blend and the aqueous tobacco extract.

A. INITIAL ANALYSIS

Prior to shipping the tobacco blend and the aqueous tobacco extract to Battelle RJR submitted samples for analysis. The results from this analysis will be provided to Battelle for inclusion in this report

B. SUBSEQUENT PLANNED ANALYSES

Battelle will submit samples of the tobacco blend and aqueous tobacco extract to both RJR and Labstat International ULC (Kitchener, Ontario, Canada) for analysis (the analysis to be conducted will be specified by the sponsor prior to sample submittal) after approximately one year (around May 2009) and after approximately two years (around May 2010). The results from each subsequent analysis will be compared to the initial analysis value to determine if they disagree significantly from the initial analysis value. These results will be reported to the sponsor in a timely manner and included in the report.

C. ADDITIONAL ANALYSIS

Battelle will submit additional samples (in the same manner as described for subsequent planned analyses) as directed by the sponsor.

X. RECORDS TO BE MAINTAINED

All records produced or submitted to Battelle will be maintained under the direction of Battelle in the archives according to SOPs.

XI. STATISTICAL METHODS

Simple statistical endpoints that may be calculated include standard deviation, percent relative standard deviation (%RSD), and percent relative error (%RE).

XII. APPROVAL

Date of email approval from Sponsor:

5-17-08^{BB} 5-19-08

Date:

Prepared By:

Brian Buhl
Study Director

5-19-08

Date:

Approved By:

Steve Ma...
Chemistry Management*

5/19/08

Date:

*This signature also serves as assignment of study director.

**AMENDMENT 1 FOR STUDY DESIGN FORM FOR THE HANDLING AND
STABILITY OF THE TEST ARTICLES CN49730A-TASTAB**

I. PARTS TO BE CHANGED

A. SECTION VI. REGULATORY STANDARDS

This section is amended to read as follows:

Good Laboratory Practices (GLP) for Nonclinical Laboratory Studies, U.S. Code of Federal Regulations, 21 CFR Part 58, September 4, 1987 (not for product registration) will be followed for all work performed at Battelle. The stability analyses to be conducted at RJR and Labstat International ULC will not be conducted in accordance to GLP.

B. SECTION X. RECORDS TO BE MAINTAINED

This section is amended to read as follows:

All records produced or submitted to Battelle will be maintained under the direction of Battelle in the archives according to SOPs. Records not submitted to Battelle by RJR and Labstat International ULC will be archived by the lab conducting the analysis.

II. REASON FOR CHANGE

Clarification of the regulatory standards for the stability analyses and disposition of data not submitted to Battelle. As a clarification this has no adverse impact on the study.

III. EFFECTIVE DATE MAY 21, 2008

IV. APPROVAL

Date of email approval from Sponsor:

May 22, 2008

Prepared By:

Brin Bauld

Study Director

Date:

5-23-08

Date:

Approved By:

Brin Bauld

Chemistry Management

5-23-08

Date:

For:
S. Graves

**Smokeless Tobacco and Extract
Rodent Toxicology Feeding Studies:
Test Article Stability With Time**

12/5/11

Smokeless Tobacco Blend and Extract Toxicology Feeding Studies: Test Article Stability 12/5/11 Confidential

Abbreviations Used in Report

B	Smokeless tobacco blend
BLOD	Below Limit of Detection
BLOQ	Below Limit of Quantitation
E	Aqueous extract of smokeless tobacco blend
NA	Not applicable
NAB	N'-nitrosoanabasine
NAT	N'-nitrosoanatabine
Nd	Not determined
NDBA	N-nitrosodimethylbutylamine
NDEA	N-nitrosodimethylethylamine
NDMA	N-nitrosodimethylamine
NEMA	N-nitrosoethylmethylamine
NDPA	N-nitrosodimethylpropylamine
NNK	4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone
NNN	N'-nitrosonornicotine
NPIP	N-nitrosopiperidine
NPYR	N-nitrosopyrrolidine
NS	Not statistically significant
PAHs	Polycyclic aromatic hydrocarbons
R	Reference
SD	Standard Deviation
Sug	Sugar

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(b) (4)



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Introduction

A series of 2-week, 1-month, 3-month, and 2-year rodent toxicology feeding studies were conducted. This set of studies was initiated in March 2008. The 2-week studies were conducted at RJRT, Winston-Salem, NC, while the 1-month, 3-month and 2-year studies were conducted at Battelle, Columbus, OH.

The test articles studied were a smokeless tobacco blend and an aqueous extract of that blend. Two large batches of Blend and Extract were prepared for the entire test battery in March 2008 (Blend: 3/1/08; Extract: 3/5/08). Test articles were initially irradiated in the storage containers to control microbial growth. The test articles were stored frozen at target temperatures of -15°C to -30°C for the duration of the toxicology feeding studies (except when used for preparation of rodent diets).

Although freezing preserves test article integrity, a series of chemical and microbial endpoints were evaluated to determine the 1 month initial (2008) test article stability (Appendix 1) and then several were further evaluated yearly until the completion of the test battery in March 2011. Tobacco Blend and Extract analyses (2009-2011) were conducted at RJRT/Lancaster Laboratories (Winston-Salem, NC), LabStat International ULC (Kitchener, Ontario, Canada), or Trilogy Analytical Laboratory (Washington, MO). In addition, the 2S3 Reference moist snuff (NC State University Tobacco Analytical Services Laboratory, Raleigh, NC) was tested initially for most endpoints as well as yearly for chemistry endpoints evaluated at LabStat. The results of the yearly analyses evaluating test article stability under the conditions of storage used in the studies are summarized in this report.

(b) (4)



Results

Results of the initial sample characterization in 2008 including the scope of the study are in Appendix 1. P-values for comparison of time point means and linear trend are in Appendix 2. Graphs for all endpoints measured are in Appendix 3. Data are reported on a wet weight basis except for Tobacco Blend measurements at LabStat, which are reported on a dry weight basis.

Table 1 presents means and standard deviations for chemical endpoints measured at RJRT for 2008 through 2011 for the Tobacco Blend and Tobacco Extract, and 2S3 Reference for 2008. If any of the replicate values were reported BLOD or otherwise not reported precisely, "BLOD" "Yes" indicates samples

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that included such values, and “No” samples that did not. Means and standard deviations that include non-specific values should be considered approximate. “Nd” in Table 1 means “not determined”.

Table 1. Chemistry Endpoints (RJRT), Tobacco Blend and Extract, 2008-2011

Analyte		Blend				Extract				253
		2008	2009	2010	2011	2008	2009	2010	2011	2008
Nicotine (w/Sug), %	Mean	nd	2.68	nd	2.70	nd	2.32	nd	2.29	nd
	SD	nd	0.04	nd	0.02	nd	0.02	nd	0.01	nd
Reducing Sugar, %	Mean	nd	2.92	nd	2.82	nd	3.00	nd	2.63	nd
	SD	nd	0.08	nd	0.10	nd	0.06	nd	0.05	nd
Total Sugar, %	Mean	nd	3.07	nd	2.60	nd	2.98	nd	2.48	nd
	SD	nd	0.10	nd	0.09	nd	0.08	nd	0.08	nd
Moisture, %	Mean	10.10	8.82	9.19	9.60	nd	nd	nd	nd	53.71
	SD	0.08	0.08	0.09	0.13	nd	nd	nd	nd	0.29
Total Solids, %	Mean	nd	nd	nd	nd	37.76	38.16	37.99	36.14	nd
	SD	nd	nd	nd	nd	0.10	0.18	0.44	0.54	nd
Anabasine, %	Mean	0.0100	0.0111	0.0132	0.0107	0.0090	0.0089	0.0110	0.0087	0.0026
	SD	0.0004	0.0003	0.0004	0.0002	0.0002	0.0002	0.0000	0.0002	0.0004
Anatabine, %	Mean	0.0655	0.0582	0.0608	0.0680	0.0560	0.0440	0.0488	0.0539	0.0240
	SD	0.0025	0.0006	0.0025	0.0010	0.0009	0.0004	0.0021	0.0004	0.0004
Myosmine, %	Mean	0.0015	0.0030	0.0033	0.0032	0.0010	0.0023	0.0032	0.0011	0.0010
	SD	0.0000	0.0001	0.0005	0.0004	0.0000	0.0002	0.0004	0.0003	0.0000
Nicotine, %	Mean	2.628	2.560	2.665	2.638	2.299	2.157	2.312	2.268	1.514
	SD	0.063	0.027	0.016	0.027	0.028	0.013	0.055	0.016	0.022
Nicotine, mg	Mean	26.28	25.60	26.65	26.38	22.99	21.57	23.12	22.69	15.15
	SD	0.63	0.27	0.16	0.28	0.28	0.13	0.55	0.16	0.22
Nornicotine, %	Mean	0.0682	0.0677	0.0913	0.0712	0.0571	0.0595	0.0837	0.0681	0.0104
	SD	0.0013	0.0009	0.0030	0.0011	0.0008	0.0006	0.0031	0.0014	0.0001
	BLOD	No	No	No	No	No	No	No	No	Yes
Total Alkaloids, %	Mean	2.77	2.70	2.83	2.79	2.42	2.27	2.46	2.40	1.55
	SD	0.07	0.03	0.02	0.03	0.03	0.01	0.06	0.02	0.02
	BLOD	No	No	No	No	No	No	No	No	Yes
Total Alkaloids, % (excl. Nicotine)	Mean	0.145	0.140	0.169	0.153	0.123	0.115	0.147	0.132	0.038
	SD	0.004	0.001	0.004	0.002	0.001	0.001	0.004	0.001	0.000
	BLOD	No	No	No	No	No	No	No	No	Yes
Arsenic, ug	Mean	0.308	0.120	0.306	0.132	0.111	0.141	0.154	0.033	0.252
	SD	0.047	0.030	0.048	0.029	0.008	0.011	0.039	0.034	0.036
	BLOD	No	No	No	No	No	No	No	Yes	No
Cadmium, ug	Mean	0.738	0.253	0.692	0.712	0.298	0.788	0.250	0.282	0.772
	SD	0.020	0.005	0.008	0.010	0.004	0.021	0.000	0.004	0.010
Chromium, ug	Mean	0.713	0.298	1.193	0.833	0.228	1.120	0.355	0.325	0.435
	SD	0.044	0.026	0.093	0.180	0.004	0.130	0.008	0.015	0.029
Nickel, ug	Mean	1.893	1.073	1.732	1.583	0.065	2.020	0.950	0.893	1.382
	SD	0.363	0.023	0.055	0.126	0.005	0.025	0.013	0.018	0.035
Lead, ug	Mean	0.283	0.075	0.323	0.375	0.985	0.297	0.070	0.080	0.220
	SD	0.021	0.005	0.008	0.014	0.036	0.005	0.000	0.000	0.006

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Analyte		Blend				Extract				253
		2008	2009	2010	2011	2008	2009	2010	2011	2008
Fructose, %	Mean	1.005	1.038	1.040	0.990	0.962	0.987	12.463	1.028	0.160
	SD	0.022	0.015	0.010	0.014	0.004	0.005	0.086	0.010	0.006
Glucose, %	Mean	0.285	0.595	0.000	0.595	0.365	0.597	5.337	0.562	0.100
	SD	0.014	0.005	0.000	0.005	0.012	0.005	0.076	0.008	0.000
Sucrose, %	BLOD	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes
	Mean	0.193	0.595	0.000	0.595	0.082	0.597	0.000	0.562	0.100
	SD	0.005	0.005	0.000	0.005	0.004	0.005	0.000	0.008	0.000
	BLOD	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NAB, ng	Mean	435	114	77	86	485	71	51	56	435
	SD	3	5	4	5	8	13	2	2	6
	BLOD	No	No	No	No	Yes	No	No	No	Yes
	Mean	681	1076	992	1005	678	871	653	673	1086
NAT, ng	SD	34	19	14	40	33	144	12	22	60
	Mean	404	512	493	523	360	539	348	352	428
NNK, ng	SD	16	32	56	152	42	96	10	10	67
	Mean	1019	1451	1287	1353	1004	1480	959	1030	1574
NNN, ng	SD	33	47	63	21	64	251	20	21	46
	Mean	0.303	0.293	0.280	0.290	0.262	0.255	na	0.258	0.265
Ammonia, %	SD	0.005	0.005	0.000	0.000	0.004	0.005	na	0.004	0.005
	Mean	2.71	2.56	2.59	2.64	2.55	2.52	na	2.56	5.53
Chloride, %	SD	0.048	0.015	0.029	0.014	0.000	0.004	na	0.005	0.021
	Mean	5.45	5.31	5.29	5.35	5.19	5.01	na	5.06	7.32
pH	SD	0.008	0.000	0.004	0.006	0.008	0.016	na	0.008	0.031
	Mean	0	0	0	0	0	0	0	0	0
Hydroquinone, ug	SD	0	0	0	0	0	0	0	0	0
	BLOD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Catechol, ug	Mean	14.4	14.8	16.1	0.0	21.1	20.8	22.2	0.0	12.3
	SD	0.33	0.18	0.13	0.00	0.22	0.06	0.30	0.00	0.14
	BLOD	No	No	No	Yes	No	No	No	Yes	No
	Mean	0	0	0	0	0	0	0	0	5.35
Phenol, ug	SD	0	0	0	0	0	0	0	0	0.07
	BLOD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
p,m-Cresol, ug	Mean	0	0	0	0	0	0	0	0	7.98
	SD	0	0	0	0	0	0	0	0	0.11
	BLOD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No

*Except for %, pH, and metals (ug/g for Blend and Extract), results are per g for Blend and per ml for Extract

Figures 1 and 2 are examples of data for nicotine and arsenic. Nicotine appears stable over time. Arsenic in the Extract appears stable. The Blend seems more subject to laboratory variation, yet, within a narrow interval, not likely biologically significant. Due to this type of variation, a test for linear trend is more appropriate than a means comparison (post-2008 vs. 2008) to identify changes with time.

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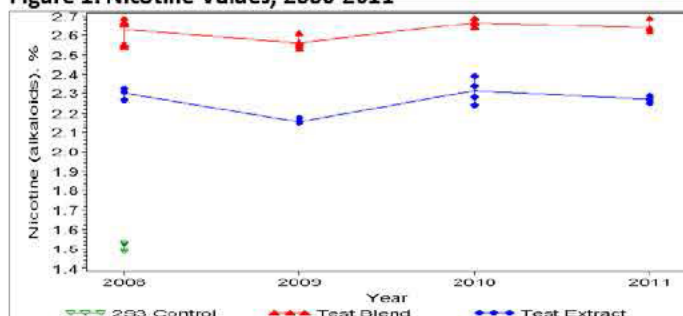
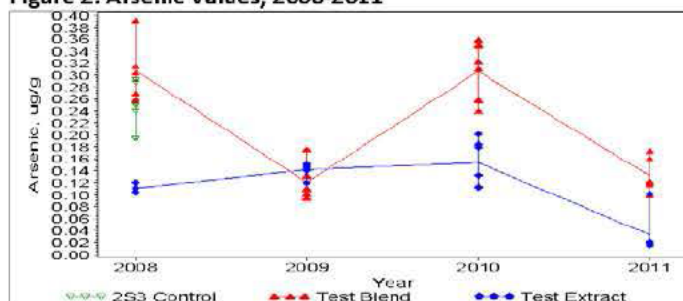
Figure 1. Nicotine Values, 2008-2011**Figure 2. Arsenic Values, 2008-2011**

Figure 3 presents replicate values over time for fructose. It shows a clear outlier for the Tobacco Extract in 2010, which is likely due to a method-related error.

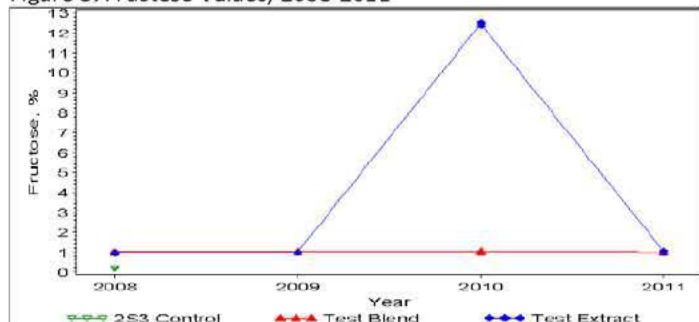
Figure 3. Fructose Values, 2008-2011

Figure 4 presents replicate values over time for NAB. It shows a drop from 2008 to 2009, after which values appear to be relatively constant. P-values for a linear trend are not significant for either test sample ($p > 0.15$ for both).

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Figure 4. NAB Values, 2008-2011

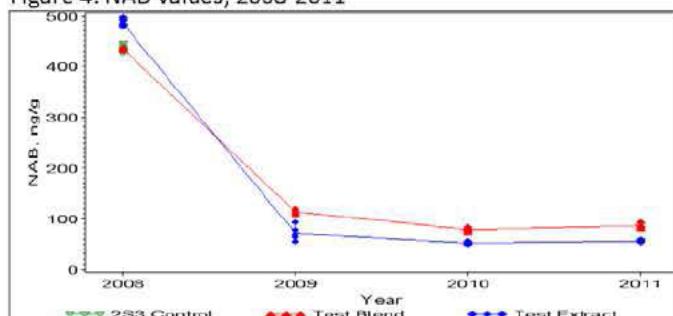


Table 2a presents means and standard deviations for endpoints measured at LabStat for the Tobacco Blend and Tobacco Extract, while Table 2b presents results for the 2S3 Reference moist snuff.

Table 2a. Chemistry Endpoints (LabStat), Tobacco Blend and Extract, 2008-2011

Analyte		Blend				Extract			
		2008	2009	2010	2011	2008	2009	2010	2011
Dry Matter, %	Mean	89.59	89.48	89.53	89.48	nd	nd	nd	nd
	SD	0.07	0.05	0.02	0.07	nd	nd	nd	nd
Moisture, %	Mean	10.41	10.52	10.47	10.52	nd	nd	nd	nd
	SD	0.07	0.05	0.02	0.07	nd	nd	nd	nd
Formaldehyde, ug	Mean	0.309	1.150	1.222	0.745	0.023	0.021	0.039	0.026
	SD	0.071	0.154	0.330	0.145	0.002	0.004	0.011	0.001
Acrolein, ug	Mean	0.008	0.008	0.008	0.014	0.001	0.001	0.001	0.002
	SD	0.000	0.000	0.000	0.005	0.000	0.000	0.000	0.001
NDMA, ng	BLOD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Mean	2.84	7.48	2.84	2.08	0.07	0.07	0.15	0.68
	SD	0.00	1.33	0.00	0.83	0.00	0.00	0.00	0.13
	BLOD	Yes	No	Yes	Yes	Yes	Yes	Yes	No
NPYR, ng	Mean	4.01	9.57	7.26	3.29	0.22	0.22	1.55	1.20
	SD	0.00	0.89	0.27	1.12	0.00	0.00	0.12	0.26
	BLOD	Yes	No	No	Yes	Yes	Yes	No	No
NEMA, ng	Mean	1.51	1.80	1.51	1.51	0.08	0.21	0.08	0.11
	SD	0.00	0.72	0.00	0.00	0.00	0.33	0.00	0.05
	BLOD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NDEA, ng	Mean	1.86	1.57	1.56	1.57	0.08	0.12	0.08	0.08
	SD	0.75	0.00	0.00	0.00	0.00	0.08	0.00	0.00
	BLOD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NDPA, ng	Mean	1.69	2.35	1.69	1.69	0.09	0.09	0.09	0.09
	SD	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00
	BLOD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NDBA, ng	Mean	2.36	5.17	2.36	2.36	0.13	0.13	0.13	0.18
	SD	0.00	4.39	0.00	0.00	0.00	0.00	0.00	0.08
	BLOD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
NPIP, ng	Mean	2.56	2.56	2.56	3.06	0.14	0.34	0.14	0.19
	SD	0.00	0.00	0.00	1.22	0.00	0.51	0.00	0.08
	BLOD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Nitrite, ug	Mean	2.81	4.16	3.20	3.78	0.13	0.25	0.25	0.25

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Analyte		Blend				Extract			
		2008	2009	2010	2011	2008	2009	2010	2011
	SD	0.09	0.57	0.74	0.93	0.05	0.11	0.11	0.11
	BLOD	No	No	No	No	Yes	Yes	Yes	Yes
Naphthalene, ng	Mean	28.46	33.88	46.33	27.63	4.29	4.75	5.60	8.10
	SD	4.63	2.94	4.71	3.51	1.24	1.27	0.65	1.53
Acenaphthylene, ng	Mean	2.003	2.454	2.656	2.451	0.074	0.105	0.089	0.249
	SD	0.247	0.195	0.332	0.466	0.008	0.021	0.017	0.027
Acenaphthene, ng	Mean	5.96	6.06	4.33	4.67	0.723	0.482	0.164	0.550
	SD	0.63	0.89	0.43	0.89	0.207	0.046	0.007	0.170
Fluorene, ng	Mean	8.97	12.04	12.61	11.84	0.409	0.909	0.561	1.152
	SD	0.93	1.46	1.06	1.75	0.076	0.108	0.029	0.129
Phenanthrene, ng	Mean	65.1	83.9	81.5	75.0	2.76	3.81	2.69	3.35
	SD	8.1	13.2	4.6	4.0	0.59	0.68	0.39	0.52
Fluoranthene, ng	Mean	44.9	47.2	49.1	44.8	2.95	2.94	3.01	2.57
	SD	5.0	5.2	1.9	1.5	0.33	0.26	0.50	0.17
Pyrene, ng	Mean	32.2	35.1	36.2	33.6	2.34	2.29	2.45	1.68
	SD	4.9	5.7	2.3	2.2	0.41	0.19	0.43	0.12
Benzo(a)anthracene, ng	Mean	4.04	5.29	6.29	4.35	0.290	0.352	0.422	0.303
	SD	0.69	1.23	0.75	0.41	0.053	0.048	0.077	0.011
Chrysene, ng	Mean	10.71	11.03	14.01	10.60	0.947	0.976	1.224	0.772
	SD	1.38	1.70	0.97	0.38	0.119	0.079	0.233	0.024
Benzo(b)-fluoranthene, ng	Mean	2.98	2.73	4.21	3.33	0.276	0.281	0.314	0.261
	SD	0.27	0.20	0.53	0.25	0.030	0.019	0.066	0.017
Benzo(k)-fluoranthene, ng	Mean	1.54	1.15	1.87	1.81	0.137	0.232	0.112	0.228
	SD	0.13	0.17	0.28	0.42	0.029	0.068	0.020	0.024
Benzo(j)fluoranthene, ng	Mean	1.79	1.89	3.34	2.84	0.176	0.214	0.371	0.287
	SD	0.15	0.25	0.33	0.31	0.029	0.030	0.046	0.044
Benzo(e)pyrene, ng	Mean	2.10	2.14	3.43	2.26	0.211	0.204	0.292	0.181
	SD	0.20	0.30	0.32	0.24	0.023	0.031	0.031	0.023
Benzo(a)pyrene, ng	Mean	1.60	1.95	3.35	2.08	0.140	0.178	0.222	0.148
	SD	0.23	0.16	0.63	0.38	0.020	0.047	0.031	0.011
Perylene, ng	Mean	0.172	0.314	0.769	0.246	0.0311	0.0195	0.0255	0.0140
	SD	0.000	0.080	0.161	0.057	0.0047	0.0085	0.0145	0.0000
	BLOD	Yes	Yes	No	No	No	Yes	Yes	Yes
Indeno(1,2,3,-cd)-pyrene, ng	Mean	1.36	1.37	1.43	1.07	0.120	0.169	0.093	0.098
	SD	0.22	0.23	0.25	0.31	0.017	0.075	0.019	0.016
Dibenz(a,h)-Anthracene, ng	Mean	0.310	0.300	0.214	0.036	0.0330	0.0379	0.0150	0.0150
	SD	0.104	0.111	0.064	0.047	0.0131	0.0108	0.0000	0.0000
	BLOD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Benzo(g,h,i)perylene, ng	Mean	1.61	1.26	1.53	1.17	0.170	0.187	0.128	0.102
	SD	0.26	0.24	0.25	0.34	0.024	0.043	0.028	0.017

* Except for %, results are per g for Blend and per ml for Extract

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Table 2b. Chemistry Endpoints (LabStat), 2S3, 2008-2011

Analyte		2S3 Reference Moist Snuff			
		2008	2009	2010	2011
Dry Matter, %	Mean	45.46	45.64	47.63	47.02
	SD	0.06	0.02	0.03	0.07
Moisture, %	Mean	54.54	54.36	52.37	52.98
	SD	0.06	0.02	0.03	0.07
Formaldehyde, ug/g	Mean	0.860	1.540	1.410	0.852
	SD	0.144	0.314	0.328	0.191
Acrolein, ug/g	Mean	0.016	0.016	0.015	0.015
	SD	0.000	0.000	0.000	0.000
	BLOD	Yes	Yes	Yes	Yes
NDMA, ng/g	Mean	7.55	8.16	5.34	3.96
	SD	2.17	2.12	0.00	1.58
	BLOD	Yes	Yes	Yes	Yes
NPYR, ng/g	Mean	7.21	7.87	7.54	5.60
	SD	1.75	0.00	0.00	2.26
	BLOD	Yes	Yes	Yes	Yes
NEMA, ng/g	Mean	2.98	4.69	2.84	2.88
	SD	0.00	1.90	0.00	0.00
	BLOD	Yes	Yes	Yes	Yes
NDEA, ng/g	Mean	3.08	4.26	2.94	2.98
	SD	0.00	1.84	0.00	0.00
	BLOD	Yes	Yes	Yes	Yes
NDPA, ng/g	Mean	3.33	3.97	3.18	3.22
	SD	0.00	1.59	0.00	0.00
	BLOD	Yes	Yes	Yes	Yes
NDBA, ng/g	Mean	4.65	4.63	4.43	4.49
	SD	0.00	0.00	0.00	0.00
	BLOD	Yes	Yes	Yes	Yes
NPIP, ng/g	Mean	5.04	5.02	4.81	4.87
	SD	0.00	0.00	0.00	0.00
	BLOD	Yes	Yes	Yes	Yes
Nitrite, ug/g	Mean	9.18	8.15	5.26	7.76
	SD	0.38	0.83	0.97	0.84
	BLOD	No	No	No	No
Naphthalene, ng/g	Mean	80	78	88	60
	SD	20	7	7	10
Acenaphthylene, ng/g	Mean	58	74	65	70
	SD	8	10	7	3
Acenaphthene, ng/g	Mean	78	88	77	80
	SD	12	11	11	3
Fluorene, ng/g	Mean	495	544	537	626
	SD	54	48	76	20
Phenanthrene, ng/g	Mean	4747	4993	5153	5711
	SD	268	208	334	99
Fluoranthene, ng/g	Mean	1807	1778	1692	1792
	SD	56	71	65	18
Pyrene, ng/g	Mean	1750	1740	1791	1860
	SD	54	67	58	22
Benzo(a)anthracene, ng/g	Mean	344	358	382	405

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Analyte		2S3 Reference Moist Snuff			
		2008	2009	2010	2011
Chrysene, ng/g	SD	18	20	9	7
	Mean	497	466	500	516
Benzo(b)fluoranthene, ng/g	SD	22	22	4	8
	Mean	77.9	71.2	73.5	80.4
Benzo(k)fluoranthene, ng/g	SD	4.6	3.1	2.0	1.5
	Mean	27.5	27.0	29.2	33.0
Benzo(j)fluoranthene, ng/g	SD	2.3	2.4	0.8	0.7
	Mean	38.0	39.7	44.7	60.2
Benzo(e)pyrene, ng/g	SD	2.0	2.0	1.4	1.1
	Mean	69.1	67.3	64.4	67.3
Benzo(a)pyrene, ng/g	SD	3.8	2.1	2.1	1.7
	Mean	62.7	61.4	71.2	69.4
Perylene, ng/g	SD	4.2	1.6	1.9	1.2
	Mean	8.57	8.01	10.44	8.78
Indeno(1,2,3-cd)pyrene, ng/g	SD	1.61	1.02	0.62	0.49
	BLOD	No	No	No	No
Dibenz(a,h)anthracene, ng/g	Mean	25.3	29.2	19.0	25.5
	SD	2.1	4.6	0.9	2.9
Benzo(g,h,i)perylene, ng/g	Mean	7.13	6.16	4.43	7.91
	SD	1.32	1.08	0.47	0.97
	BLOD	No	No	No	No
	Mean	27.2	33.4	17.5	24.2
	SD	2.0	4.6	0.7	2.5

Figure 5 presents replicate values for naphthalene. It indicates that values for the test samples are stable over time and below those of the 2S3 Reference moist snuff. This difference is much greater for most of the other PAHs. In fact, means for the 2S3 Reference moist snuff over the entire test period for all end points presented in Table 2 are significantly higher than for the Tobacco Blend (except for acrolein and volatile nitrosamines with many non-specific values which could not be tested); the exception is dry matter (greater moisture for the 2S3 Reference, as expected of moist snuff).

Figure 5. Naphthalene Values, 2008-2011

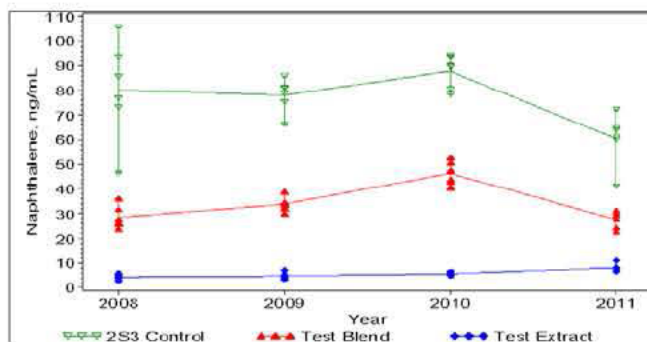


Table 3 presents results of microbial analyses conducted at RJRT. These data include bacterial counts and other measures after one-three months in 2008 and 2009 then 2010 and 2011. These are indicated with row labels that include M0, M1, and M3. Blanks indicate that no samples were evaluated. Table 3 shows

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that non-zero values were observed for total bacteria and water activity, but otherwise non-zero counts were rarely observed.

Table 3. Microbial Endpoints (RJRT), Tobacco Blend and Extract, 2008-2011

Microorganism		Blend				Extract			
		2008	2009	2010	2011	2008	2009	2010	2011
Bacteria (total), cfu/g	M0 Mean	272	1,131	290	530	23,244	9,711	8,700	8,600
	M0 SD	135				1,572			
	M1 Mean	318	184			22,657	9,878		
	M1 SD	81				5,796			
	M3 Mean	348	711			8,778	19,178		
	M3 SD	216				1,170			
Enteric bacteria, (coliforms), cfu/g	M0 Mean	0	0	1	0	0	0	0	0
	M0 SD	0				0			
	M1 Mean	0	0			0	0		
	M1 SD	0				0			
	M3 Mean	0	0			0	0		
	M3 SD	0				0			
Yeast (total), cells/g	M0 Mean	0	0	1	0	0	0	0	0
	M0 SD	0				0			
	M1 Mean	0	0			0	0		
	M1 SD	0				0			
	M3 Mean	0	0			0	0		
	M3 SD	0				0			
Mold (total), cells/g	M0 Mean	0	0	0	0	0	0	0	0
	M0 SD	0				0			
	M1 Mean	0	0			0	0		
	M1 SD	0				0			
	M3 Mean	0	0			0	0		
	M3 SD	0				0			
Water Activity, aw	M0 Mean	0.494	0.516	0.545	0.528	0.941	0.916	0.926	0.931
	M0 SD	0.010				0.010			
	M1 Mean	0.537	0.543			0.921	0.916		
	M1 SD	0.006				0.002			
	M3 Mean	0.533	0.529			0.922	0.915		
	M3 SD	0.001				0.004			
Escherichia coli type I, cfu/g	M0 Mean	0	0	0	0	0	0	0	0
	M0 SD	0				0			
	M1 Mean	0	0			0	0		
	M1 SD	0				0			
	M3 Mean	0	0			0	0		
	M3 SD	0				0			
Streptococcus faecalis, cfu/g	M0 Mean	0	0	0	0	0	0	0	0
	M0 SD	0				0			
	M1 Mean	0	0			0	0		
	M1 SD	0				0			
	M3 Mean	0	0			0	0		
	M3 SD	0				0			
Thermophillic actinomycetes, cfu/g	M0 Mean	0	0	0	0	0	0	0	0
	M0 SD	0				0			
	M1 Mean	0	0			0	1		
	M1 SD	0				0			

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Microorganism		Blend				Extract			
		2008	2009	2010	2011	2008	2009	2010	2011
	M1 SD	0				0			
	M3 Mean	0	0			0	0		
	M3 SD	0				0			
Aspergillus	M0 Mean	0	0	0	0	0	0	0	0
fumigatus, cells/g	M0 SD	0				0			
	M1 Mean	0	0			0	0		
	M1 SD	0				0			
	M3 Mean	0	0			0	0		
	M3 SD	0				0			
Staphylococcus	M0 Mean	0	0	0	0	0	0	0	0
sp. including	M0 SD	0				0			
aureus, cfu/g	M1 Mean	0	0			0	0		
	M1 SD	0				0			
	M3 Mean	0	0			0	0		
	M3 SD	0				0			
Klebsiella spp.,	M0 Mean	0	0	0	0	0	0	0	0
cfu/g	M0 SD	0				0			
	M1 Mean	0	0			0	0		
	M1 SD	0				0			
	M3 Mean	0	0			0	0		
	M3 SD	0				0			
Salmonella, cfu/g	M0 Mean	0	0	0	0	0	0	0	0
	M0 SD	0				0			
	M1 Mean	0	0			0	0		
	M1 SD	0				0			
	M3 Mean	0	0			0	0		
	M3 SD	0				0			

Figures 6 and 7 present replicate values for total bacteria counts and water activity. Bacteria counts in the Tobacco Extract appear to have dropped in the first three months of 2008, although with the high value observed in 2009 this appears to be normal variation. The test for linear trend was not statistically significant ($p=0.12$). Water activity in Figure 8 shows no linear trend.

Figure 6. Total Bacteria Values, 2008-2011

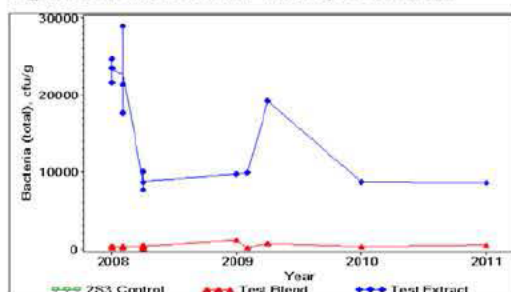
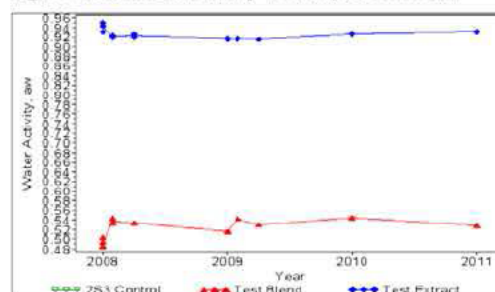


Figure 7. Water Activity Values, 2008-2011



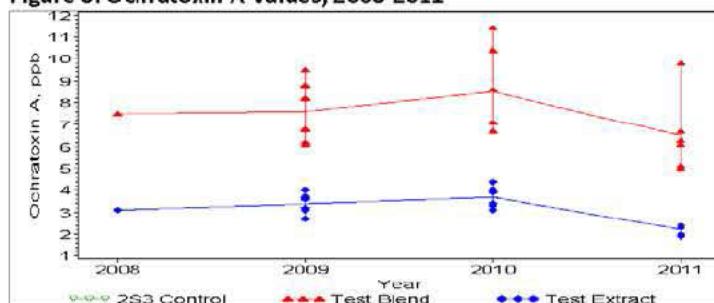
Tab

le 4 presents mycotoxin endpoints measured by Trilogy from 2008 to 2011. Only ochratoxin A was detected. Figure 8 presents these values. They appear stable over time.

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Table 4. Mycotoxin Endpoints (Trilogy Analytical Laboratory), Tobacco Blend and Extract, 2008-2011

Mycotoxin		Blend				Extract			
		2008	2009	2010	2011	2008	2009	2010	2011
Aflatoxin B1, ppb	Mean	0	0	0	0	0	0	0	0
	SD		0	0	0		0	0	0
Aflatoxin B2, ppb	Mean	0	0	0	0	0	0	0	0
	SD		0	0	0		0	0	0
Aflatoxin G1, ppb	Mean	0	0	0	0	0	0	0	0
	SD		0	0	0		0	0	0
Aflatoxin G2, ppb	Mean	0	0	0	0	0	0	0	0
	SD		0	0	0		0	0	0
Deoxynivalenol, ppm	Mean	0	0	0	0	0	0	0	0
	SD		0	0	0		0	0	0
Diacetoxyscirpenol, ppm	Mean	0	0	0	0	0	0	0	0
	SD		0	0	0		0	0	0
T-2 Toxin, ppm	Mean	0	0	0	0	0	0	0	0
	SD		0	0	0		0	0	0
Zearalenone, ppb	Mean	0	0	0	0	0	0	0	0
	SD		0	0	0		0	0	0
Ochratoxin A, ppb	Mean	7.5	7.6	8.48	6.5	3.1	3.38	3.68	2.22
	SD		1.43	2.02	1.75		0.47	0.50	0.21
Sterigmatocystin, ppm	Mean	0	0	0	0	0	0	0	0
	SD		0	0	0		0	0	0

Figure 8. Ochratoxin A Values, 2008-2011

Discussion

This report presents a review of the data from chemical and microbial analyses of periodic samples of a Tobacco Blend and Extract prepared for use in rodent feeding studies. From the start of the study in April 2008 until April of 2011, these materials have been frozen (stored at target temperatures of -15 to -30°C). It would be expected that these materials would be relatively unchanged under these conditions.

Many endpoints showed statistically significant changes compared to means observed in 2008 using analysis of variance. However, levels were frequently quite low, and the measure of variation used in the analysis is based on variation among replicate measures which can understate variation and increase test sensitivity. Based on these factors and changes in the means that appear inconsistent with degradation of

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the sample material, a test of linear trend as a measure of sample degradation was used to determine changes with time.

None of the endpoints tested showed significant changes for Tobacco Blend or Extract with this metric. That is, when the trend analysis was conducted for Tobacco Blend and Tobacco Extract over the analyses years (2008-2011), all p values were greater than 0.05 for all endpoints measured, indicating test article stability with time under the conditions of storage.

Interestingly, a significant linear trend was observed for the 2S3 Reference moist snuff for phenanthrene and benzo(a)anthracene. However, levels of PAHs were much lower in the Tobacco Blend and Extract than in the 2S3 Reference.

The results for NAB shown in Figure 4 suggest that some change may have occurred after 2008, but 1) the test for linear trend was not significant, 2) these are small levels, and 3) there was a major change in the RJRT chemistry laboratories operation (Lancaster Laboratories assumed operations of some of the analytical work) during this time, which could have affected these results as new staff started to execute the respective methods.

Conclusion

Overall, these results indicate that the Tobacco Blend and Extract test articles have been generally stable under the conditions of storage (frozen) over the course of the toxicology test battery, from 2008 to 2011.

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Appendix 1

RJRT Summary of Initial Test Article Characterization and Stability Data

Smokeless Tobacco and Extract Feeding Studies

8/27/08

Summary

The chemical and microbiological test article characterization and stability studies were designed to analyze various chemicals of interest and microbiological endpoints to determine the evolution of the test articles over time. Besides the core study plan, there were two additional studies. The first was to obtain 1-month stability data on a subset of key compounds (e.g., nicotine). The second was to obtain additional data on the Blend. Because the Blend had to be ground finer to obtain homogenous diet mixtures for the animal studies, an additional analysis (measuring the same compounds of toxicological interest as for the original test articles) was conducted to demonstrate that the ground and non-ground blends were chemically equivalent.

The initial characterization of the test articles in terms of chemicals of interest indicated that, with some exceptions, the trend was Extract < Blend (for most analytes). The pesticide analyses indicated that, except for 2 pesticides, all tested pesticides were below the limit of quantification. Microbial analyses indicated that microbes were appropriately controlled with the irradiation method and the storage conditions used. Ochratoxin was the only mycotoxin detected.

The 1-month stability study indicated that the test articles were stable under the storage conditions relevant to the toxicology studies. The Blend chemistry data collected indicated that the Blends (ground and non-ground) were substantially equivalent from a chemical standpoint based on the analytes measured.

Taking all data into account, results to date 1) indicate that the test articles were appropriately controlled (stable under the conditions of storage) and 2) support the test articles use in the smokeless Tobacco Blend and Extract rodent feeding toxicology studies.

Test article characterization

Test design

Analyses were planned for 2008, 2009, 2010, and 2011 to span the full length of the toxicology studies and to determine the evolution of the measured endpoints for the test articles with time.

The test article characterization study had 2 main components:

- 1) Chemical analyses conducted at
 - a. RJRT
 - b. Labstat
 - c. Microbac
- 1) Microbial analyses conducted at
 - a. RJRT
 - b. Trilogy

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The chemical and microbiological test article characterization and stability studies were designed to analyze various chemicals of interest and microbiological endpoints to determine the evolution of the test articles over time. The chemistry endpoints that were planned to be measured are presented in Table 1.

Table 1. Chemistry endpoints by evaluation site

<i>Analyte</i>	<i>Site</i>
pH	RJRT
% Dry matter	RJRT
% Moisture/water	RJRT
Nicotine	RJRT
Nornicotine	RJRT
Anabasine	RJRT
Myosamine	RJRT
Anatabine	RJRT
N'-Nitrosonornicotine (NNN)	RJRT
4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK)	RJRT
N'-nitrosoanatabine (NAT)	RJRT
N'-nitrosoanabasine (NAB)	RJRT
Chloride	RJRT
Sugars (sucrose, fructose, glucose)	RJRT
Ammonia	RJRT
Hydroquinone	RJRT
Catechol	RJRT
Phenol	RJRT
m+p-Cresol	RJRT
Arsenic	RJRT
Cadmium	RJRT
Chromium	RJRT
Nickel	RJRT
Lead	RJRT
Formaldehyde	Labstat
Acrolein	Labstat
Benzo[a]pyrene	Labstat
Benzo[a]anthracene	Labstat
Benzo[b]fluoranthene	Labstat
Benzo[j] fluoranthene	Labstat
Benzo[k]fluranthene	Labstat
Dibenz[a,h]anthracene	Labstat
Indeno[1,2,3-cd]pyrene	Labstat
Fluorene	Labstat
Acenaphthylene	Labstat
Fluoranthene	Labstat
Acenaphthene	Labstat

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Analyte	Site
Naphthalene	Labstat
Chrysene	Labstat
N-Nitrosodimethylamine (NDMA)	Labstat
N-Nitrosoethylmethylamine (NEMA)	Labstat
N-Nitrosopyrrolidine (NPYR)	Labstat
N-Nitrosodimethylpropylamine (NDPA)	Labstat
N-nitrosodimethylethylamine (NDEA)	Labstat
N-Nitrosodimethylbutylamine (NDBA)	Labstat
N-Nitrosopiperidine (NPIP)	Labstat
Nitrite	Labstat
Organochlorines	Microbac
Organophosphates	Microbac
Maleic hydrazide	Microbac
Dithiocarbamates (reported as mancozeb)	Microbac
N-methylcarbamates	Microbac
N-containing pesticides	Microbac
Herbicides	Microbac

The microbiological endpoints planned to be measured are presented in Table 2.

Table 2. Microbial endpoints by evaluation site

Endpoint	Site
Total bacteria	RJRT
Enteric bacteria (coliforms)	RJRT
Total yeast	RJRT
Total mold	RJRT
Water activity	RJRT
<i>Escherichia coli</i> type I	RJRT
<i>Streptococcus faecalis</i>	RJRT
<i>Thermophilic actinomycetes</i>	RJRT
<i>Aspergillus fumigatus</i> and other yeast/mold	RJRT
<i>Staphylococcus sp.</i> including <i>aureus</i>	RJRT
<i>Klebsiella spp.</i>	RJRT
<i>Salmonella</i>	RJRT
Aflatoxin B1	Trilogy
Aflatoxin B2	Trilogy
Aflatoxin G1	Trilogy
Aflatoxin G2	Trilogy
Ochratoxin A	Trilogy
T-2 toxin	Trilogy
Zearelenone	Trilogy
Sterigmatocystin	Trilogy

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Deoxynivalend	Trilogy
Diacetoxyscirpenol	Trilogy

For microbiological measurements, periodic samples were planned to be analyzed monthly, initially, then yearly, thereafter.

Besides the chemistry and microbiology core study plan, there were two additional studies. The first was to obtain 1-month stability data on a subset of key compounds (e.g., nicotine). The second was to obtain additional data on the Blend. Because the Blend had to be ground finer to obtain homogenous diet mixtures for the animal studies, an additional analysis (measuring the same compounds of toxicological interest as for the original test articles) was conducted to demonstrate that the ground and non-ground Blends were chemically equivalent.

Where appropriate, an additional reference smokeless tobacco (2S3, moist snuff) was included. The inclusion of this reference tobacco was designed mainly to help ensure that the methods used were working as expected.

Initial test article characterization

Results summary: March-July 2008

1) Chemistry results

a) RJRT analyses

Full production test article characterization (initial time point)

The test articles were produced for toxicology testing in March 2008. Analyses were conducted on these samples between March and July 2008. The storage conditions were initially room temperature for the Blend and <0°C for the Extract. Subsequently, the Blend was stored at <4°C in cold storage and the Extract continued to be stored frozen (<0°C). The test articles were transported to the contract toxicology laboratory under frozen conditions ($\leq -10^{\circ}\text{C}$) and they were to be subsequently stored frozen at the contract laboratory (<-15°C).

For the initial test article characterization (full production batch, GN75387), the set of analytes measured at RJRT indicated that the trend was $E \leq B$ (Table 3), except for glucose and catechol, where $E > B$. The trend was not as consistent for the B or E vs. reference (2S3, R) comparisons. For the available values, the analyte concentrations measured for the 2S3 reference indicated that the methods worked as expected.

P-values comparing all three samples were adjusted to control for multiple comparisons using the Bonferroni method, with $p < 0.05$ required for statistical significance. Small differences are significant in some cases because of small variation among replicates.

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Table 3. RJRT analyses-full production test articles (Blend, Extract) and Reference

Analyte, Measurement unit	Test Articles			Comparisons			
	2S3 (R)	Blend (B)	Extract (E)	R vs. B	R vs. E	B vs. E	Ranking
Total Solids, %			37.8	NA	NA	NA	NA
pH	7.32	5.45	5.19	B < R	E < R	E < B	E < B < R
Moisture, %	53.7	10.1		B < R	NA	NA	B < R
Nicotine, mg	15.1	26.3	23.0	R < B	R < E	E < B	R < E < B
Nicotine (colorimetric), %		2.57	2.40		NA	NA	NA
Nicotine, %	1.51	2.63	2.30	R < B	R < E	E < B	R < E < B
Normicotine, %	<0.010	0.068	0.057	R < B	R < E	E < B	R < E < B
Myosmine, %	0.0010	0.0015	0.0010	NA	NA	NA	NA
Anabasine, %	0.003	0.010	0.009	R < B	R < E	E < B	R < E < B
Anatabine, %	0.024	0.065	0.056	R < B	R < E	E < B	R < E < B
Total Alkaloids, %	<1.55	2.77	2.42	R < B	R < E	E < B	R < E < B
2 nd Total Alkaloids, %	<0.038	0.15	0.12	R < B	R < E	E < B	R < E < B
Fructose, %	0.16	1.01	0.96	R < B	R < E	E < B	R < E < B
Sucrose, %	<0.10	0.19	<0.08	R < B	NA	E < B	R, E < B
Glucose, %	<0.10	0.29	0.37	R < B	R < E	B < E	R < B < E
Ammonia, %	0.27	0.30	0.26	R < B	NS	E < B	R, E < B
Chloride, %	5.53	2.71	2.55	B < R	E < R	E < B	E < B < R
Hydroquinone, µg	BLOD	BLOD	BLOD	NA	NA	NA	NA
Catechol, µg	12.30	14.42	21.06	R < B	R < E	B < E	R < B < E
Phenol, µg	5.35	BLOD	BLOD	B < R	E < R	NA	B, E < R
p,m-Cresol, µg	7.98	BLODL	BLOD	B < R	E < R	NA	B, E < R
NNN, µg	1.57	1.02	1.00	B < R	E < R	NS	B, E < R
NNK, µg	0.43	0.40	0.36	NS	NS	NS	NS
NAT, µg	1.09	0.68	0.68	B < R	E < R	NS	B, E < R
NAB, µg	<0.43	<0.43	<0.49	NA	NA	NA	NS
Arsenic, µg	0.252	0.308	0.111	R < B	E < R	E < B	E < R < B
Cadmium, µg	0.77	0.74	0.30	B < R	E < R	E < B	E < B < R
Chromium, µg	0.44	0.71	0.23	R < B	E < R	E < B	E < R < B
Lead, µg	0.220	0.283	0.065	R < B	E < R	E < B	E < R < B
Nickel, µg	1.38	1.89	0.99	R < B	E < R	E < B	E < R < B

Except for %, pH, and metals (µg/g for Blend and Extract) results are per g for Blend and per ml for Extract

< indicates BLOD except for cumulative endpoints like total alkaloids, where at least one component of the sum was BLOD (e.g., normicotine)

NA indicates non-applicable cases (e.g., only one replicate run such as nicotine, colorimetric assay; no significance test could be conducted for SD=0; comparisons of means with BLOD results)

NS indicates not statistically significant

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b) Labstat analyses

The results for the analytes measured in the test articles and 2S3 reference (R) of the initial test article characterization work (2008 analysis) are presented in Table 4. The general trend for measured analytes is as follows: E < B < R. It is noteworthy that many PAHs are present at much lower levels in the Blend and Extract than in the reference tobacco.

Table 4. Labstat analyses-full test article production: Blend, Extract, and Reference

Analyte, Measurement unit	Mean SD	Test Articles			Comparisons (% difference)			Ranking
		2S3 (R)	Blend (B)	Extract (E)	B vs. R	E vs. R	E vs. B	
Formaldehyde, µg	Mean	0.860	0.309	0.023	-64.0	-97.3	-92.4	E < B < R
	SD	0.144	0.071	0.002				
Acrolein, µg	Mean	<0.016	<0.008	<0.001	NA	NA	NA	NA
	SD	0.000	0.000	0.000				
Nitrite, µg	Mean	9.182	2.808	* 0.125	-69.4	-98.6	-95.5	E < B < R
	SD	2.167	0.000	0.000				
NDMA, ng	Mean	* 7.553	* 2.835	<0.071	NA	-99.1	-97.5	E < B, R
	SD	1.745	0.000	0.000				
NPYR, ng	Mean	* 7.213	* 4.010	* 0.216	NA	NA	-94.6	E < B < R
	SD	0.000	0.000	0.000				
NEMA, ng	Mean	<2.980	<1.510	<0.081	NA	NA	NA	NA
	SD	0.000	0.745	0.000				
NDEA, ng	Mean	<3.080	* 1.864	<0.084	NA	NA	NA	NA
	SD	0.000	0.000	0.000				
NDPA, ng	Mean	<3.330	<1.690	<0.091	NA	NA	NA	NA
	SD	0.000	0.000	0.000				
NDBA, ng	Mean	<4.650	<2.360	<0.127	NA	NA	NA	NA
	SD	0.000	0.000	0.000				
NPIP, ng	Mean	<5.040	<2.560	<0.137	NA	NA	NA	NA
	SD	0.378	0.089	0.051				
Naphthalene, ng	Mean	80.257	28.462	4.289	-64.5	-94.7	-84.9	E < B < R
	SD	20.285	4.634	1.243				
Acenaphthylene, ng	Mean	58.486	2.003	0.074	-96.6	-99.9	-96.3	E < B < R
	SD	7.660	0.247	0.008				
Acenaphthene, ng	Mean	77.822	5.960	0.723	-92.3	-99.1	-87.9	E < B < R
	SD	11.786	0.625	0.207				
Fluorene, ng	Mean	495.400	8.973	0.409	-98.2	-99.9	-95.4	E < B < R
	SD	53.837	0.933	0.076				
Phenanthrene, ^{&} ng	Mean	4747.210	65.110	2.760	-98.6	-99.9	-95.8	E < B < R
	SD	268.135	8.068	0.586				
Fluoranthene, ng	Mean	1806.850	44.870	2.950	-97.5	-99.8	-93.4	E < B < R
	SD	55.967	4.987	0.329				
Pyrene, ^{&} ng	Mean	1750.400	32.170	2.340	-98.2	-99.9	-92.7	E < B < R
	SD	53.727	4.879	0.415				
Benzo(a)anthracene, ^{&} ng	Mean	343.677	4.041	0.290	-98.8	-99.9	-92.8	E < B < R
	SD	17.607	0.691	0.053				
Chrysene, ng	Mean	496.849	10.707	0.947	-97.8	-99.8	-91.2	E < B < R

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Analyte, Measurement unit	Mean SD	Test Articles			Comparisons (% difference)			Ranking
		2S3 (R)	Blend (B)	Extract (E)	B vs. R	E vs. R	E vs. B	
	SD	21.811	1.381	0.119				
Benzo(b)fluoranthene, ng	Mean	77.915	2.983	0.276	-96.2	-99.6	-90.7	E < B < R
	SD	4.635	0.273	0.030				
Benzo(k)fluoranthene, ng	Mean	27.482	1.536	0.137	-94.4	-99.5	-91.1	E < B < R
	SD	2.343	0.128	0.029				
Benzo(j)fluoranthene, ng	Mean	38.042	1.792	0.176	-95.3	-99.5	-90.2	E < B < R
	SD	1.997	0.151	0.029				
Benzo(e)pyrene, ^{&} ng	Mean	69.059	2.102	0.211	-97.0	-99.7	-90.0	E < B < R
	SD	3.814	0.203	0.023				
Benzo(a)pyrene, ng	Mean	62.696	1.599	0.140	-97.5	-99.8	-91.2	E < B < R
	SD	4.234	0.228	0.020				
Perylene, ^{&} ng	Mean	8.572	* 0.172	0.031	-98.0	-99.6	-81.9	E < B < R
	SD	1.608	0.000	0.005				
Indeno(1,2,3,-cd)pyrene, ng	Mean	25.273	1.362	0.120	-94.6	-99.5	-91.2	E < B < R
	SD	2.102	0.218	0.017				
Dibenz(a,h)anthracene, ng	Mean	7.131	* 0.310	* 0.033	-95.7	-99.5	-89.3	E < B < R
	SD	1.324	0.104	0.013				
Benzo(g,h,i)perylene, ^{&} ng	Mean	27.156	1.612	0.170	-94.1	-99.4	-89.4	E < B < R
	SD	2.003	0.256	0.024				
Dry Matter, %	Mean	45.462	89.589		97.1			R < B
	SD	0.057	0.071					
Moisture, %	Mean	54.538	10.411		-80.9			B < R
	SD	0.057	0.071					

Except for %, results are per g for Blend and per ml for Extract

<indicates all BLOD values; *indicates some BLOQ values, with midpoint value assigned

&indicates additional analytes not requested to be measured but measured and, therefore, reported

For the available values, the analyte levels measured for the 2S3 reference indicated that the methods worked as expected.

c) Microbac analyses

The following pesticides were measured (GN75387AB-Blend, AC-Extract): alachlor, aldrin, benfluralin, bifenthrin, butralin, camphechlor, captan, chinomethionate, chlordane, chlorothalonil, cyfluthrin, λ -cyhalothrin, cypermethrin, o,p-DDD, p,p-DDD, o,p-DDE, o,p-DDT, p,p-DDT, deltamethrin, dichloran, dieldrin, dinocap, endosulfan I, endosulfan II, endosulfan SO₄, endrin, esfenvalerate, fenvalerate, flucytrinate, flumetralin, folpet, α -HCH, β -HCH, δ -HCH, heptachlor, heptachlor epoxide, hexachlorobenzene, isopropalin, lindane (γ -HCH), methoxychlor, nitrofen, pendimethalin, permethrin, pyrethrins, trifluralin, EBDC (as mancozeb), maleic hydrazide, acephate, ethyl azinphos, methyl azinphos, methyl bromophos, chlorfenvinphos, chlorpyrifos, S-methyl demeton, diazinon, dichlorvos, dimefox, dimethoate, disulfoton, disulfoton sulfone, disulfoton sulfoxide, ethoprophos, fenamiphos, fenamiphos sulfoxide, fenamiphos sulfone, fenchlorphos, fenitrothion, fensulfothion, fenthion, fenthion sulfone, fenthion sulfoxide, fenophos, formothion, malathion, methamidophos, methidathion, mevinphos, monocrotophos, naled, parathion, methyl parathion, phorate, phosalone, phosphamidon,

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phoxim, methyl pirimiphos, profenofos, trebufos, trebufos sulfone, trebufos sulfoxide, tetrachlorvinphos, thionazin, trichlorfon, vamidothion, vamidothion sulfoxide, dicamba, 2,4-D, 2,4,5-T, aldicarb, aldicarb sulfone, aldicarb sulfoxide, benalaxyl, butylate, carbaryl, carbofuran, clomazone, diflubenzuron, dimethomorph, diphenamid, ethiofencarb, ethiofencarb sulfone, ethiofenacarb sulfoxide, 3-hydroxycarbofuran, metalaxyl, methiocarb, methiocarb sulfone, methiocarb sulfoxide, methomyl, 1-naphtol, oxadixyl, oxamyl, pebulate, piperonyl butoxide, pirimicarb, and propoxur.

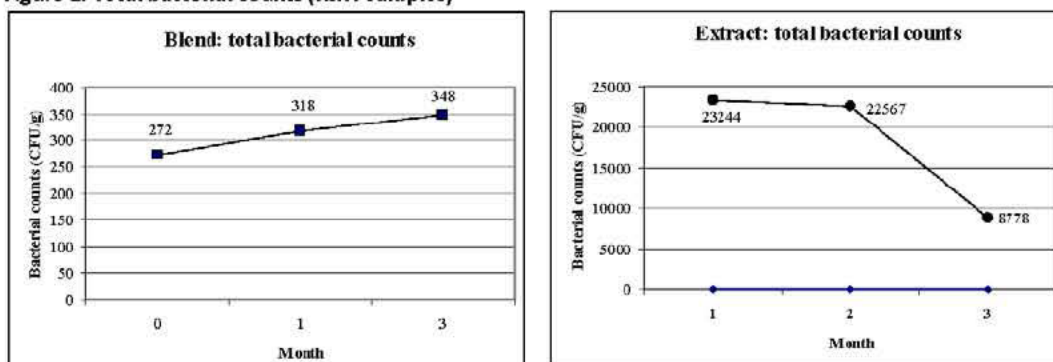
With the exception of metalaxyl and butralin, all measured pesticides were below the limit of quantitation. However, based on mouse and rat-specific toxicology data and exposure assessments, the presence of these two pesticides at such low levels in the tobacco test articles is not expected to contribute in any substantial way to subchronic/chronic toxicity in rats and mice in the feeding studies. Therefore, these analytes were only included in the initial test article characterization.

2) Microbiology results

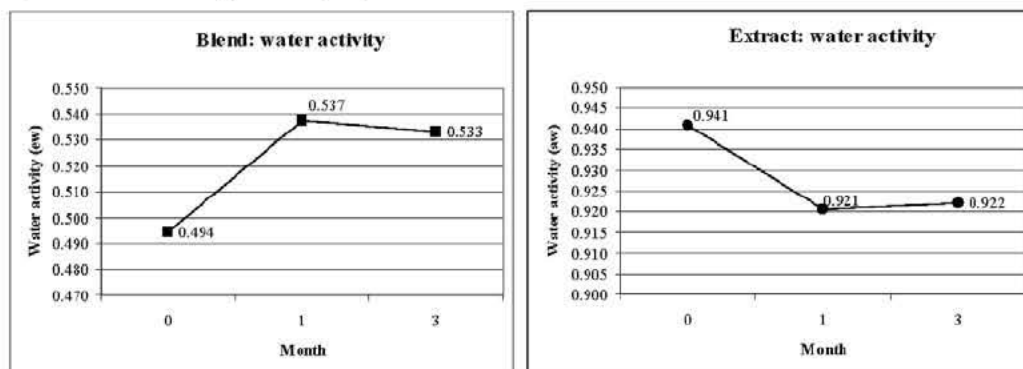
a) RJRT microbial analyses

Figures 1 and 2 indicate the progress of the irradiated test articles with time in terms of microbial endpoints (for the initial samples stored under RJRT conditions at -7°C). Except for total bacterial counts and water activity (which showed changes from the beginning of the study to month 3), there were no other targeted organisms detected at month 3. By month 3, total bacterial counts were slightly increased for the Blend and decreased for the extract. However, the water activity for the Blend was still below the level where significant growth would be expected, and, although there was a slight increase in the total bacterial counts for the Blend, the average values are still within acceptable limits.

Figure 1. Total bacterial counts (RJRT samples)



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Figure 2. Water activity (RJRT samples)**b) Trilogy mycotoxin analyses**

Test articles were tested in April-May 2008 to determine the presence of mycotoxins. No mycotoxins were detected in the Blend or extract except for Ochratoxin A. The presence of Ochratoxin A was confirmed by repeating the analysis. However, based on mouse and rat-specific toxicology data and exposure assessments, the presence of Ochratoxin A at such low levels would not be expected to induce Ochratoxin-specific toxicity in the rat and mouse feeding studies.

3) Additional analyses**a) 1-Month stability study: March vs. April 2008 analysis (effects of storage conditions on chemistry endpoints)**

A 1-month stability study was conducted using an abbreviated list of compounds to obtain a preliminary read on the stability of key analytes under applicable storage conditions (GN76582). Results from this analysis are presented in Table 5.

Table 5. Test article 1-month stability data (abbreviated analyte list)

Analyte, Measurement unit	2S3			Blend			Extract		
	March	April	April vs. March	March	April	April vs. March	March	April	April vs. March
pH	7.32	7.28	-0.6%	5.45	5.34	-1.9%	5.19	5.45	5.1%
Moisture, %	53.71	54.12	0.8%	10.10	10.06	NS			
Nicotine, mg	15.15	15.13	NS	26.28	26.66	NS	22.99	22.80	NS
Nicotine, %	1.51	1.51	NS	2.63	2.67	NS	2.30	2.28	NS
Nornicotine, %	<0.010	0.016	NS	0.068	0.065	NS	0.057	0.055	NS
Myosmine, %	0.001	<0.001	NS	0.002	0.001	NS	0.001	0.001	NS
Anabasine, %	0.003	0.005	NS	0.010	0.011	NS	0.009	0.009	NS
Anatabine, %	0.024	0.026	NS	0.065	0.071	NS	0.056	0.058	NS
Total Alkaloids, %	<1.55	<1.56	NA	2.77	2.81	NS	2.42	2.40	NS
2 nd Total Alkaloids, %	<0.038	<0.049	NA	0.145	0.148	NS	0.123	0.122	NS
Fructose, %	0.16	0.13	NS	1.01	1.29	NS	0.96	1.21	NS

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(b) (4)



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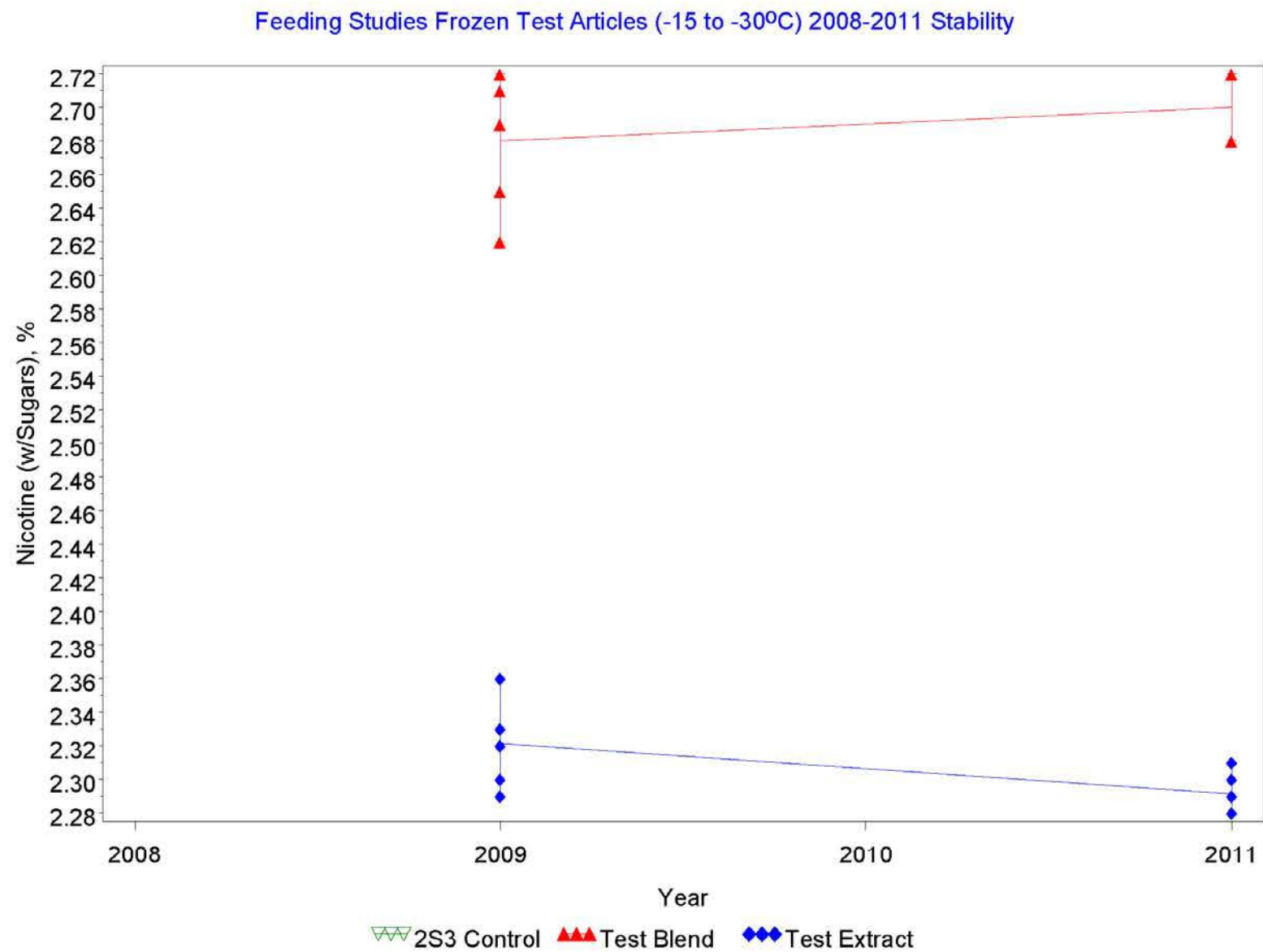
Table A2-B. P-Values for Time Changes for 2S3 Reference and Comparison of Tobacco Blend to 2S3

Analyte	2S3 Reference					Blend vs. 2S3 Reference				
	Year	2009	2010	2011	Trend	All Yrs	2008	2009	2010	2011
Dry Matter, %	0.0000	0.0000	0.0000	0.0000	0.1857	0.0000	0.0000	0.0000	0.0000	0.0000
Moisture, %	0.0000	0.0000	0.0000	0.0000	0.1857	0.0000	0.0000	0.0000	0.0000	0.0000
Formaldehyde, ug	0.0001	0.0002	0.0014	0.9560	0.9450	0.0000	0.0002	0.0054	0.1626	0.4262
Acrolein, ug * (4/4/4)	0.0000	na	0.0000	0.0000	0.1056					
NDMA, ng (3/4/4)	0.0012	0.5431	0.0362	0.0016	0.1004					
NPYR, ng (2/2/4)	0.0562	0.4385	0.6957	0.0645	0.3370					
NEMA, ng (4/4/4)	0.0070	0.0053	0.8006	0.8568	0.6905					
NDEA, ng (4/4/4)	0.0646	0.0384	0.7949	0.8526	0.6694					
NDPA, ng (4/4/4)	0.3055	0.1791	0.7469	0.8128	0.6077					
NDBA, ng (4/4/4)	0.0000	0.0000	0.0000	0.0000	0.1802					
NPIP, ng (4/4/4)	0.0000	0.0000	0.0000	0.0000	0.1752					
Nitrite, ug (0/4/0)	0.0000	0.0355	0.0000	0.0055	0.4450	0.0000	0.0000	0.0000	0.0000	0.0000
Naphthalene, ng	0.0077	0.7614	0.3069	0.0116	0.4438	0.0000	0.0000	0.0000	0.0000	0.0000
Acenaphthylene	0.0073	0.0012	0.1574	0.0115	0.5215	0.0000	0.0000	0.0000	0.0000	0.0000
Acenaphthene, ng	0.2684	0.0983	0.9328	0.6746	0.9169	0.0000	0.0000	0.0000	0.0000	0.0000
Fluorene, ng	0.0034	0.1309	0.1924	0.0004	0.0912	0.0000	0.0000	0.0000	0.0000	0.0000
Phenanthrene, ng	0.0000	0.0953	0.0091	0.0000	0.0368	0.0000	0.0000	0.0000	0.0000	0.0000
Fluoranthene, ng	0.0098	0.3884	0.0022	0.6459	0.6694	0.0000	0.0000	0.0000	0.0000	0.0000
Pyrene, ng	0.0034	0.7327	0.1987	0.0019	0.0992	0.0000	0.0000	0.0000	0.0000	0.0000
Benzo(a)-anthracene, ng	0.0000	0.1058	0.0002	0.0000	0.0058	0.0000	0.0000	0.0000	0.0000	0.0000
Chrysene, ng	0.0004	0.0042	0.7055	0.0611	0.4350	0.0000	0.0000	0.0000	0.0000	0.0000
Benzo(b)-fluoranthene, ng	0.0002	0.0011	0.0222	0.1711	0.6947	0.0000	0.0000	0.0000	0.0000	0.0000
Benzo(k)-fluoranthene, ng	0.0000	0.6482	0.1190	0.0000	0.1125	0.0000	0.0000	0.0000	0.0000	0.0000
Benzo(j)-fluoranthene, ng	0.0000	0.0932	0.0000	0.0000	0.0862	0.0000	0.0000	0.0000	0.0000	0.0000
Benzo(e)pyrene, ng	0.0379	0.2465	0.0051	0.2564	0.4596	0.0000	0.0000	0.0000	0.0000	0.0000
Benzo(a)pyrene, ng	0.0000	0.3987	0.0000	0.0002	0.2030	0.0000	0.0000	0.0000	0.0000	0.0000
Perylene, ng (2/3/0)	0.0037	0.3521	0.0051	0.7353	0.6243	0.0000	0.0000	0.0000	0.0000	0.0000
Indeno(1,2,3,-cd)pyrene, ng	0.0001	0.0326	0.0013	0.8780	0.7133	0.0000	0.0000	0.0000	0.0000	0.0000
Dibenz(a,h)anthracene, ng (4/4/0)	0.0001	0.1125	0.0002	0.1995	0.9483	0.0000	0.0000	0.0000	0.0000	0.0000
Benzo(g,h,i)-perylene, ng	0.0000	0.0010	0.0000	0.0866	0.5169	0.0000	0.0000	0.0000	0.0000	0.0000

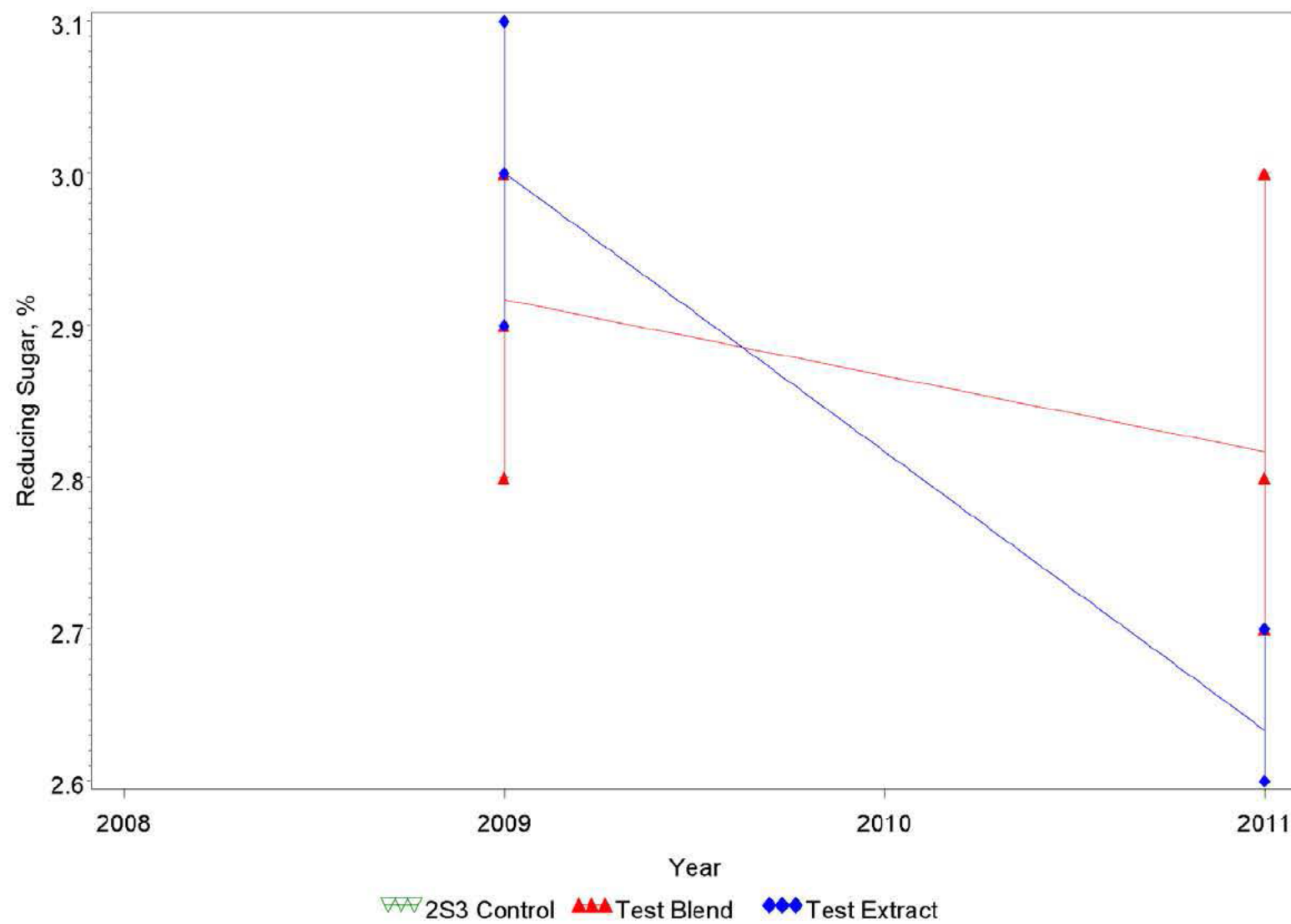
*() indicates the number of means that were BLOD or NQ for Blend, Extract, and 2S3 Reference
 Except for %, results are per g for Blend and per ml for Extract

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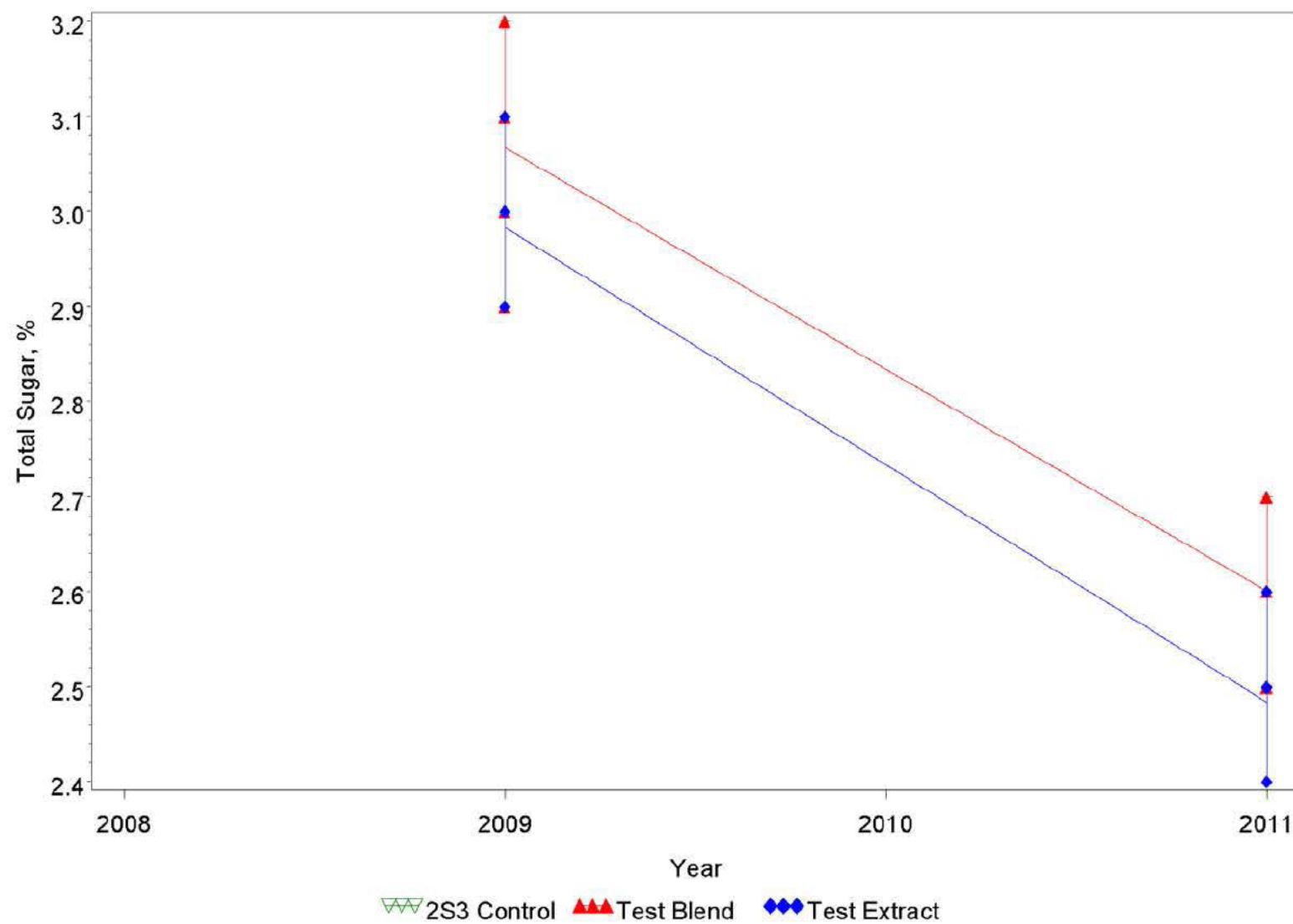
Appendix 3: Graphs



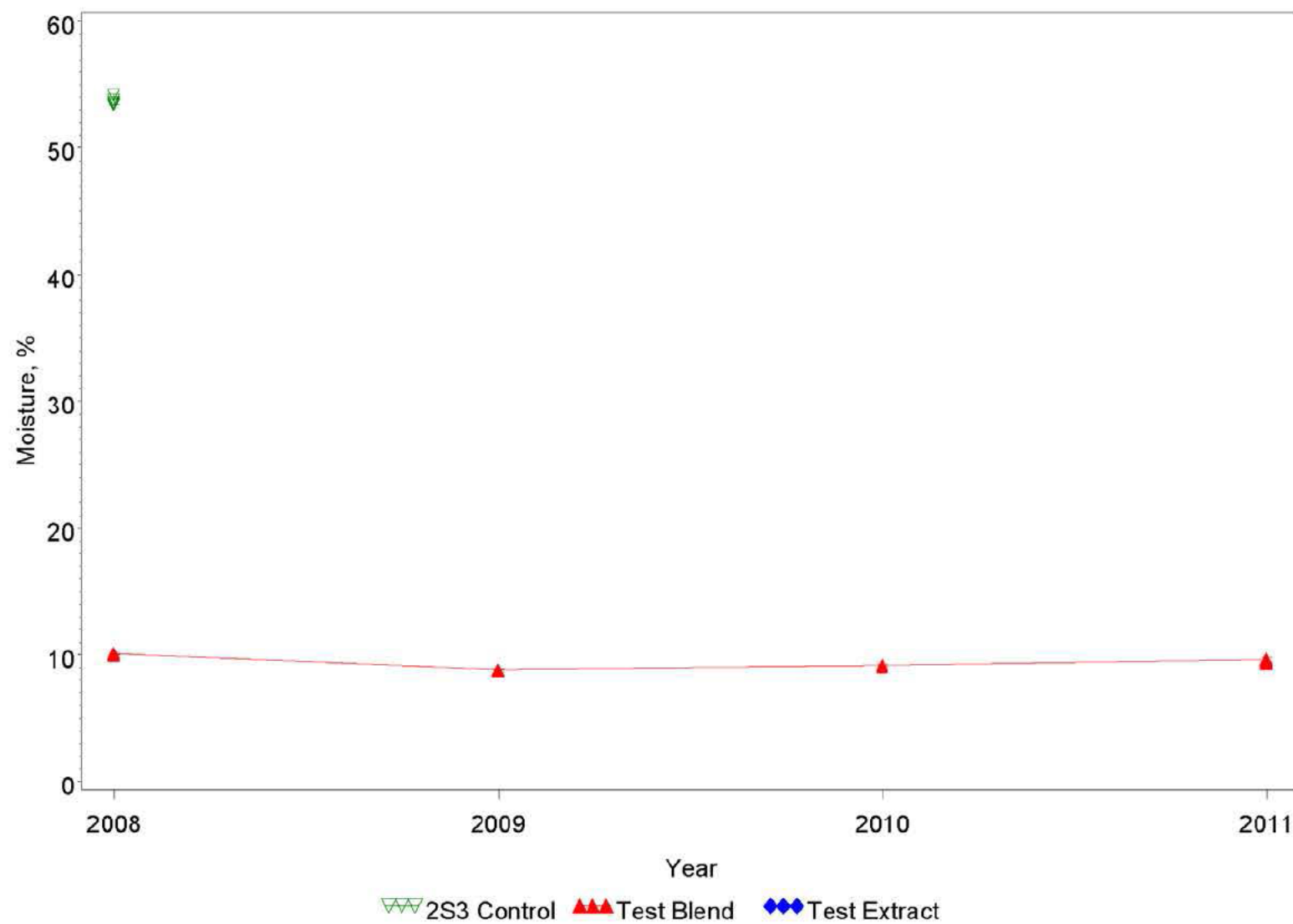
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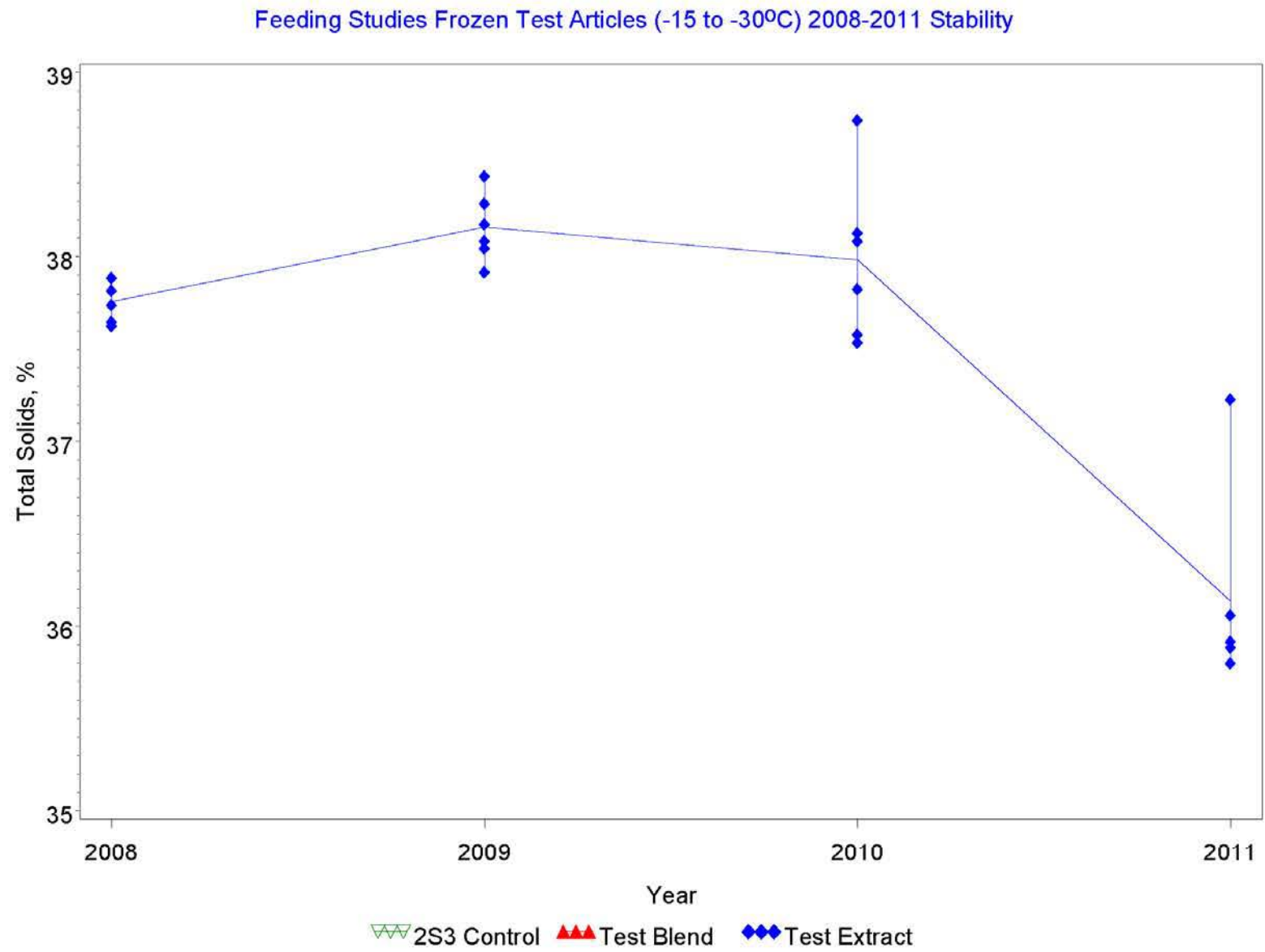


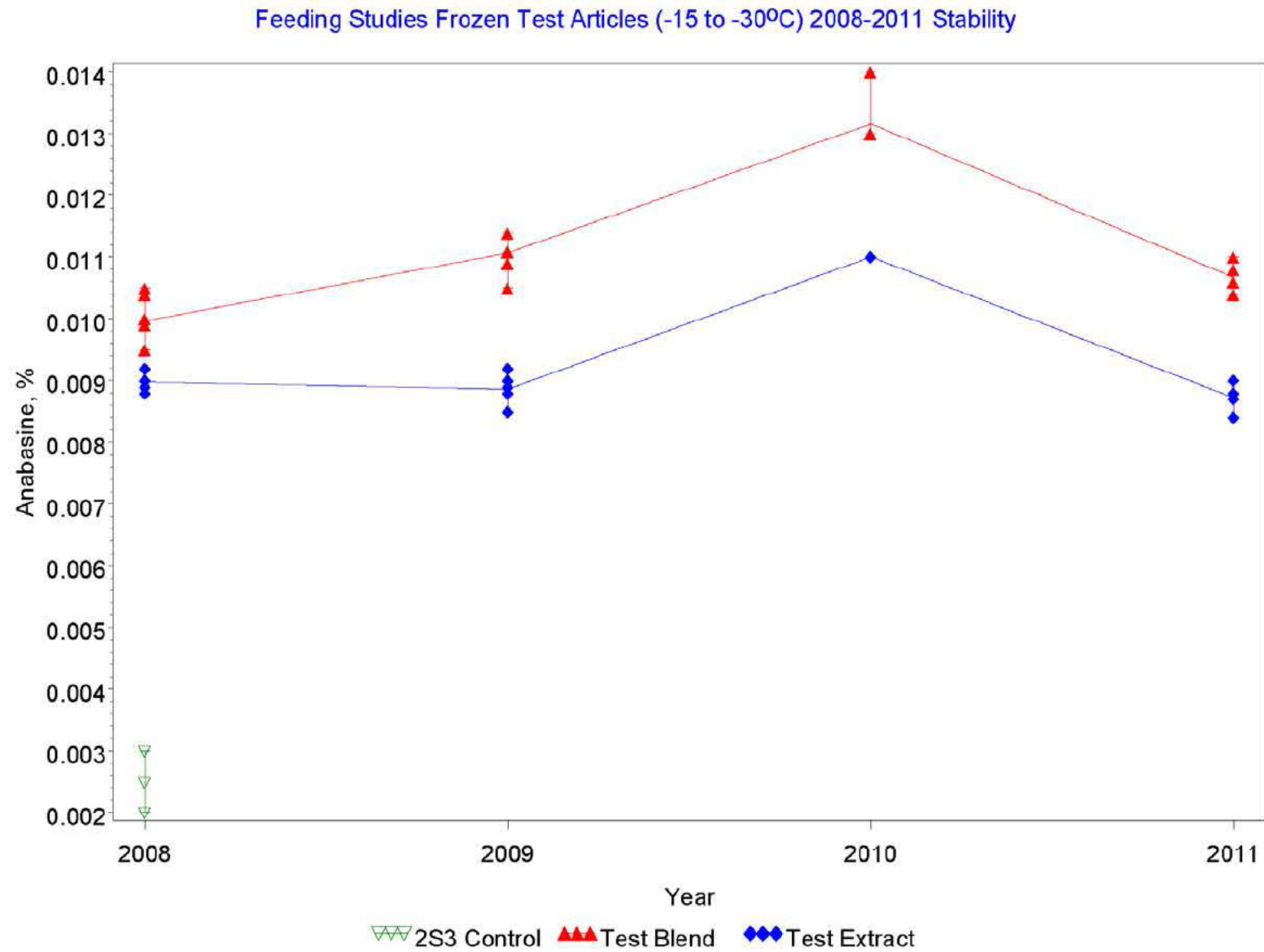
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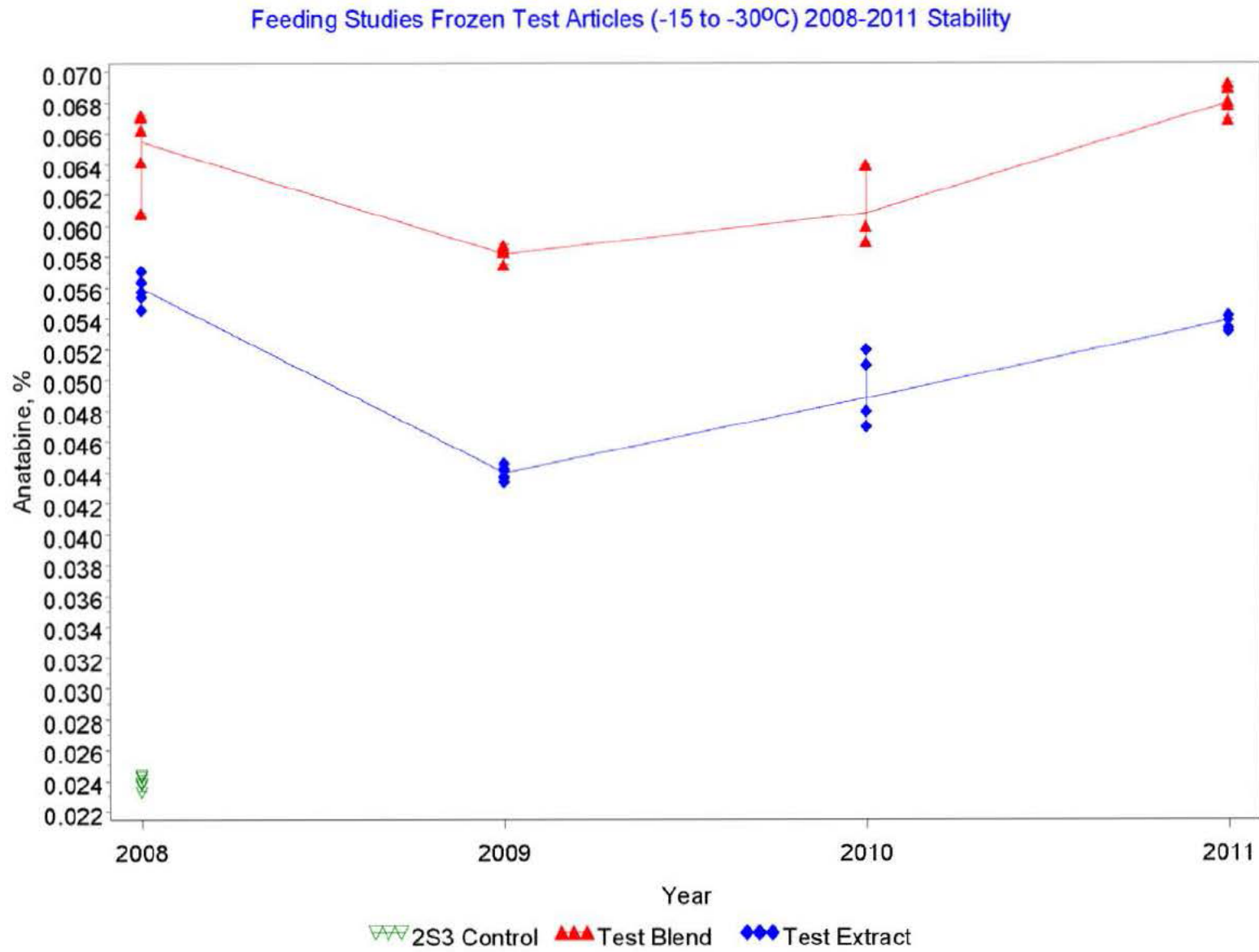


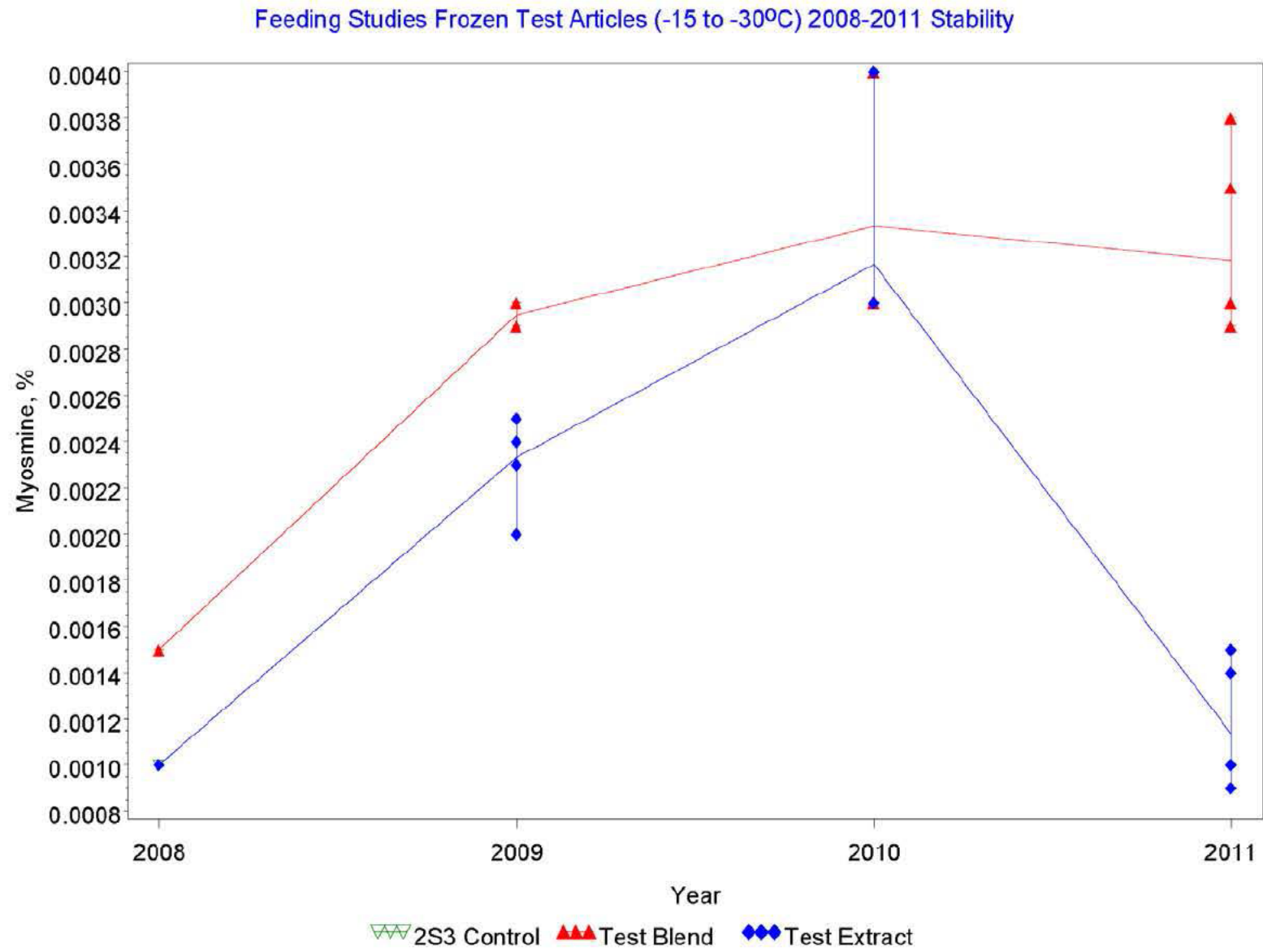
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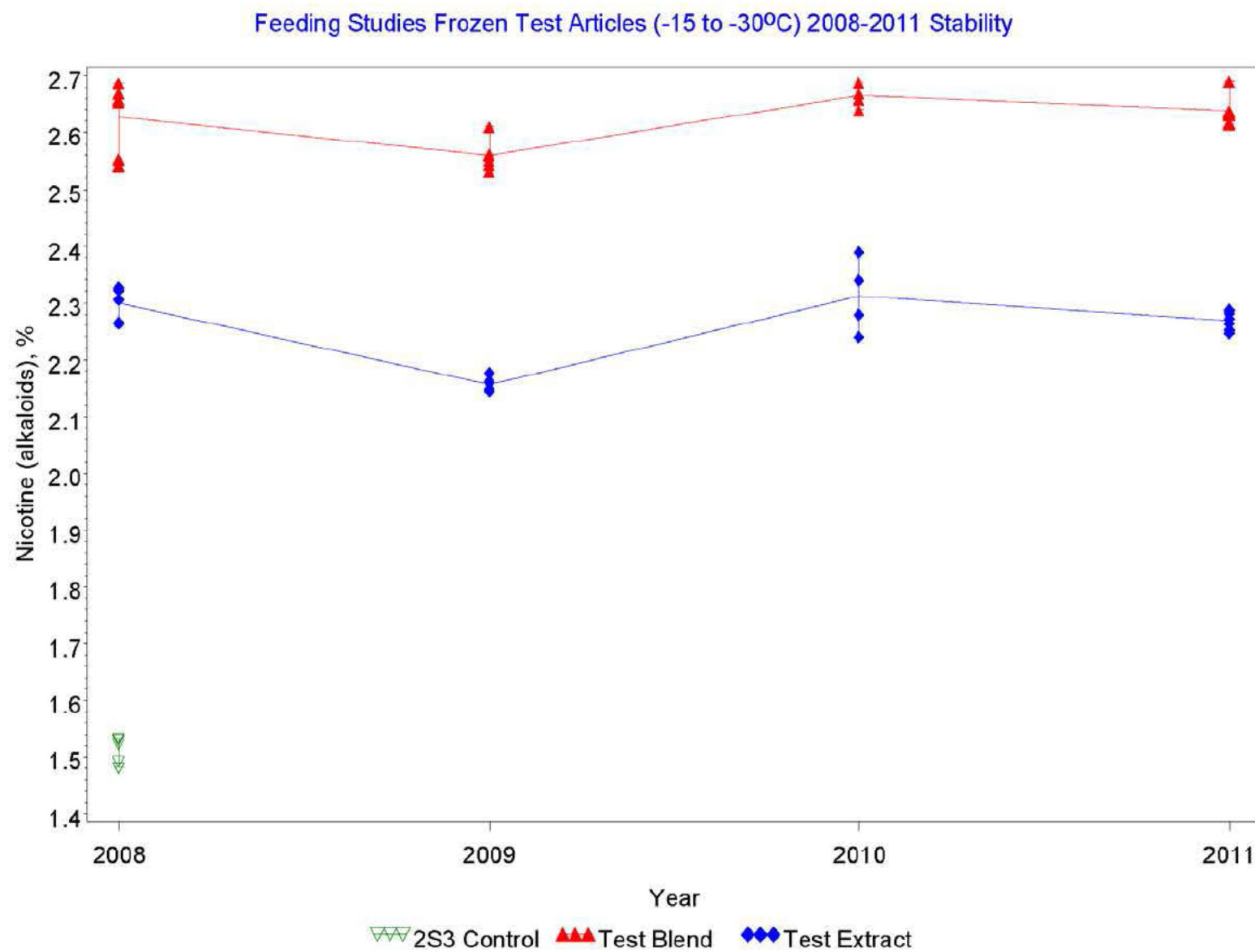




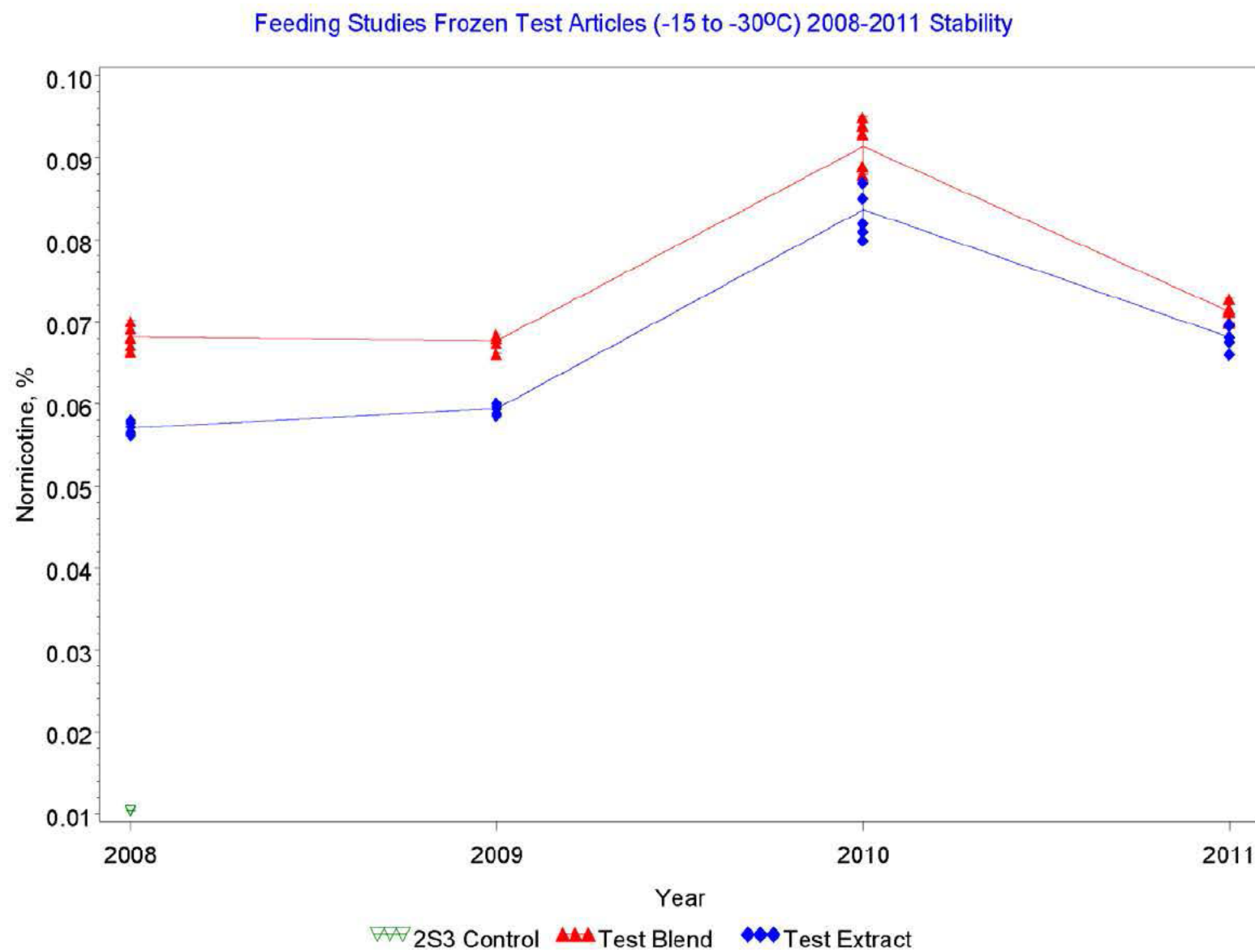


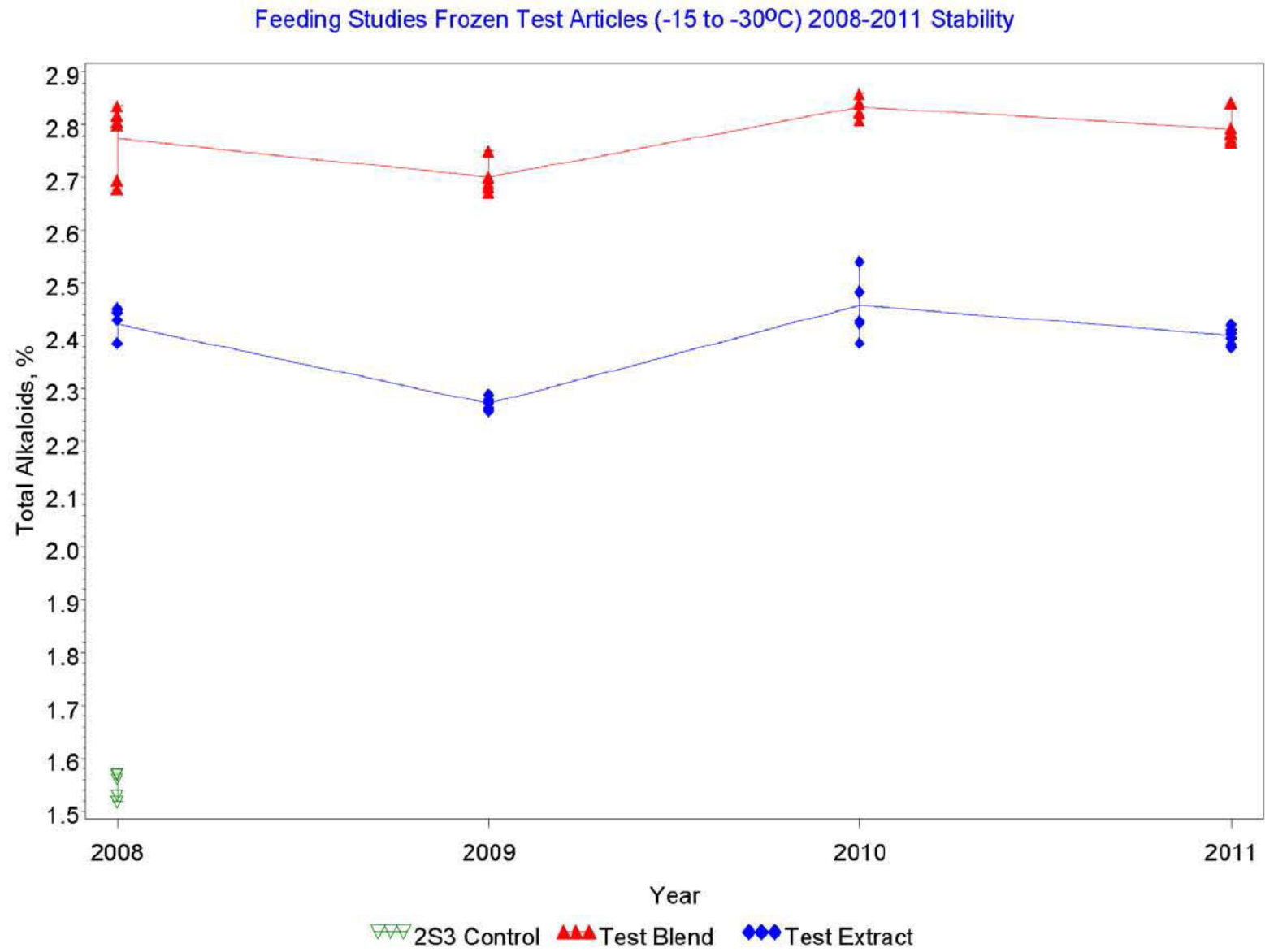




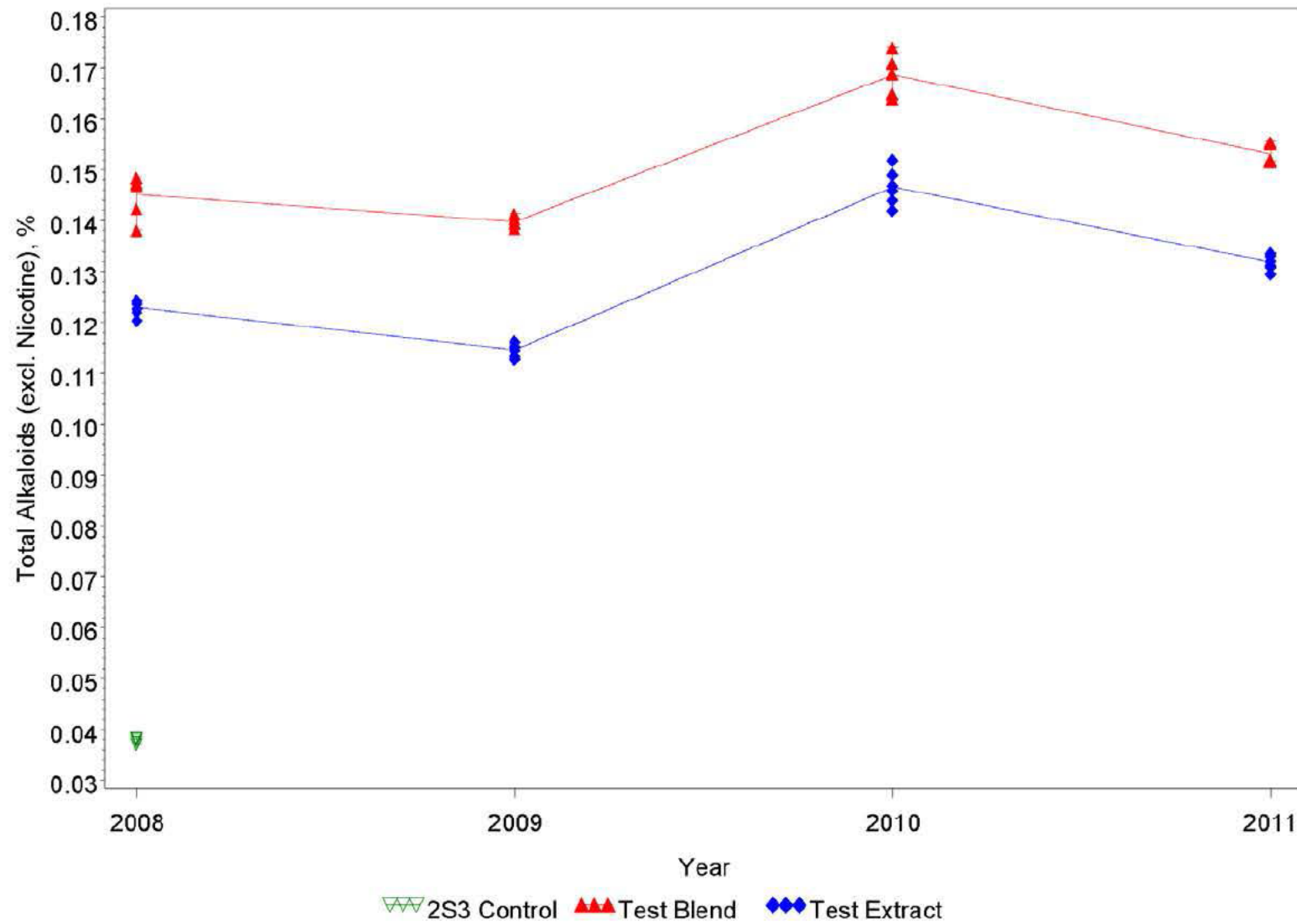




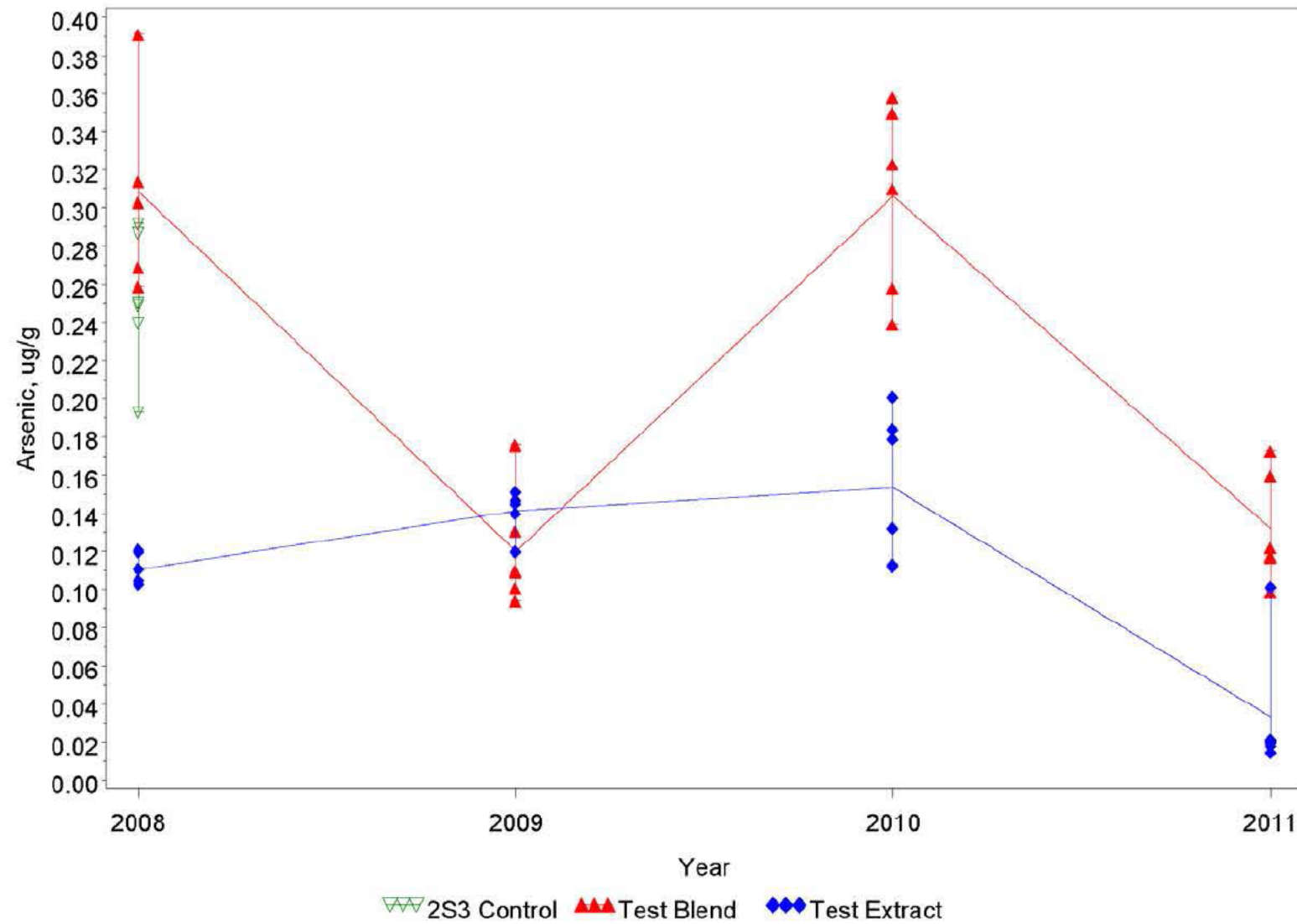


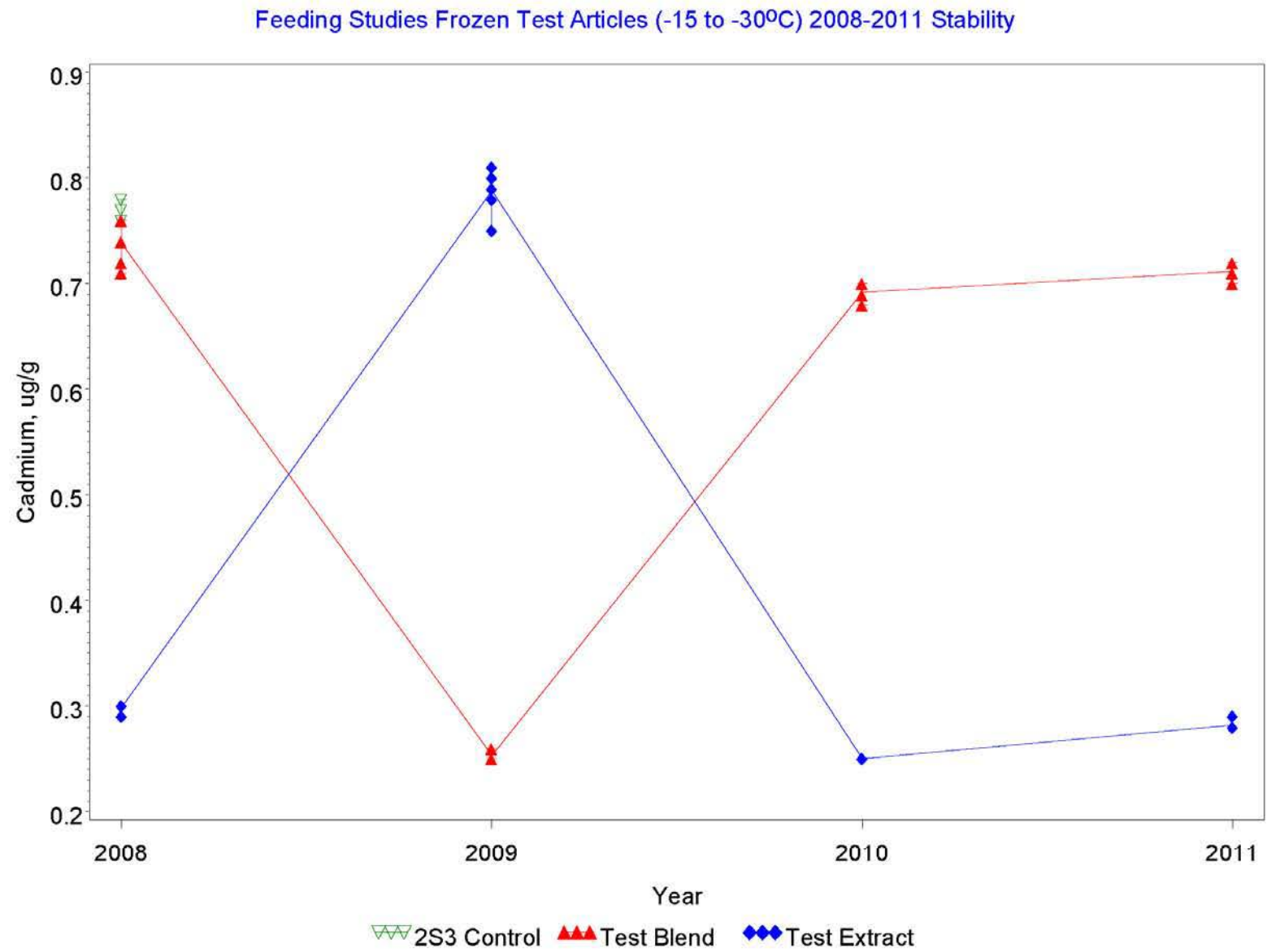


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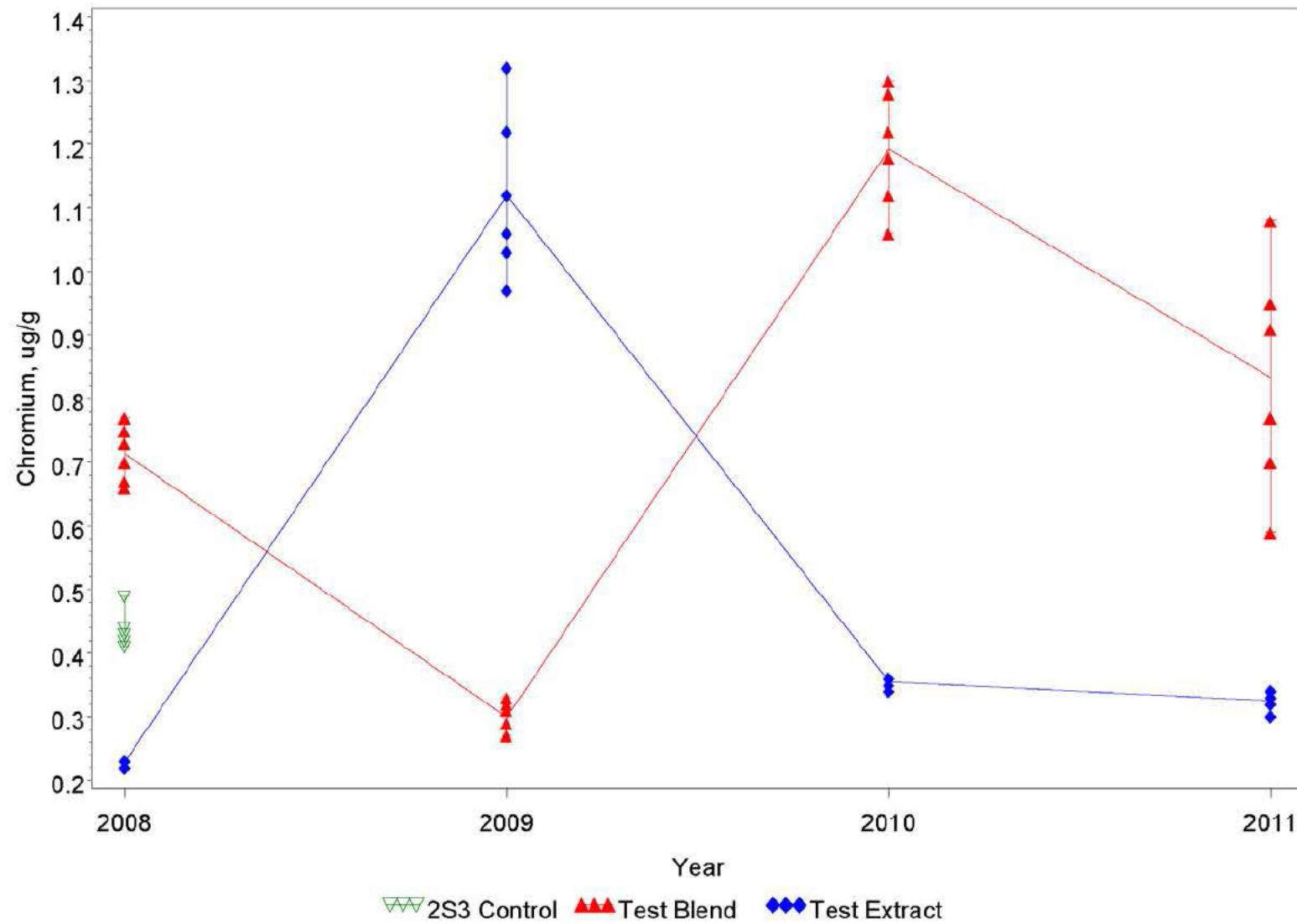


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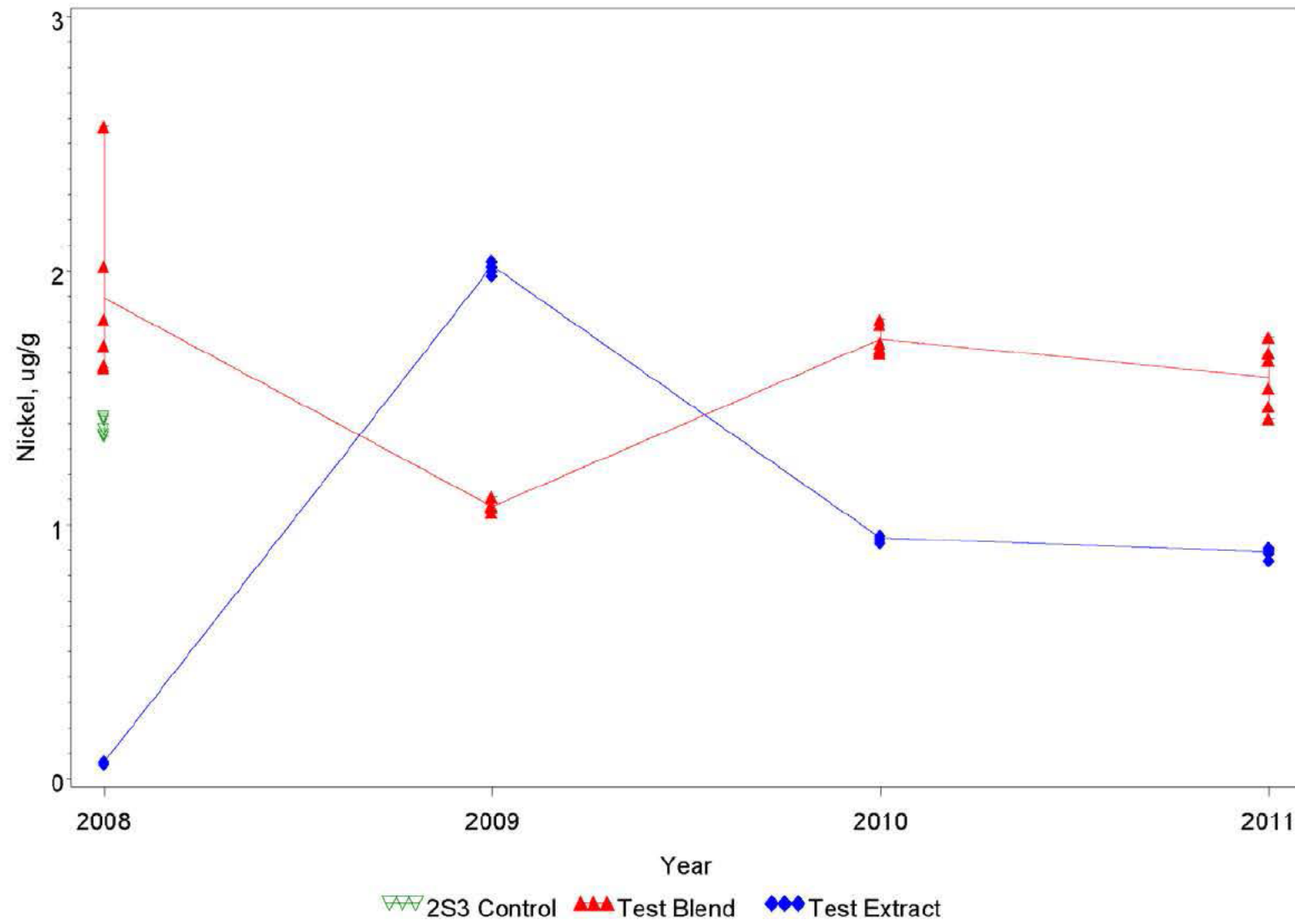




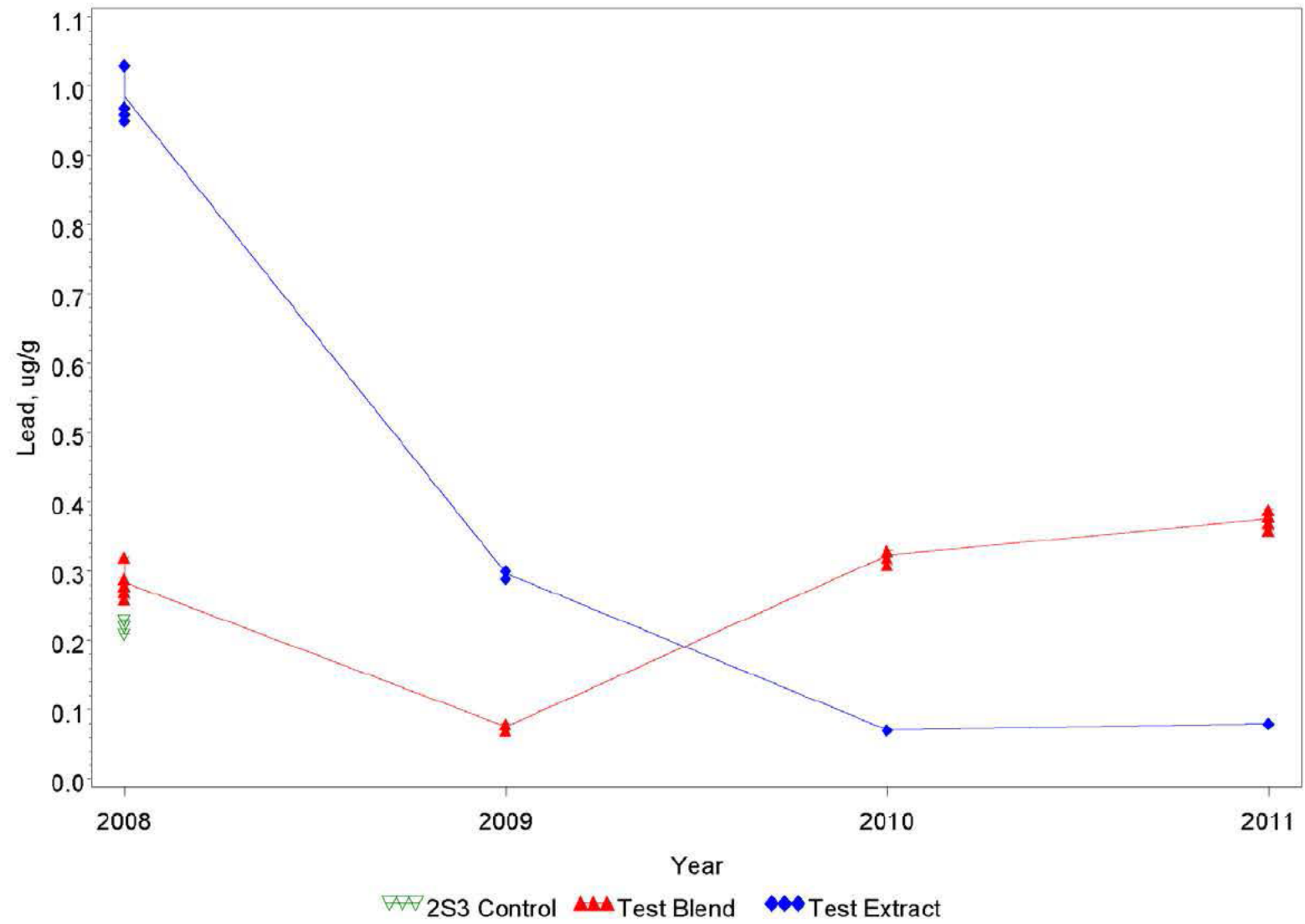
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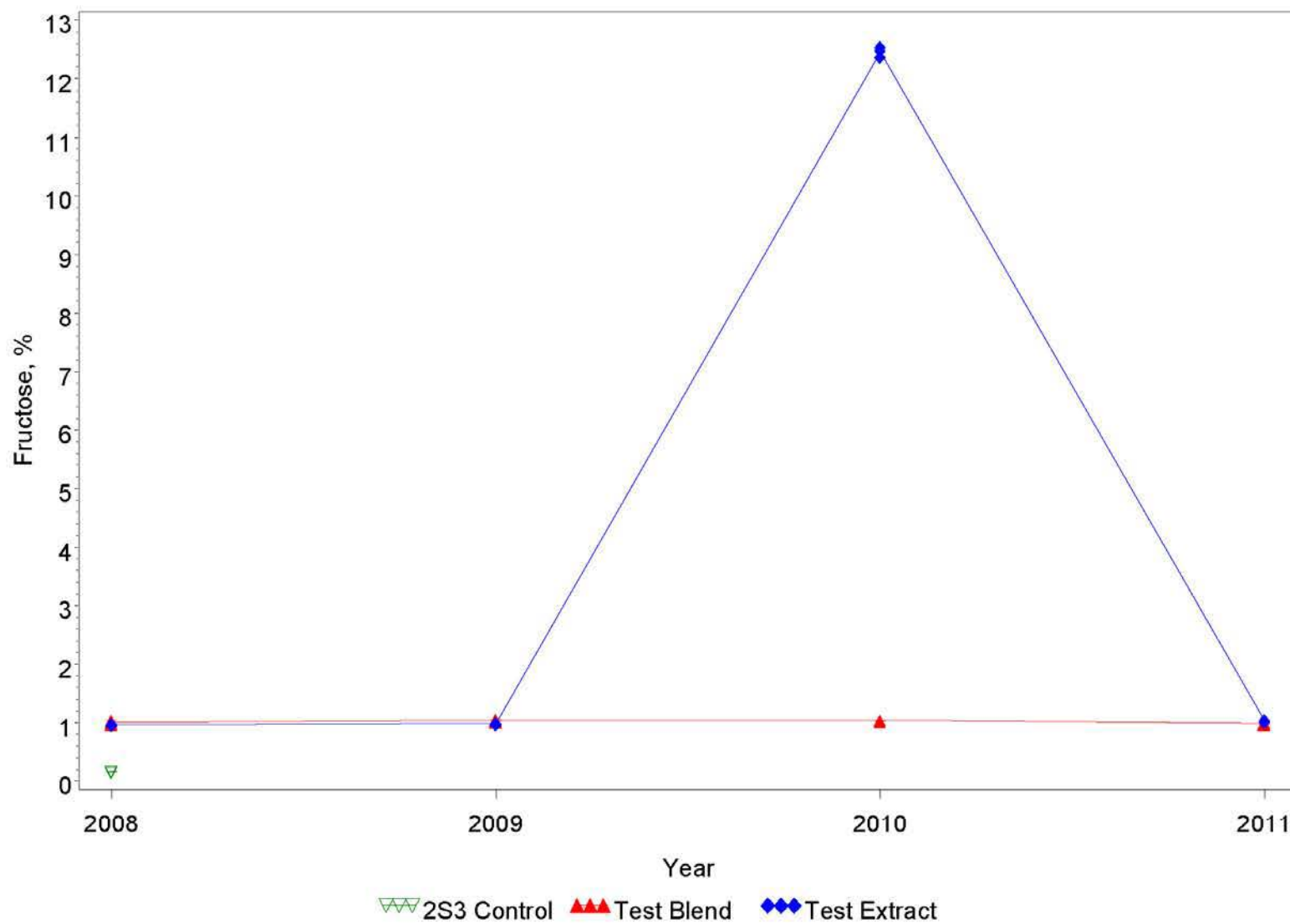
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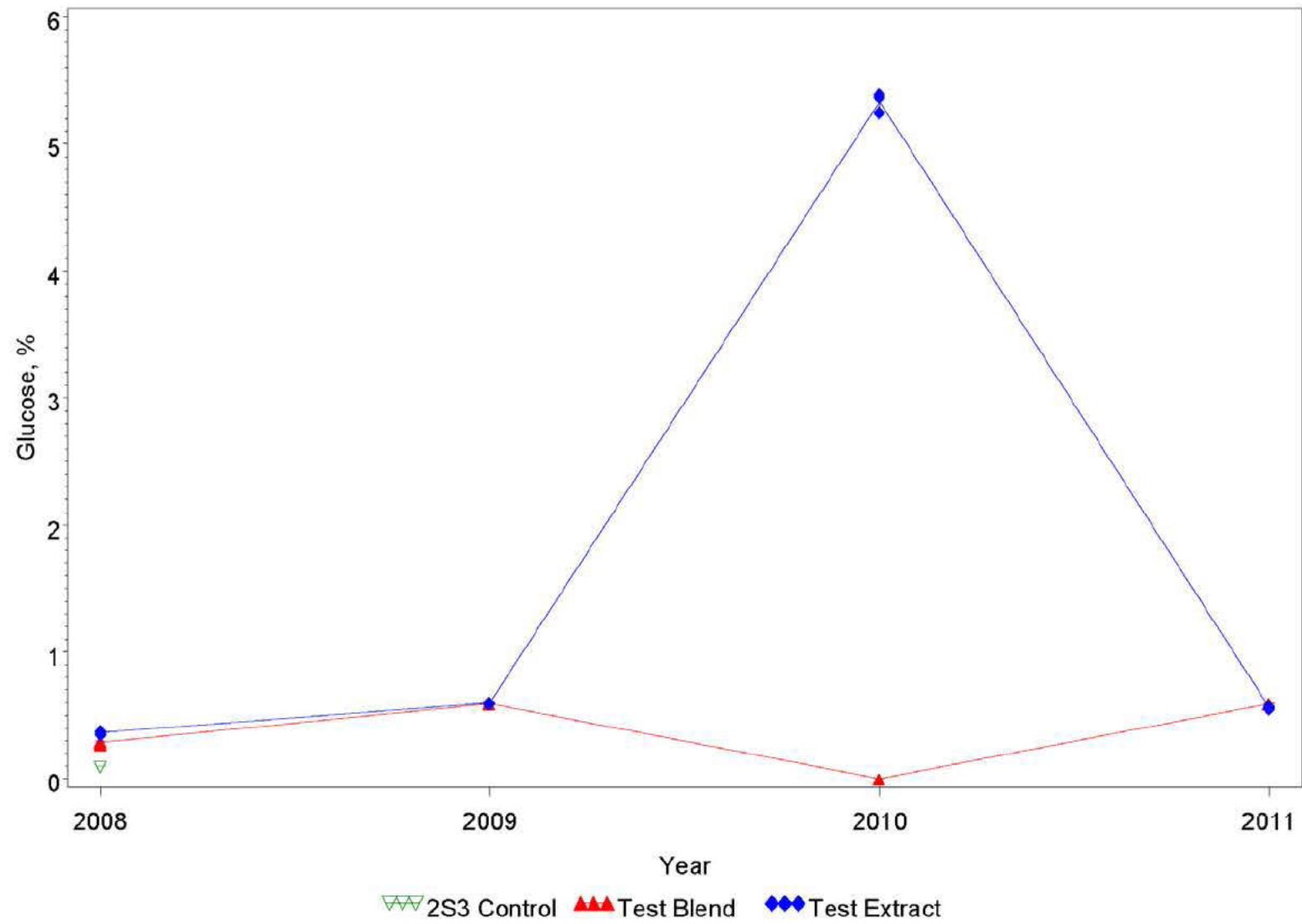
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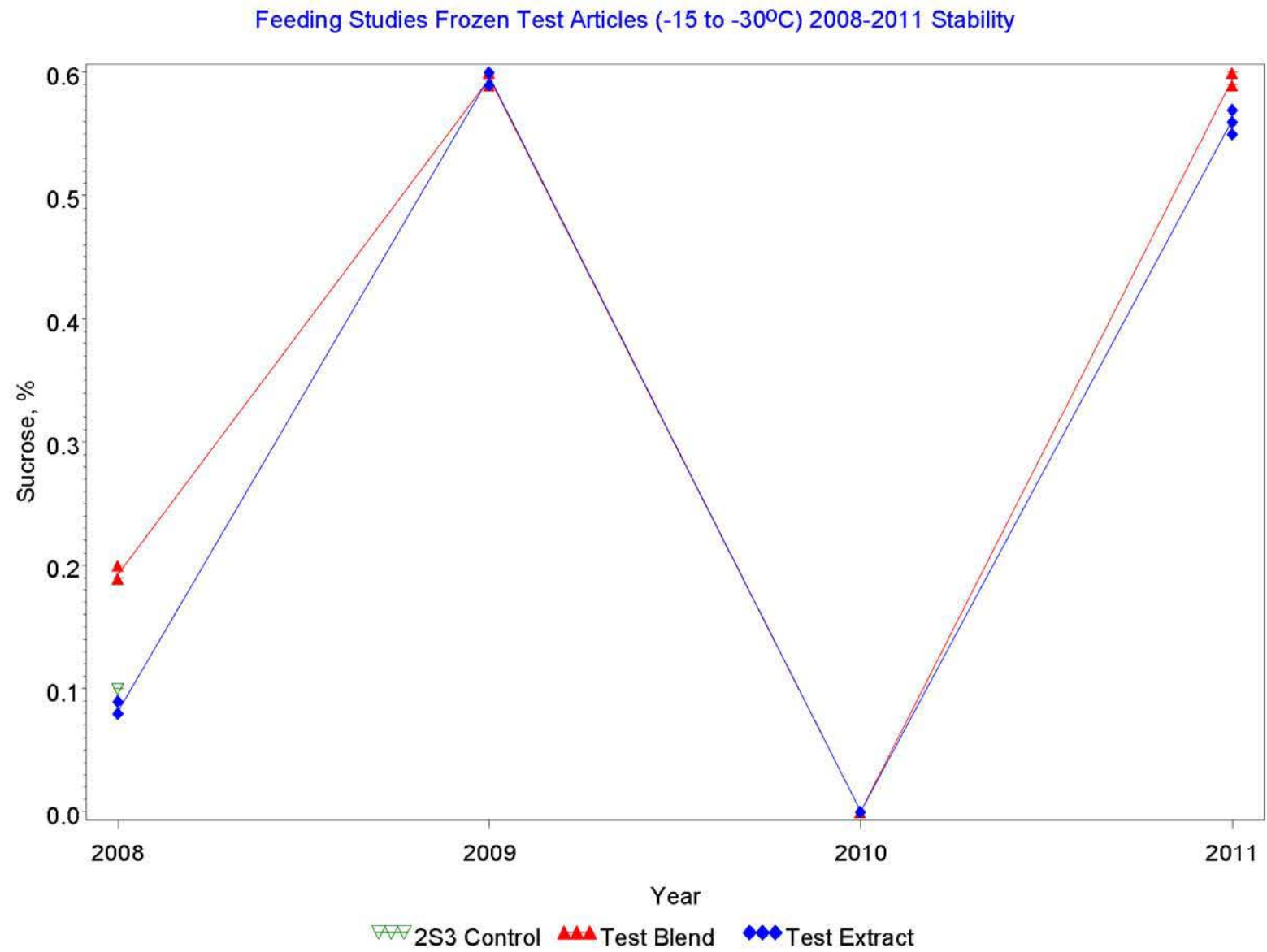


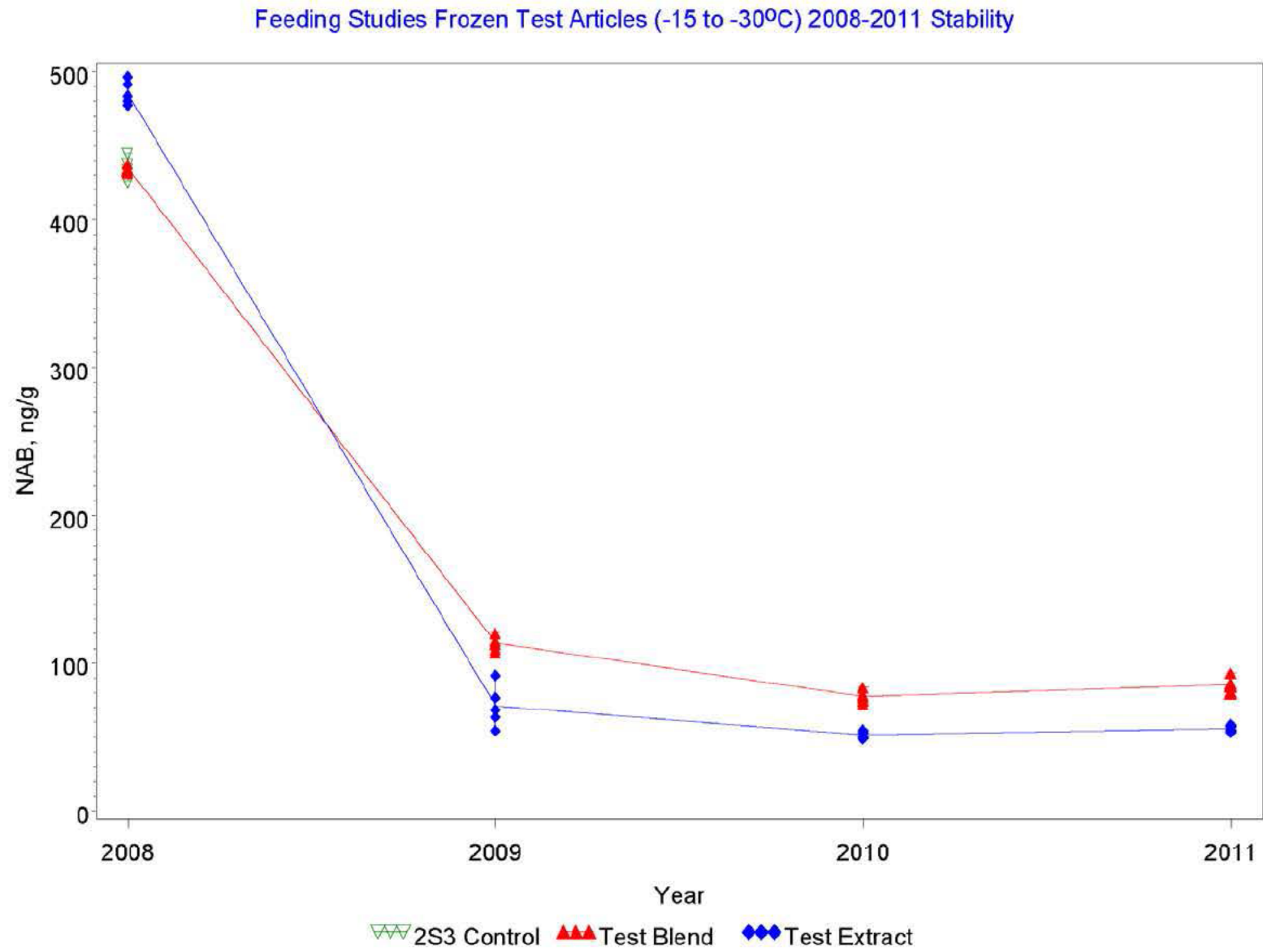
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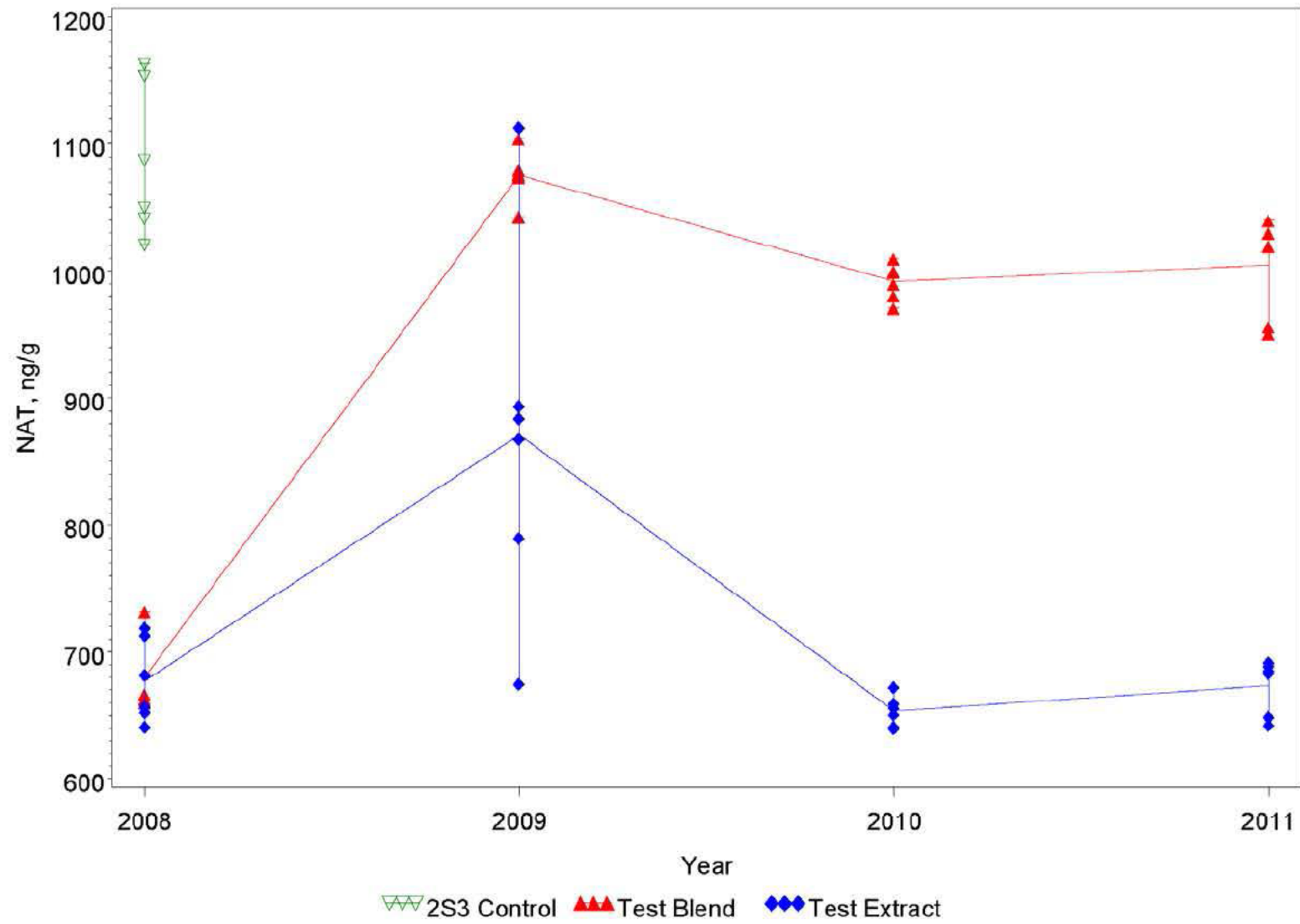
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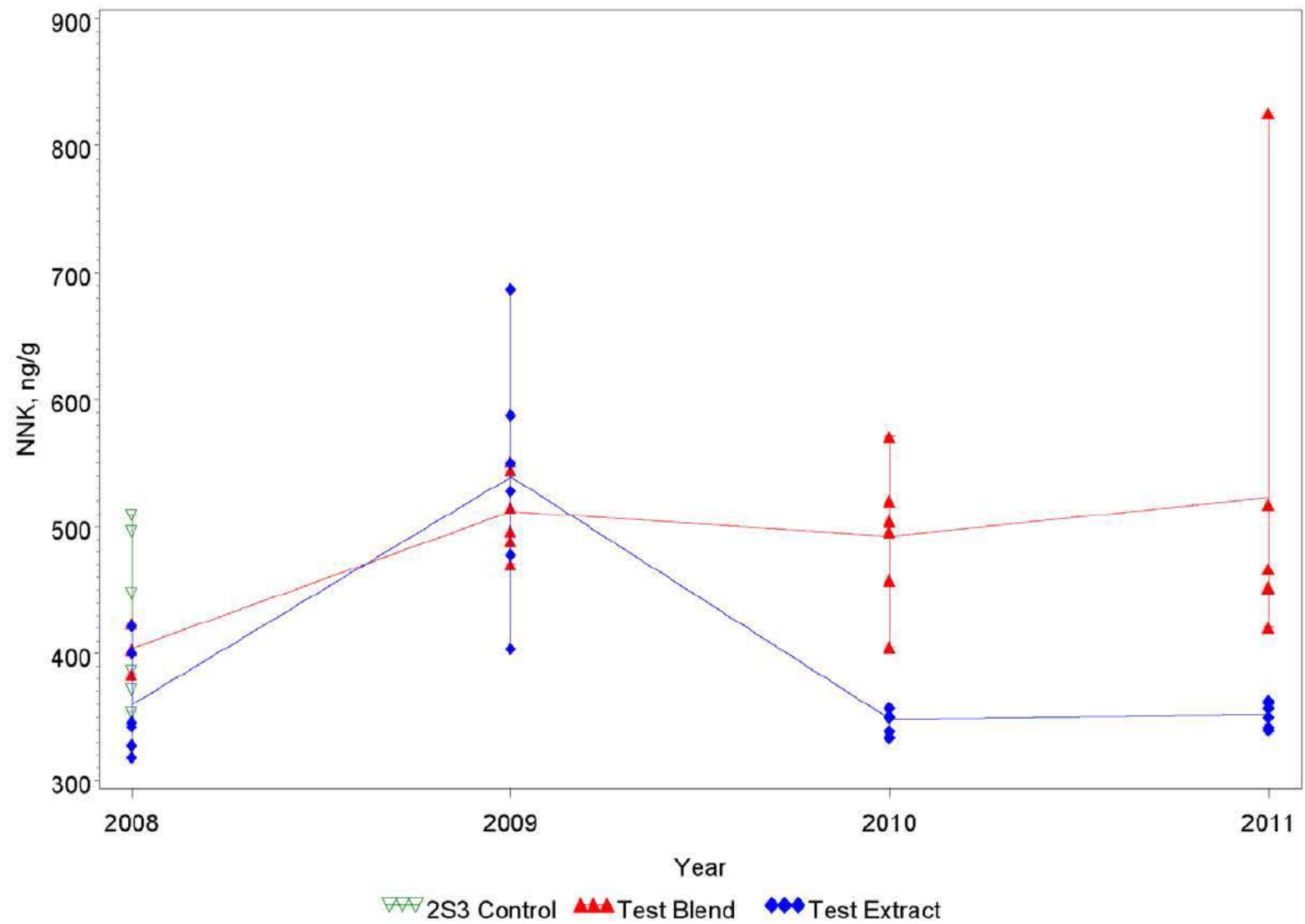




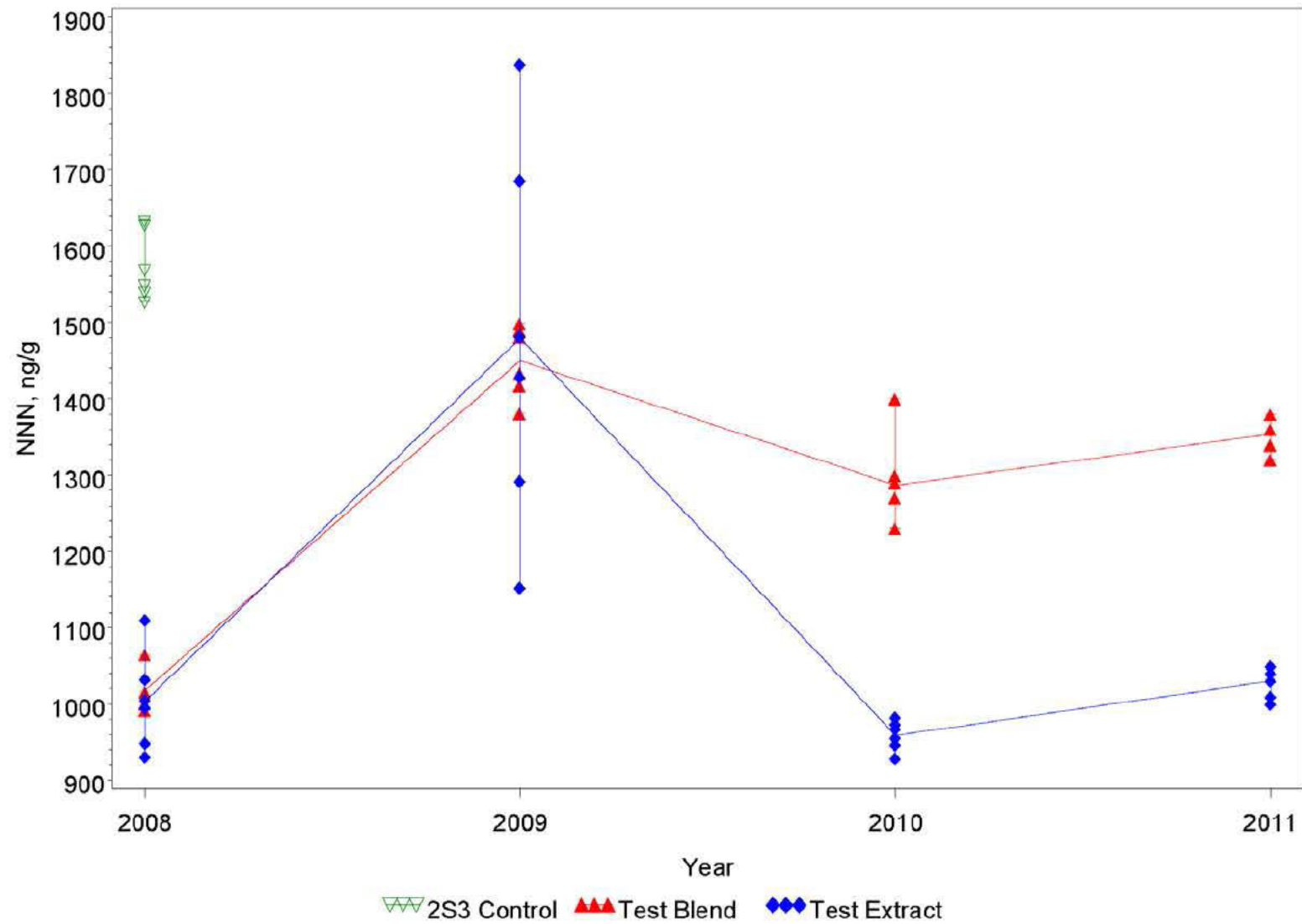
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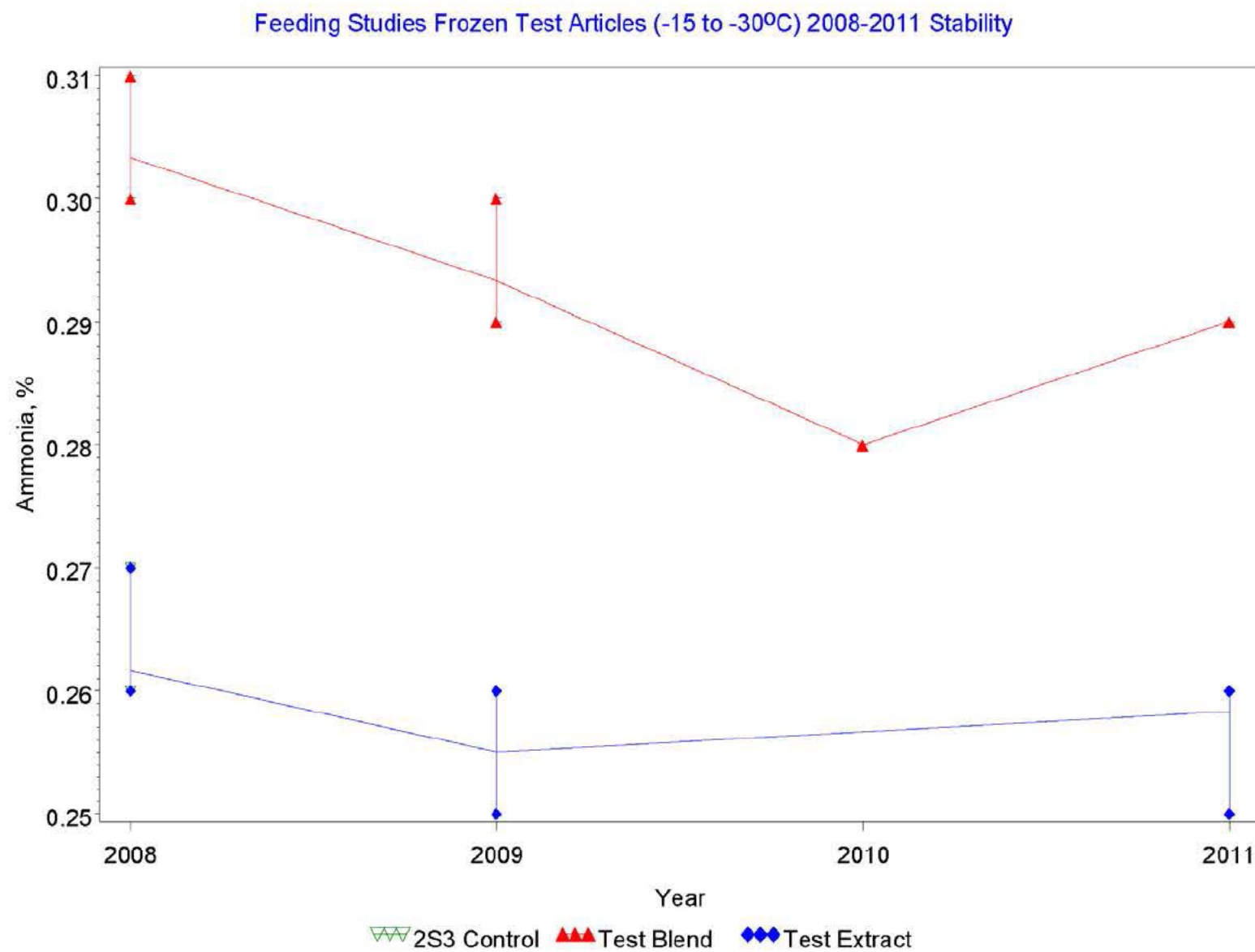


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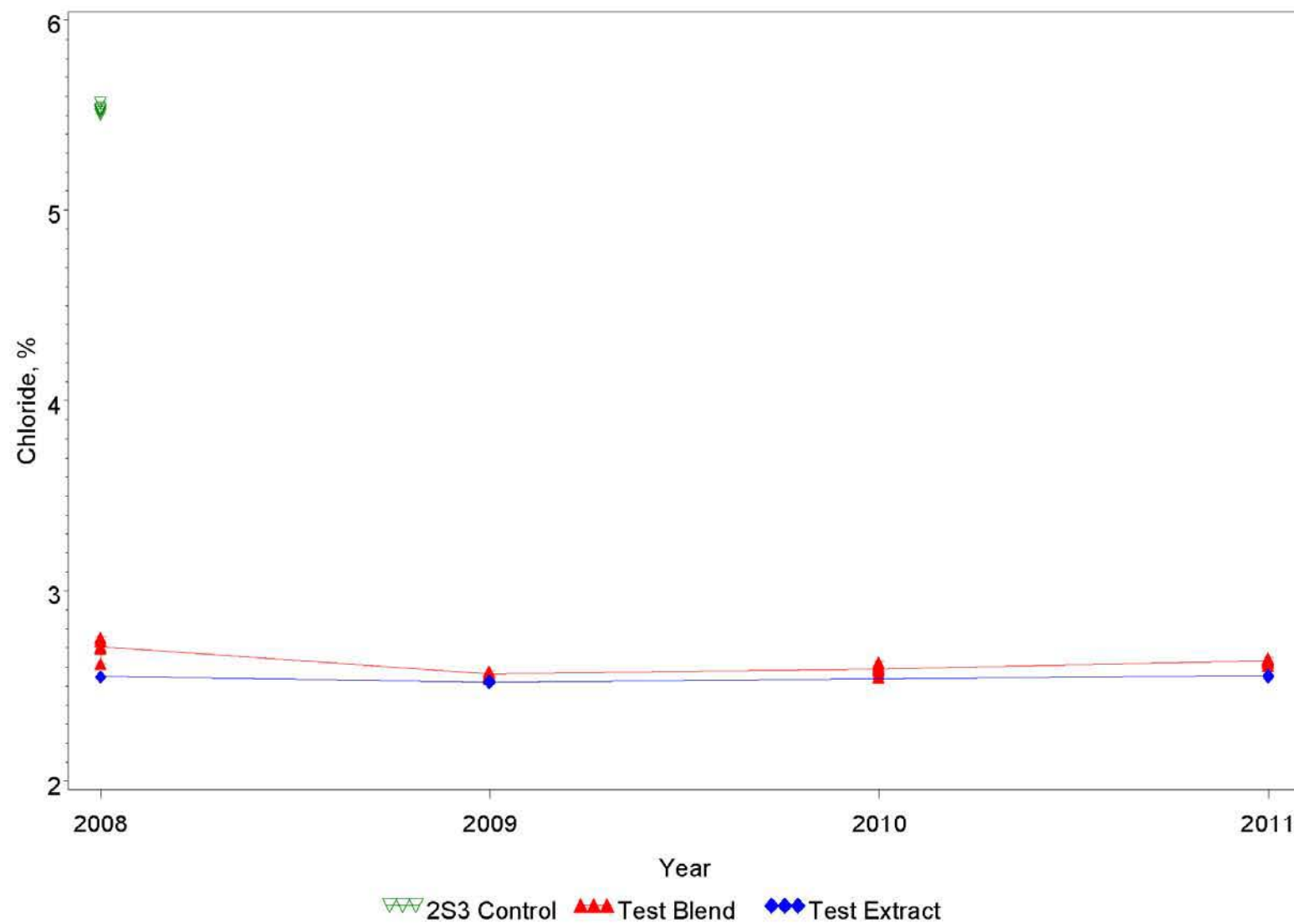


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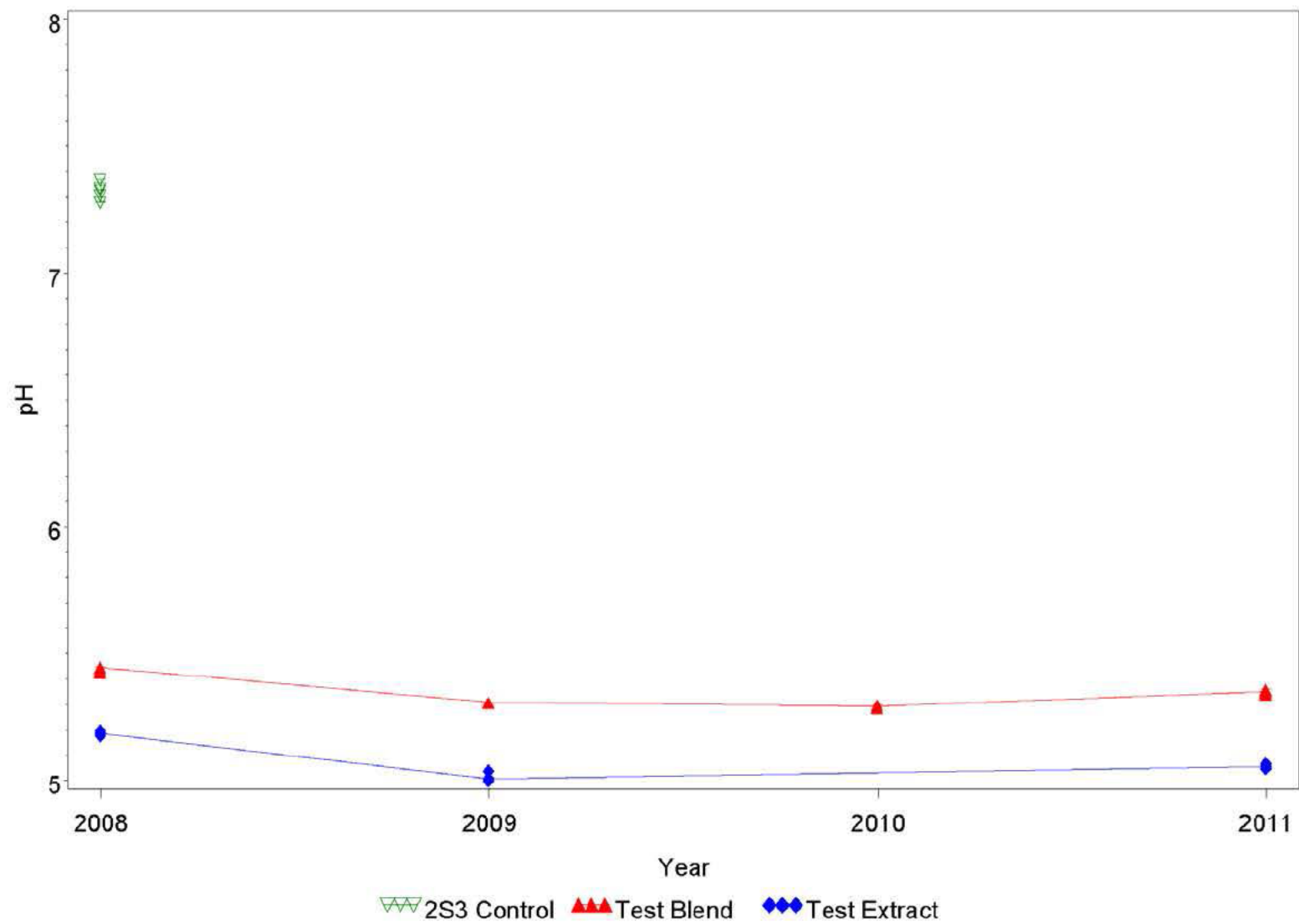


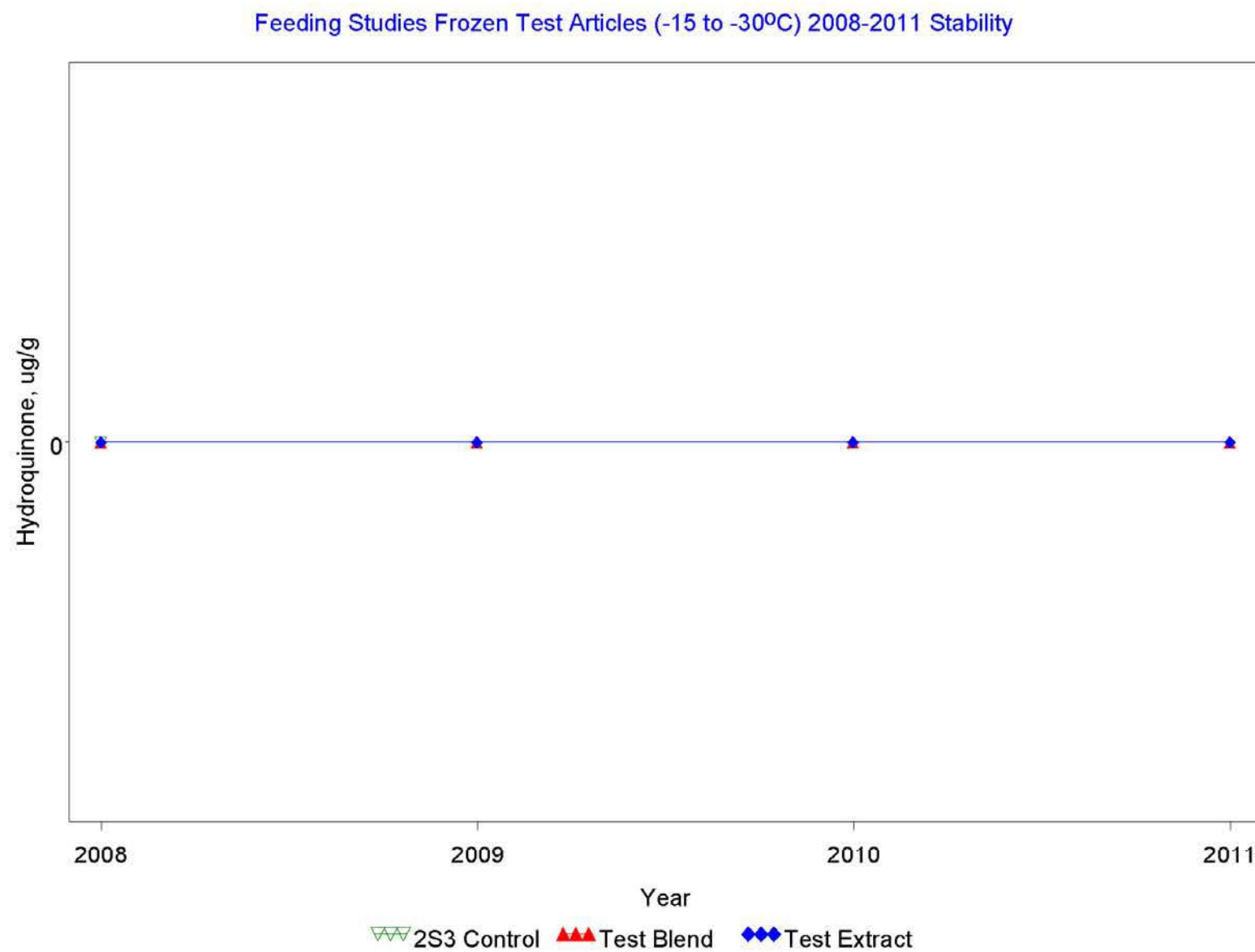


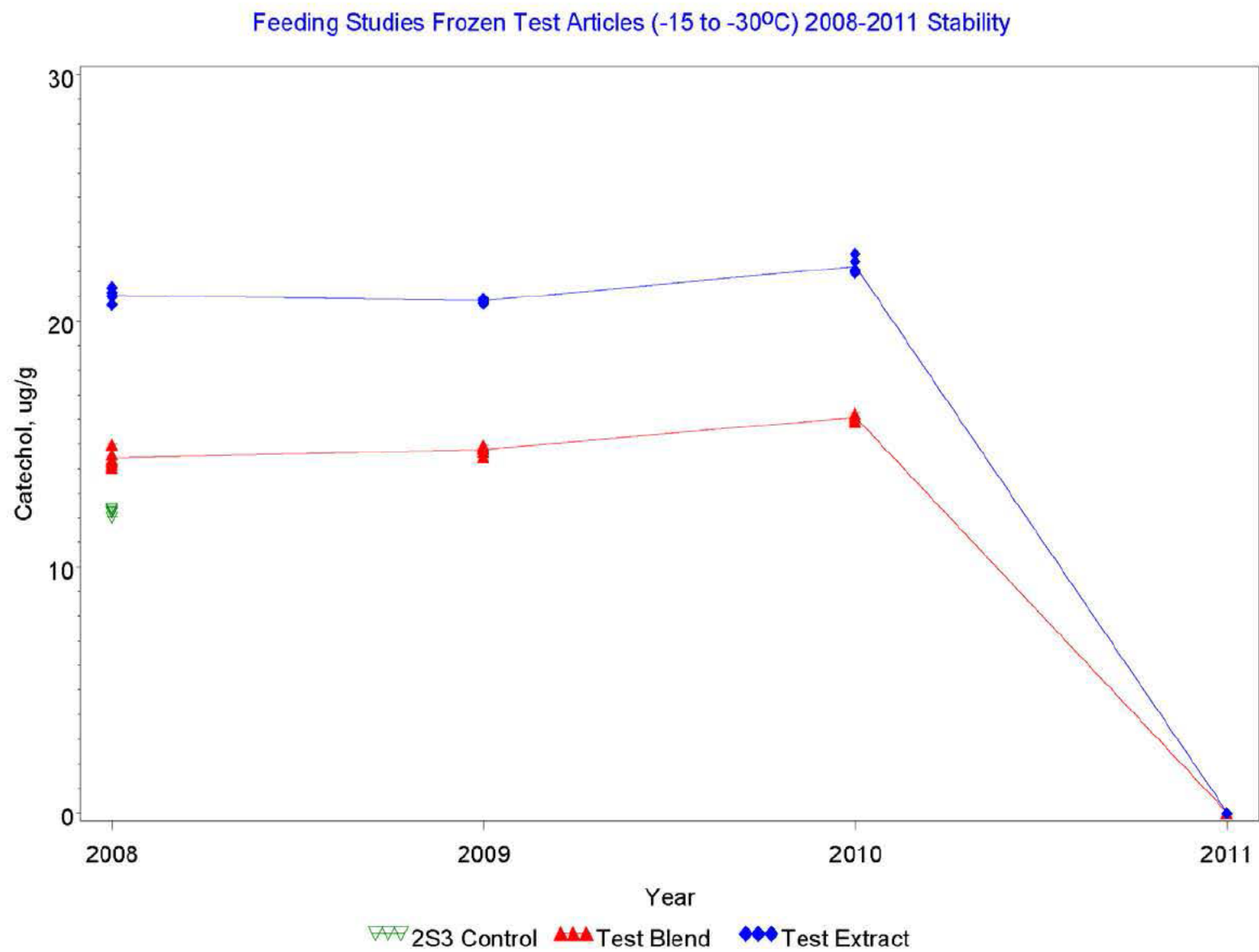
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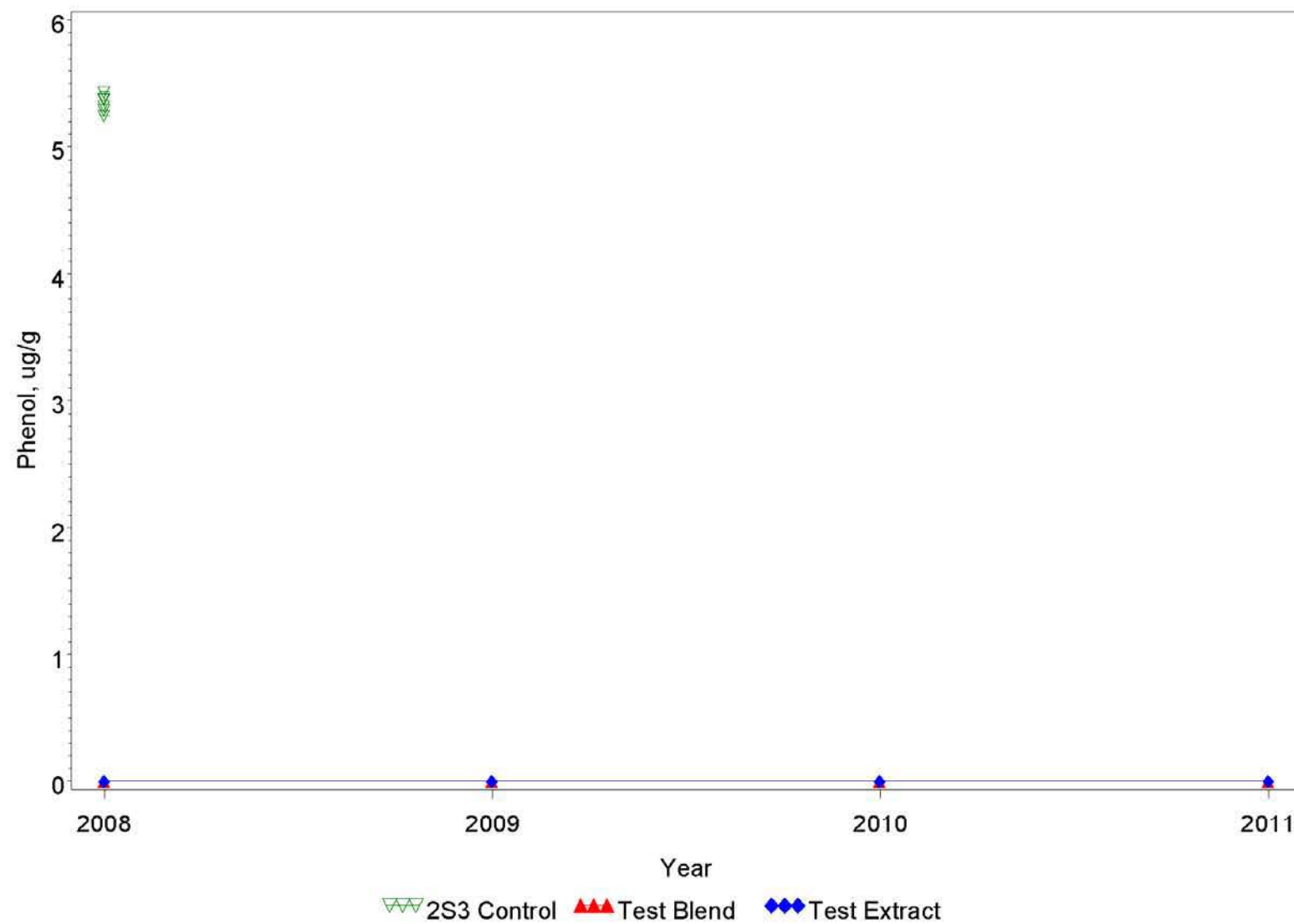
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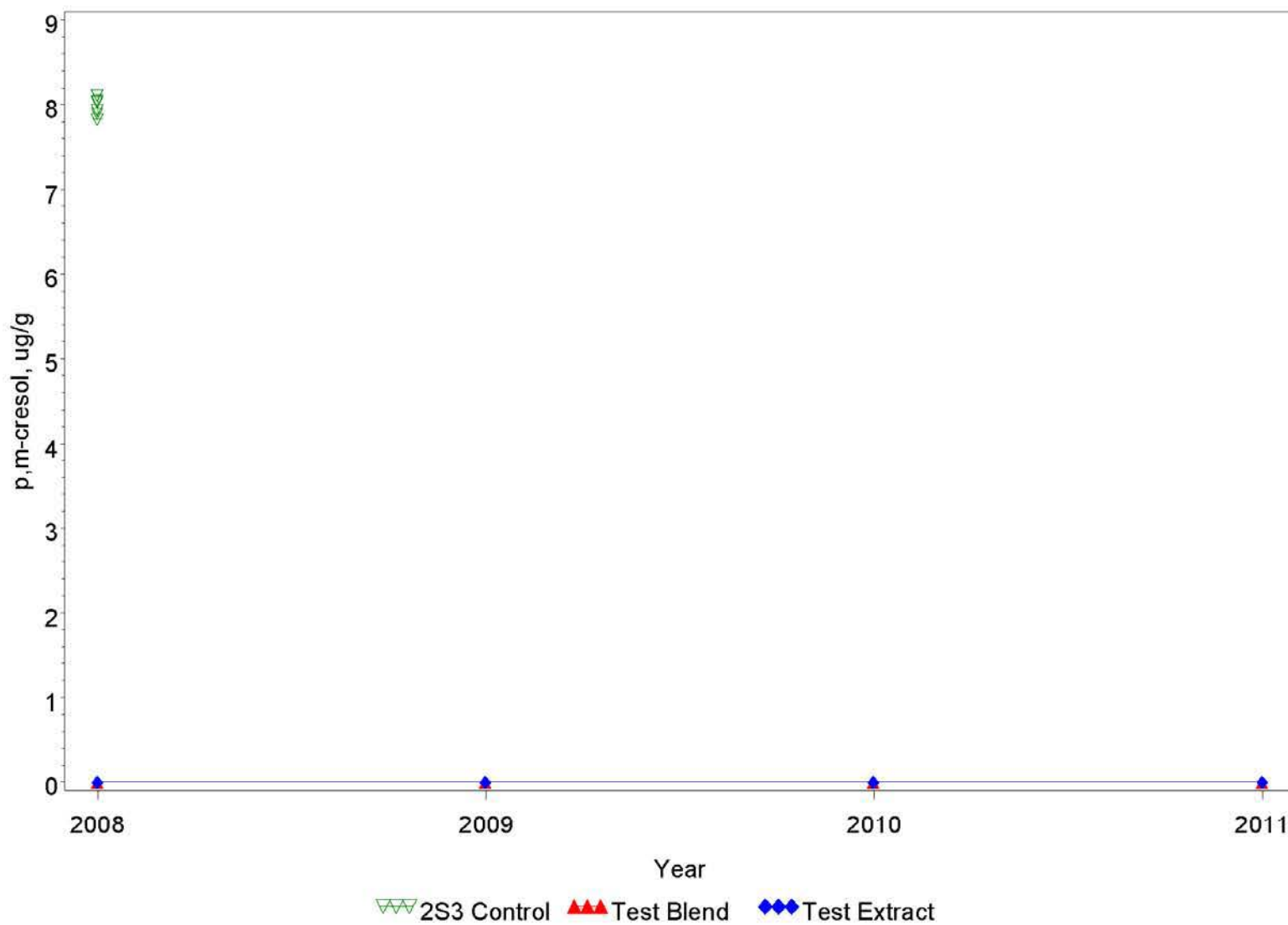


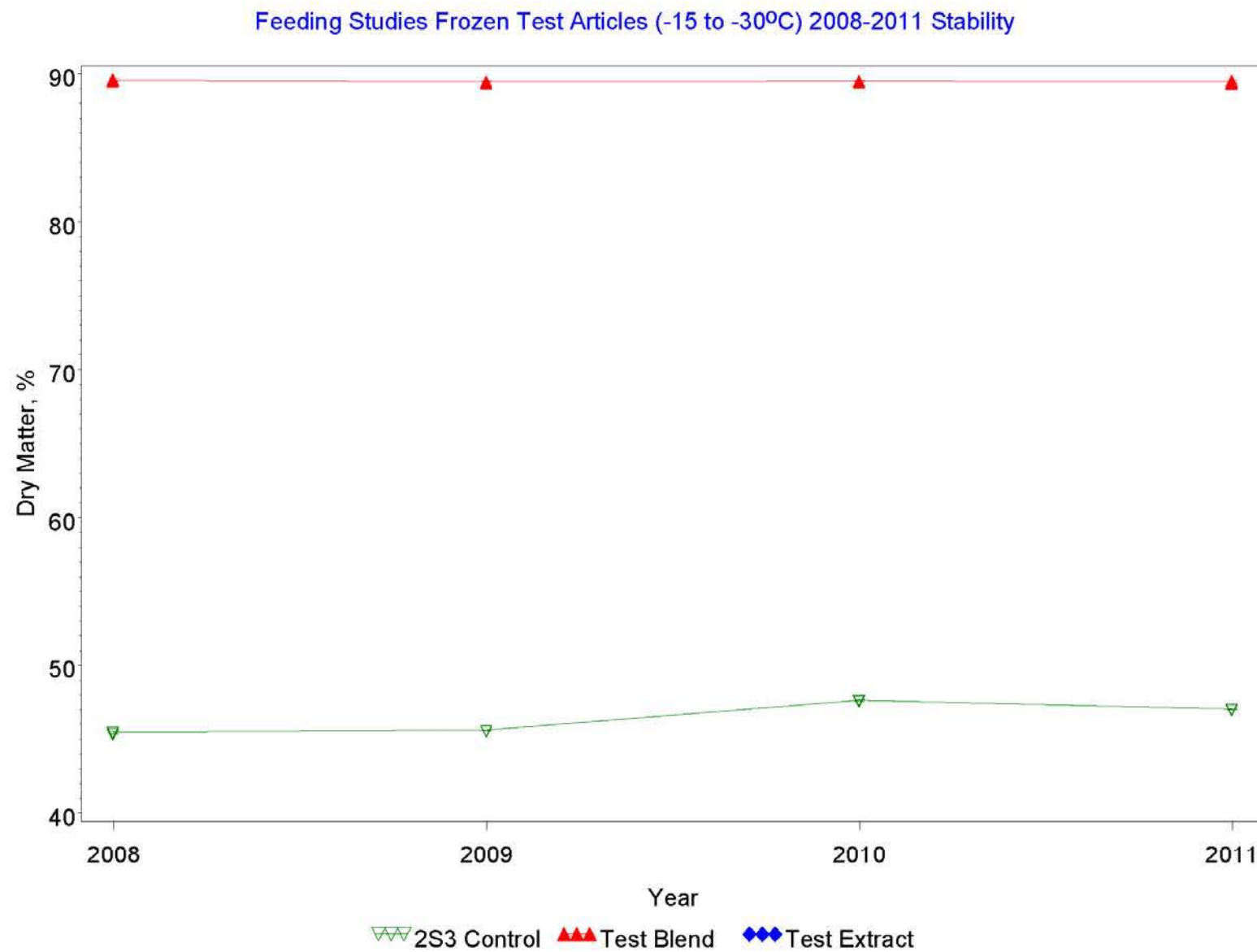


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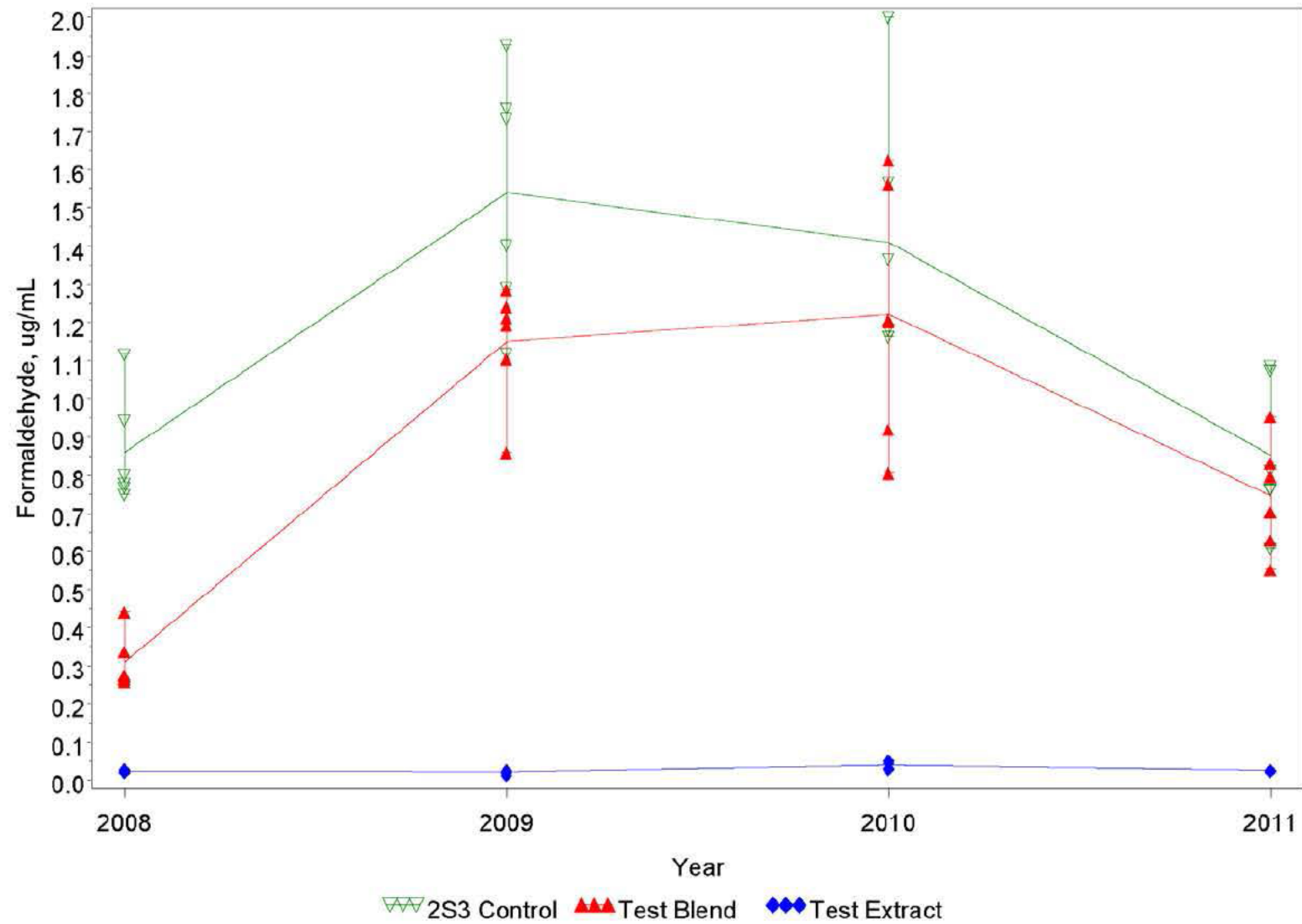
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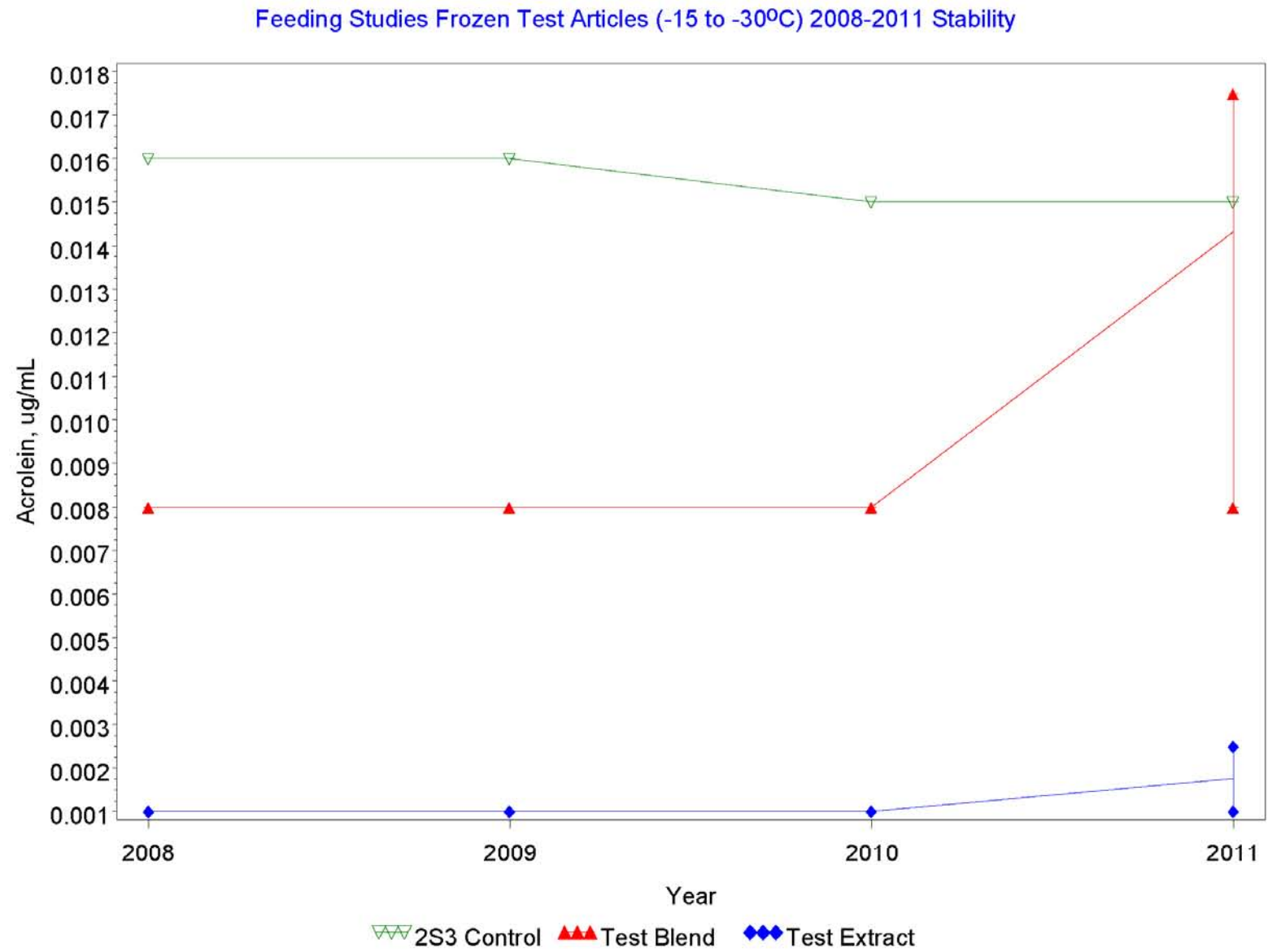




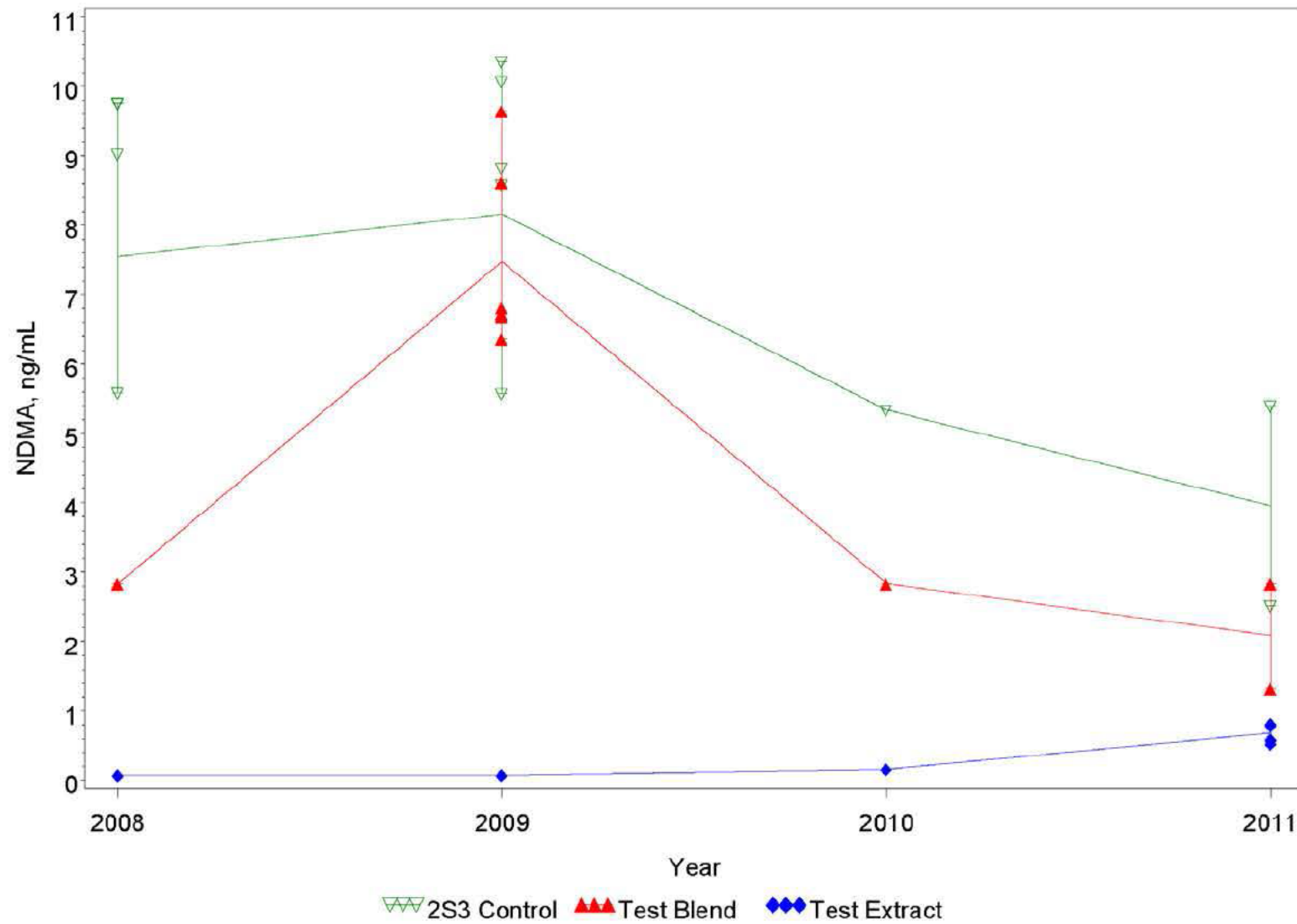


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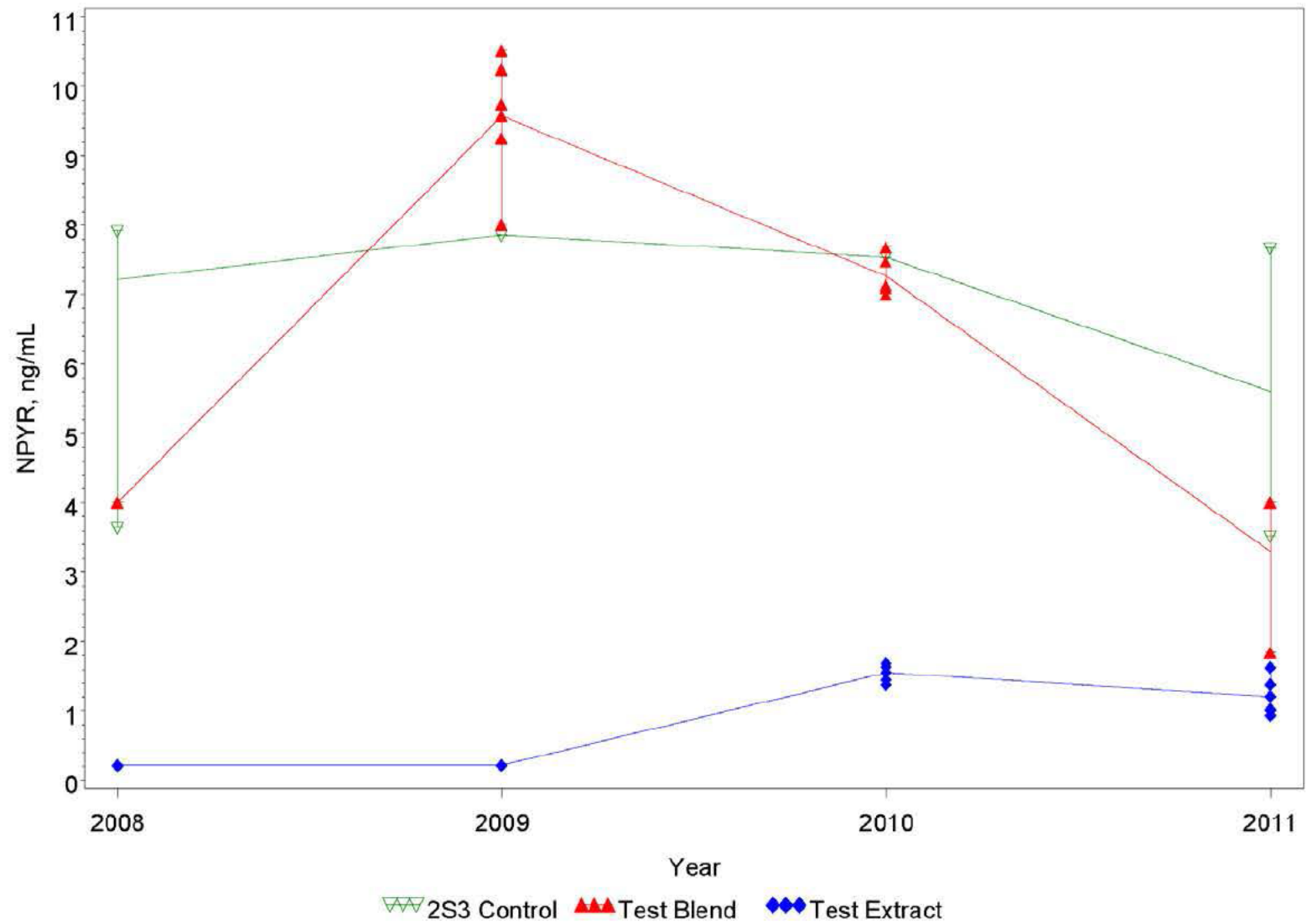




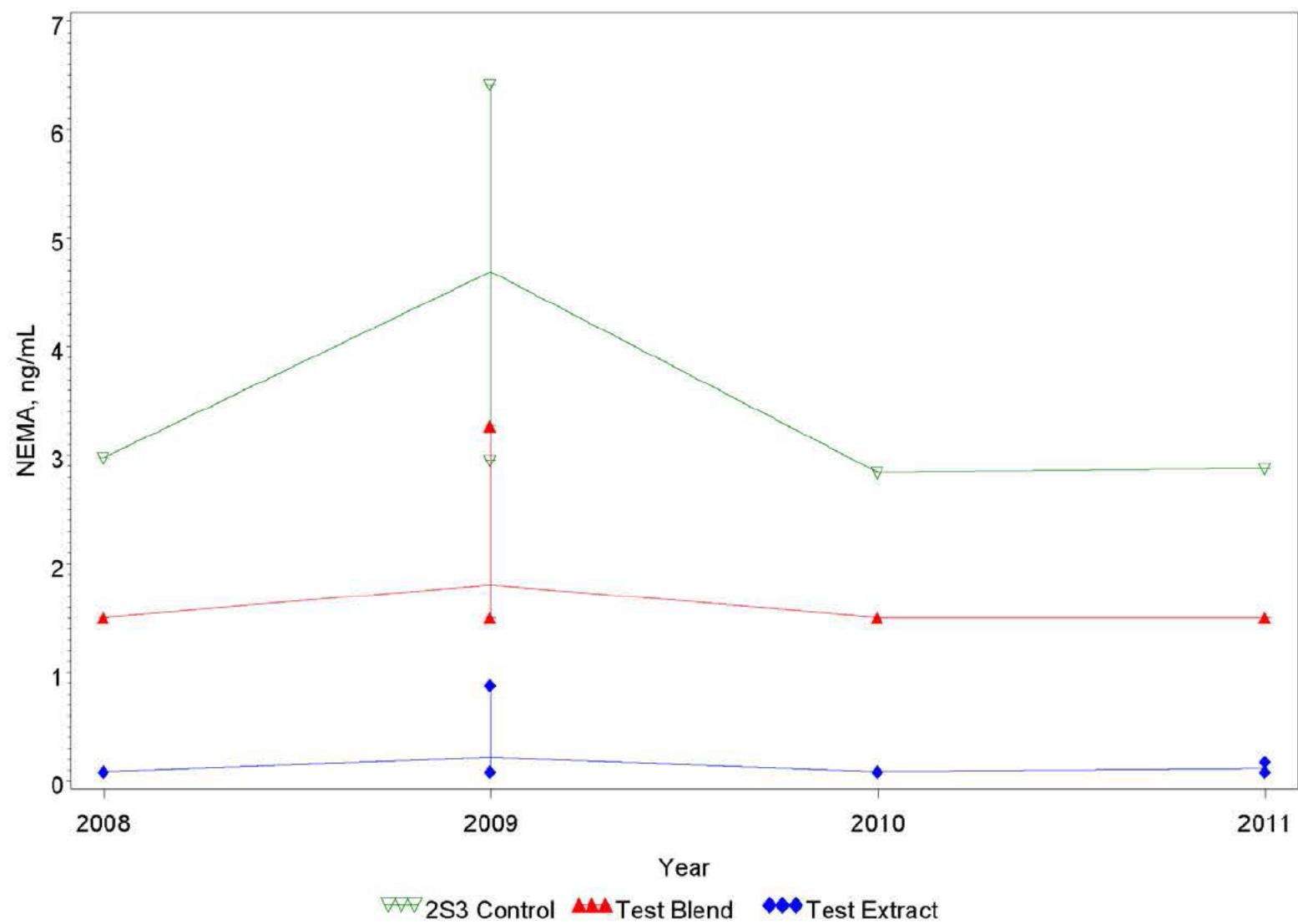
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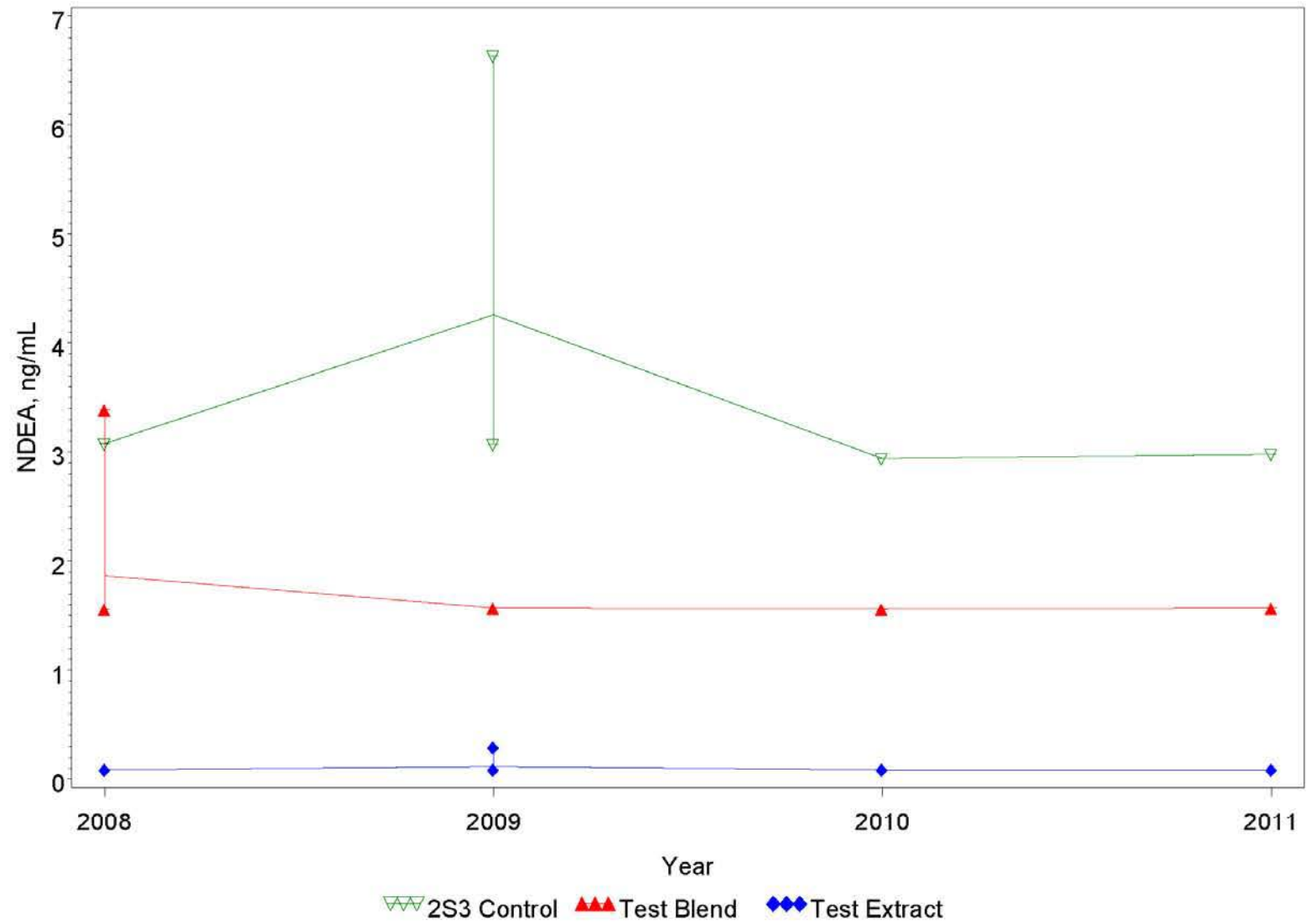
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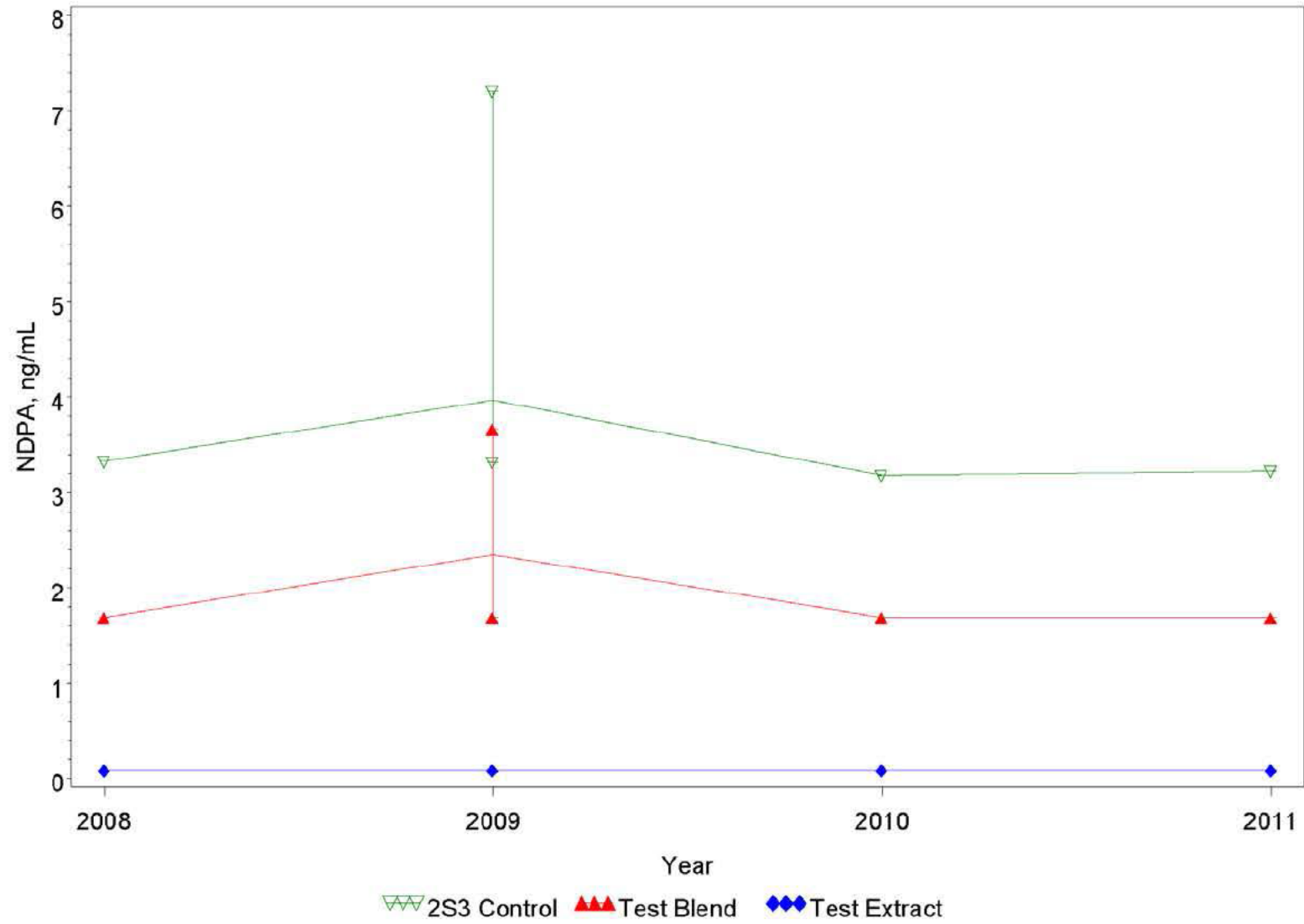
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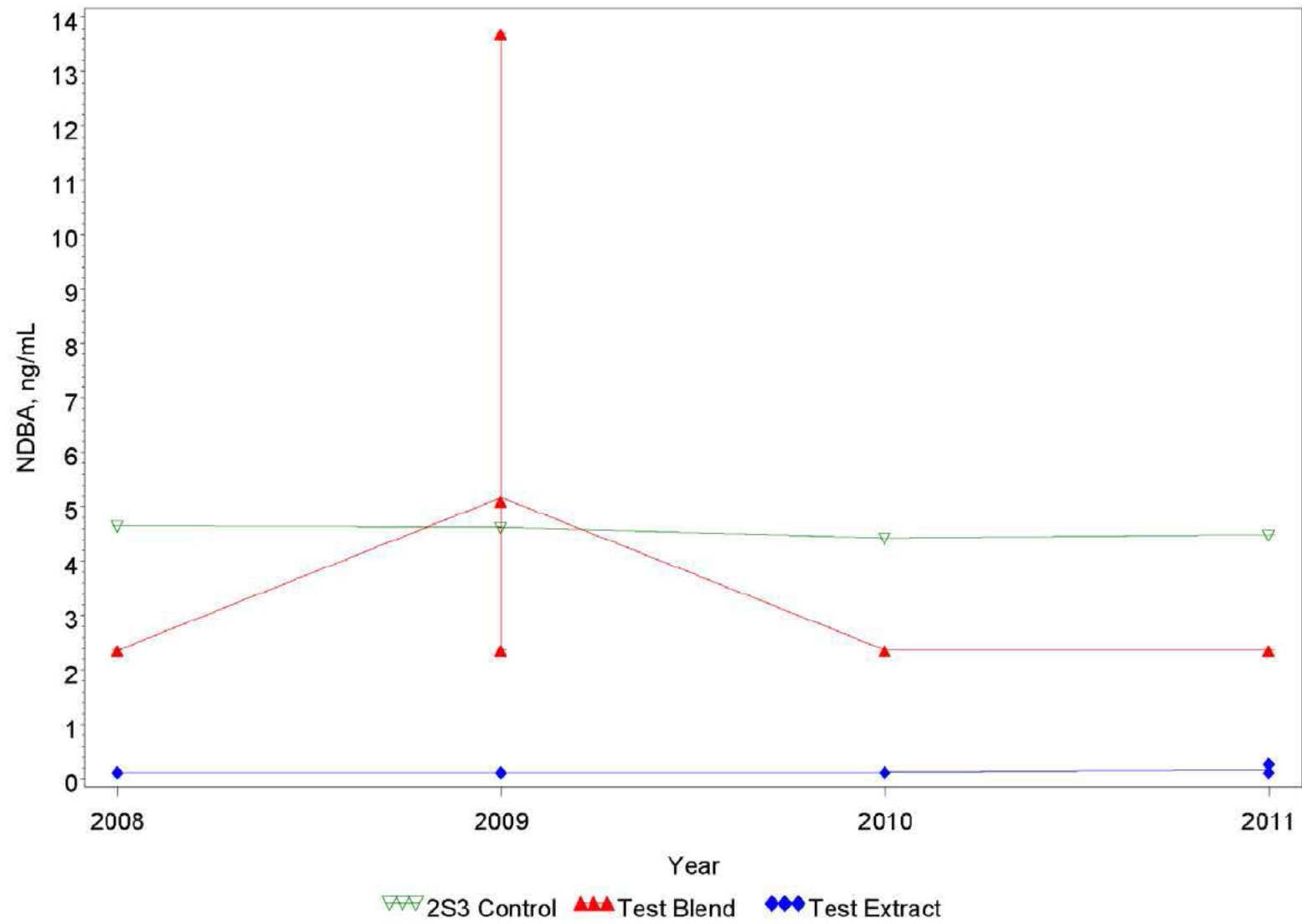
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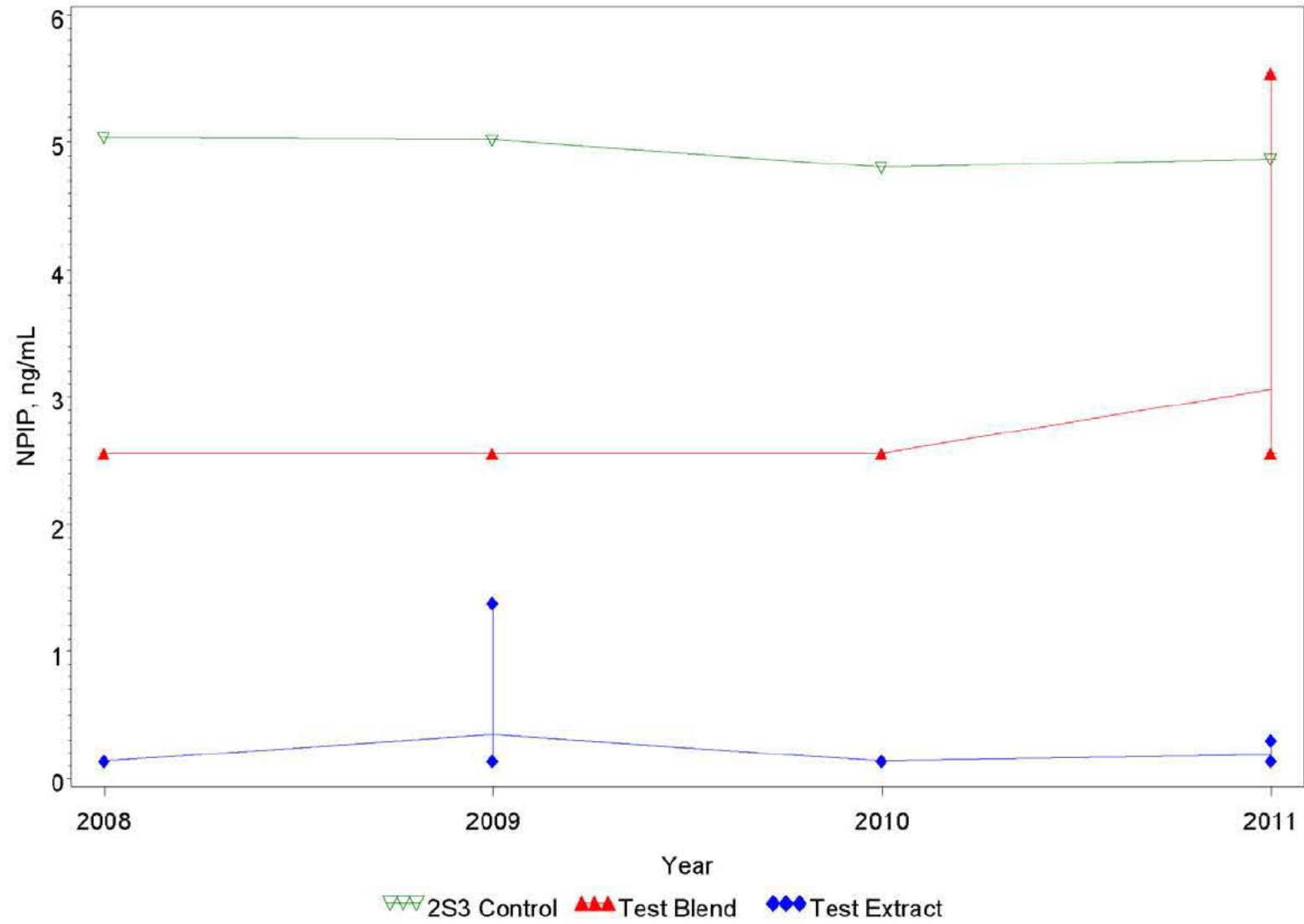
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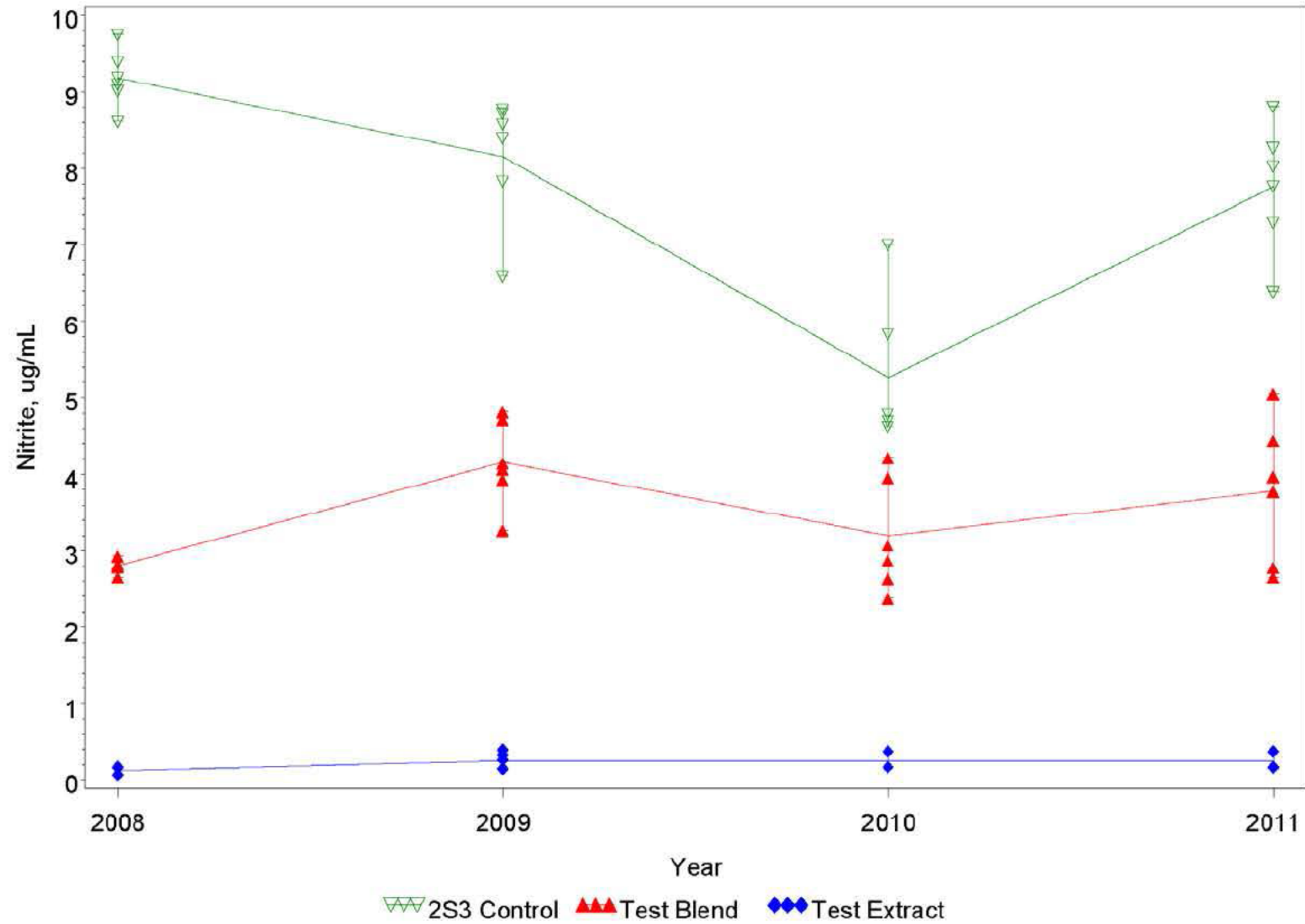
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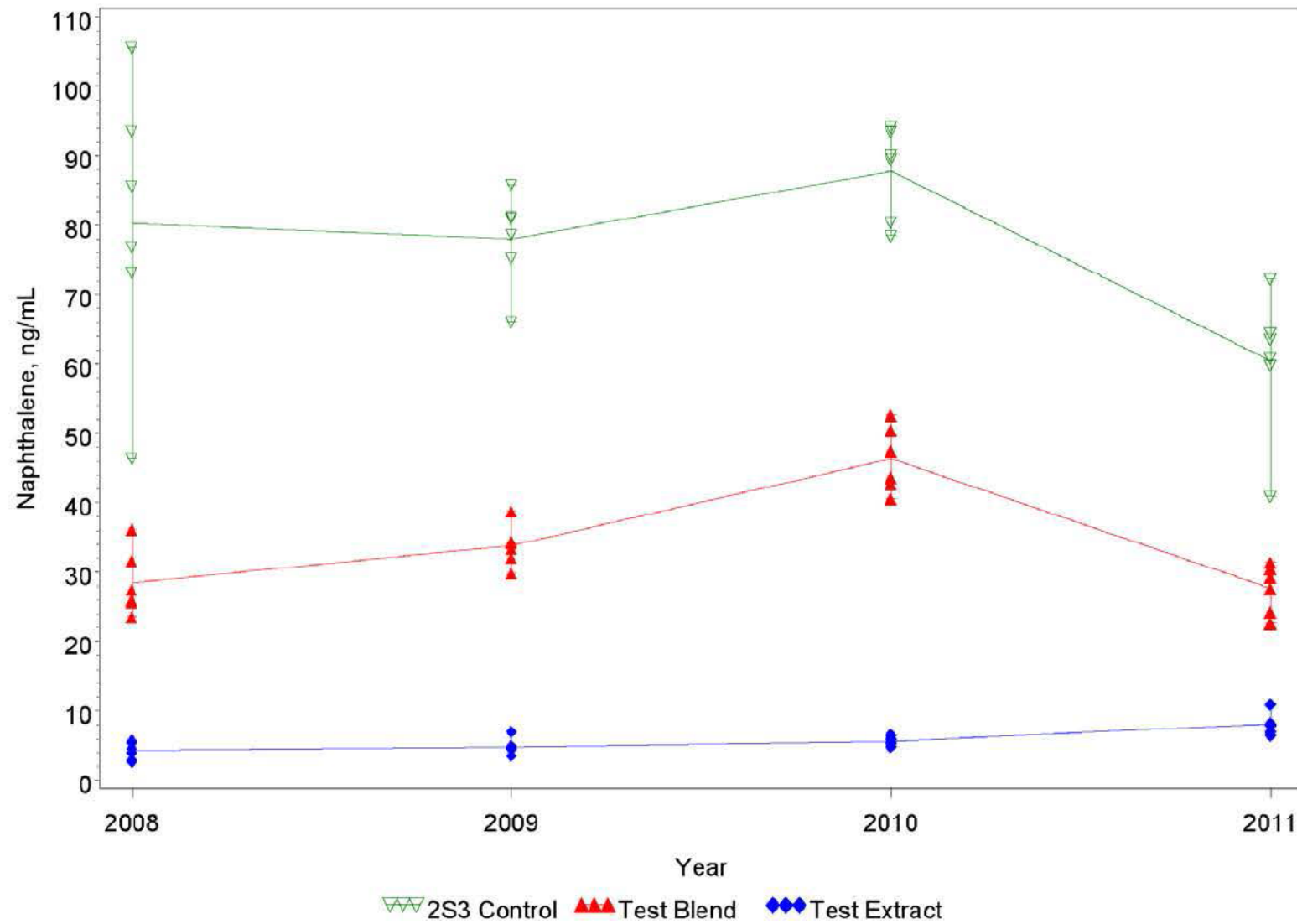
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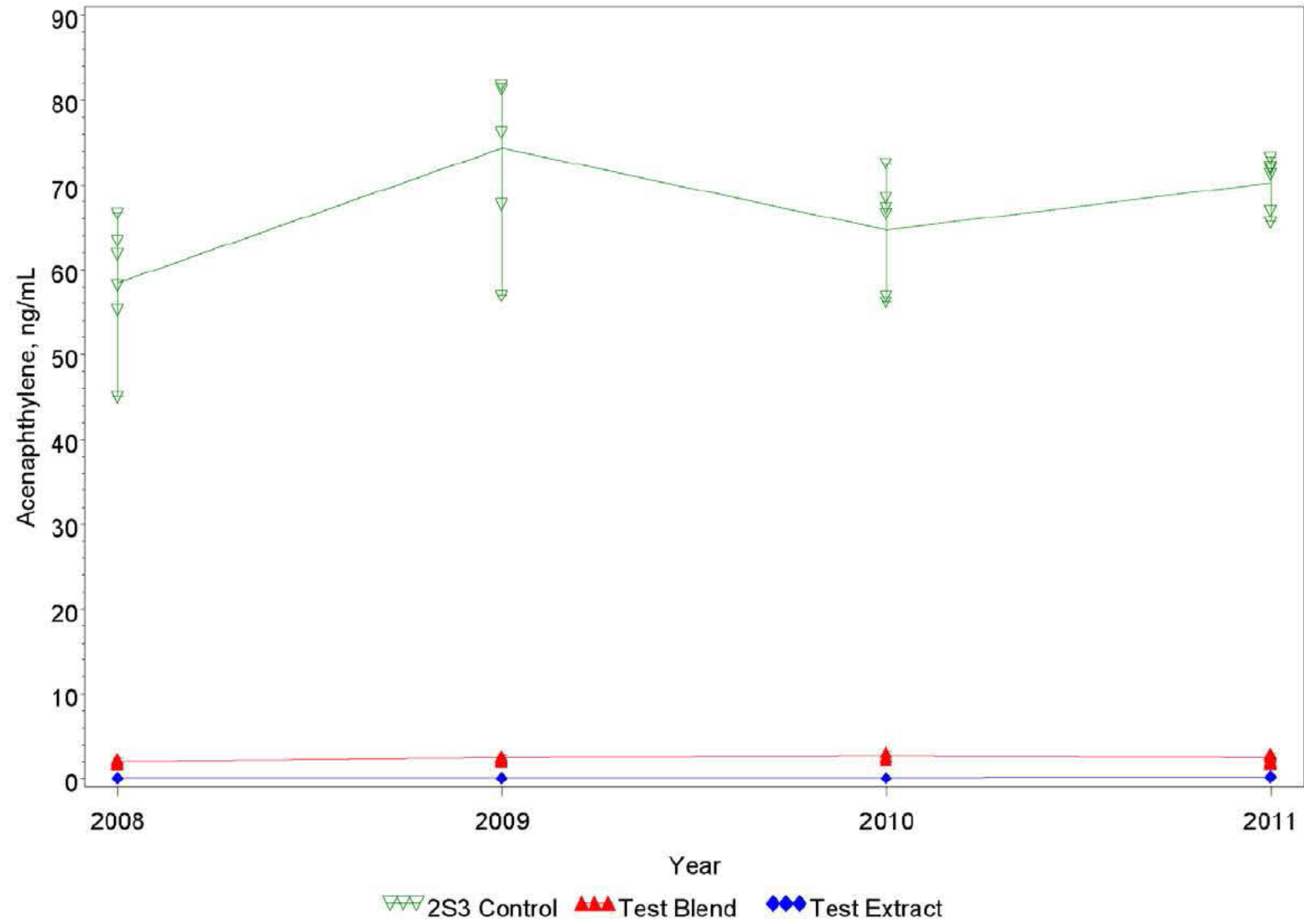
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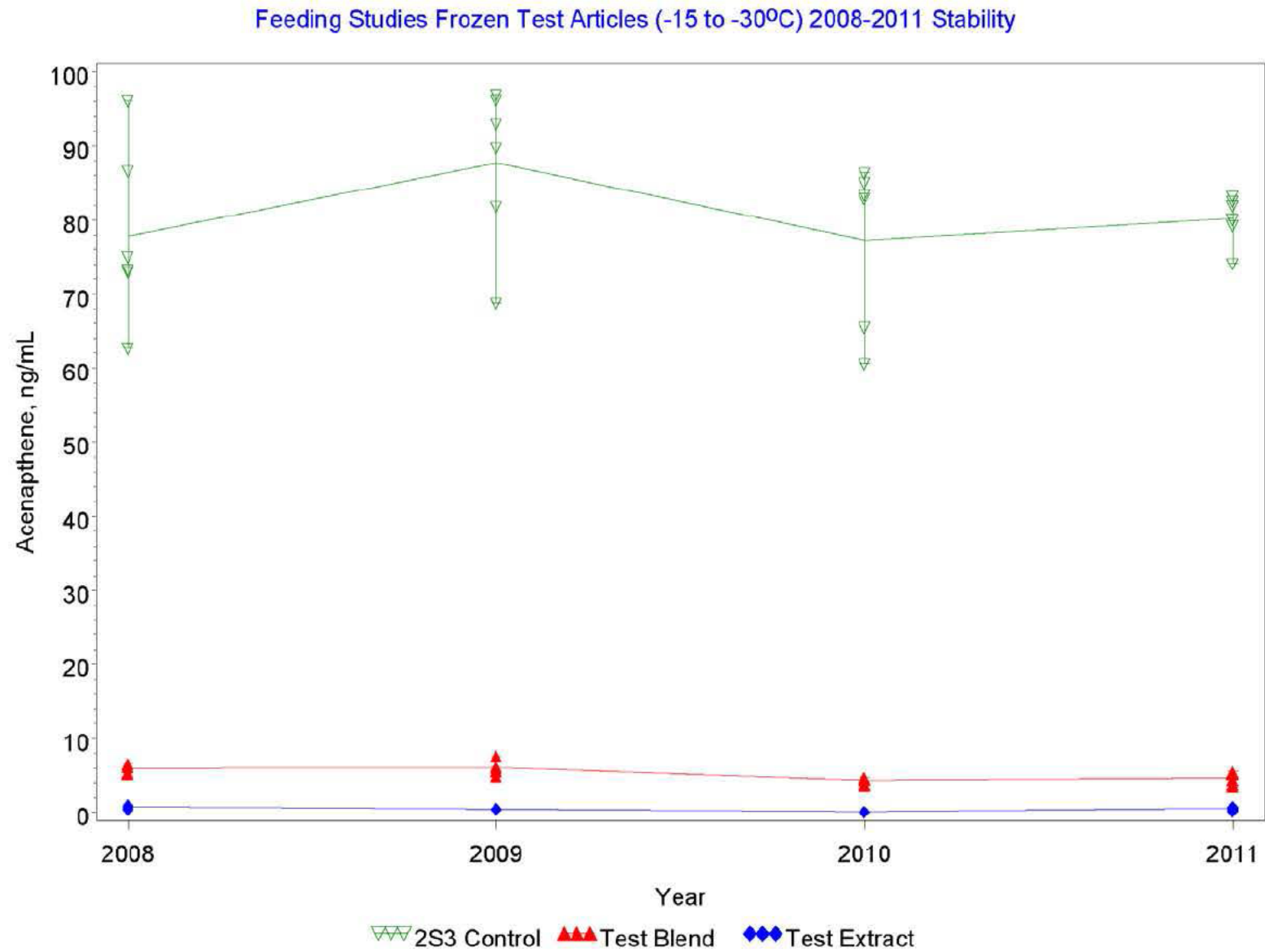


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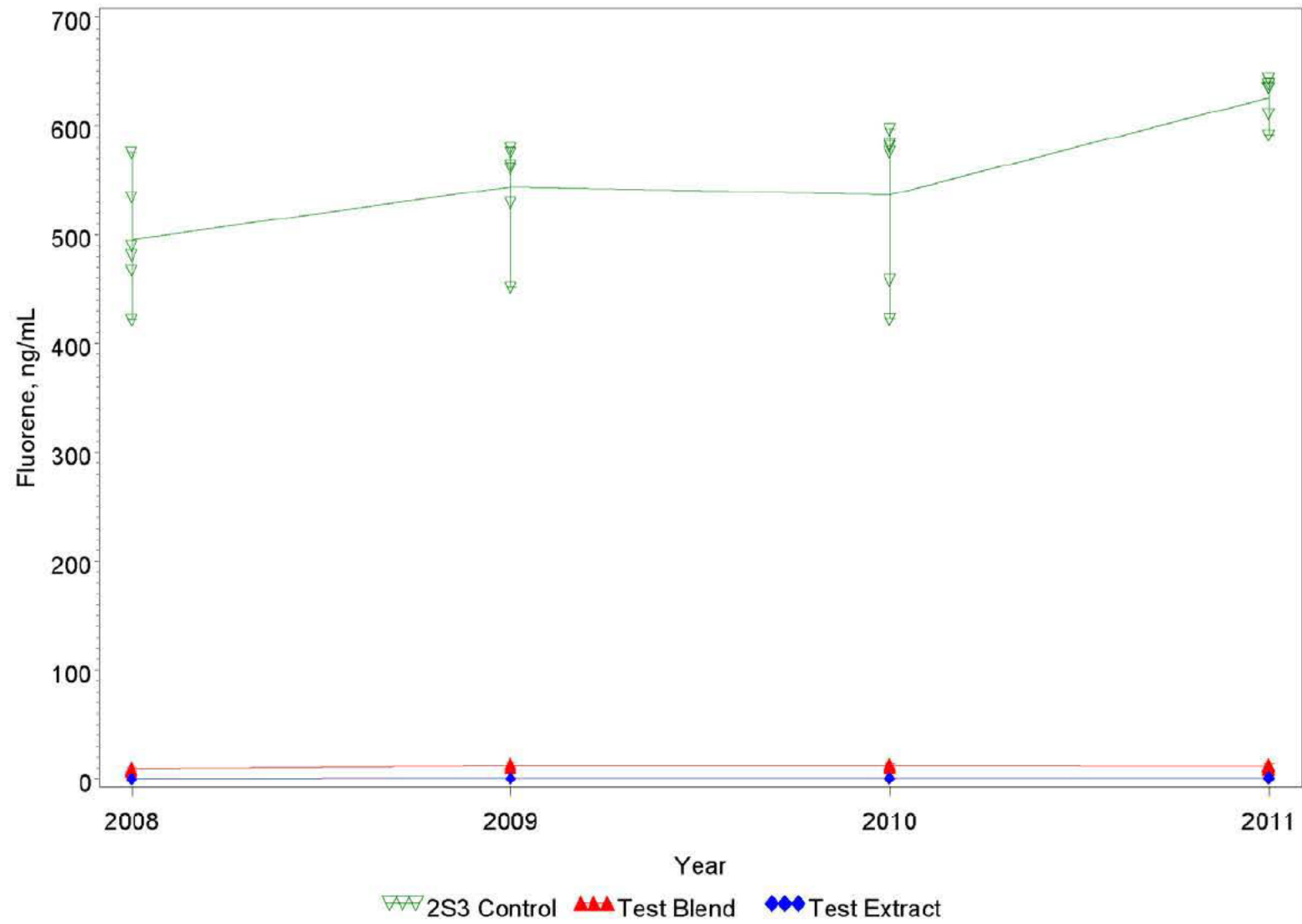


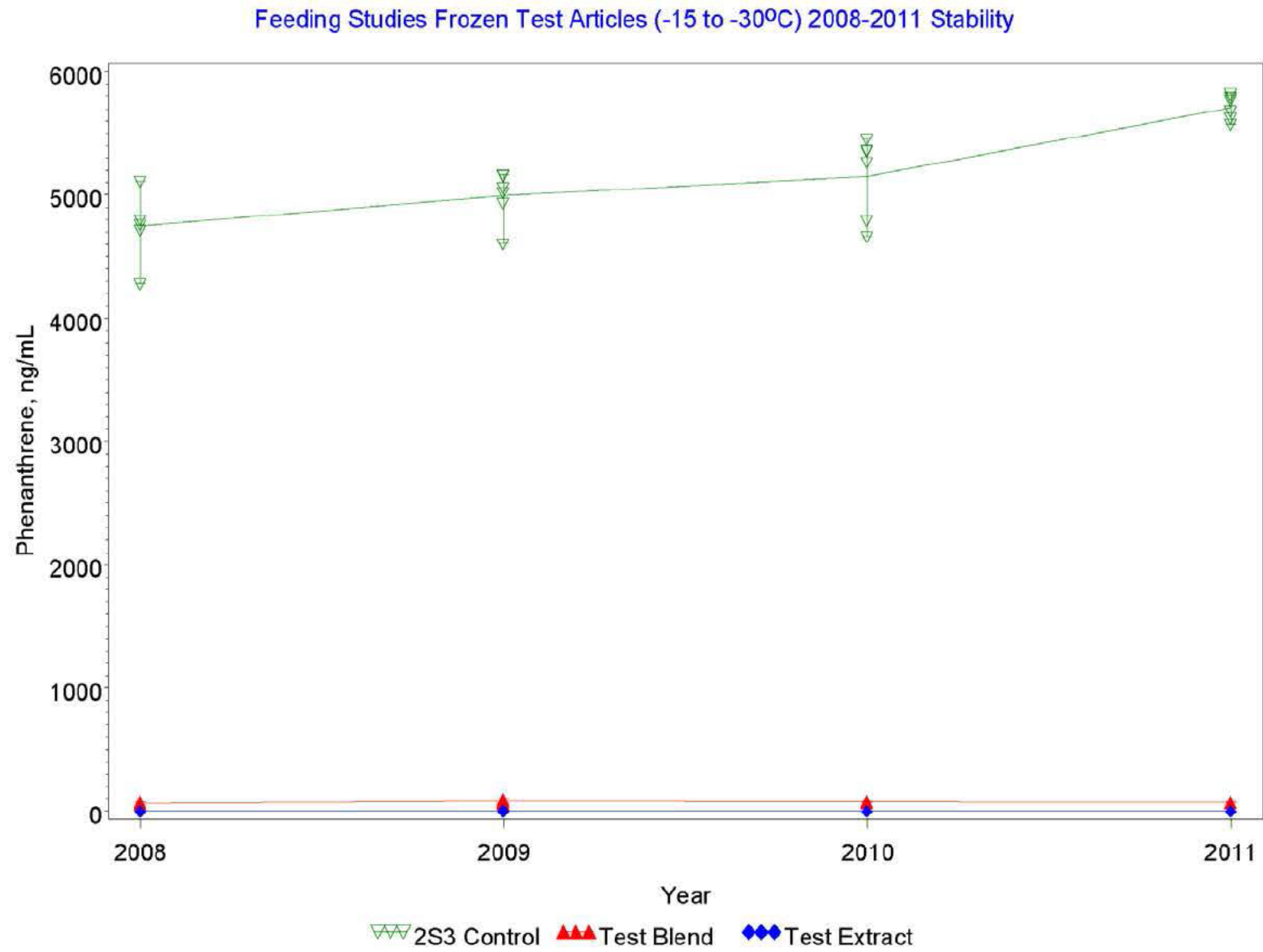
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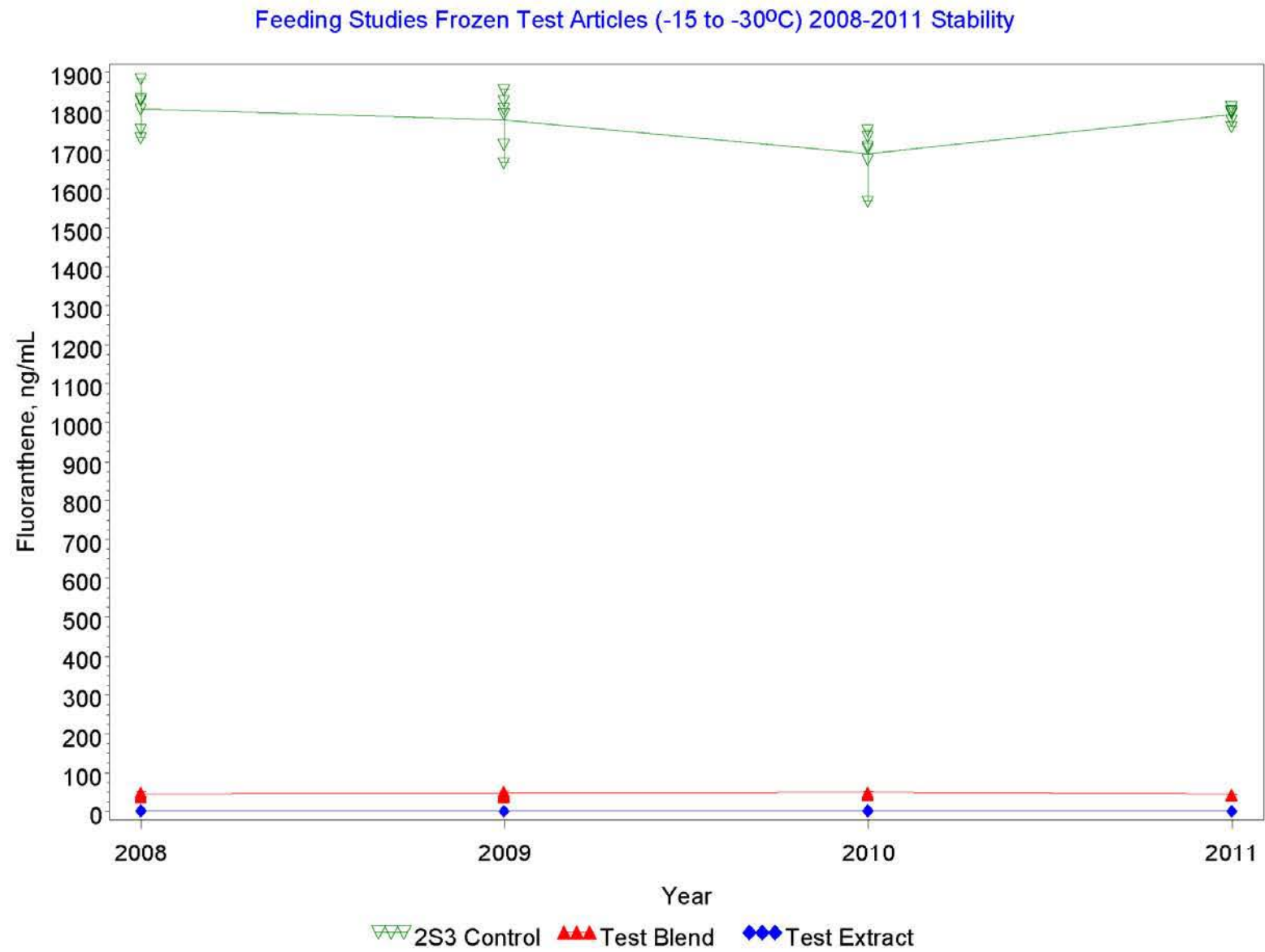


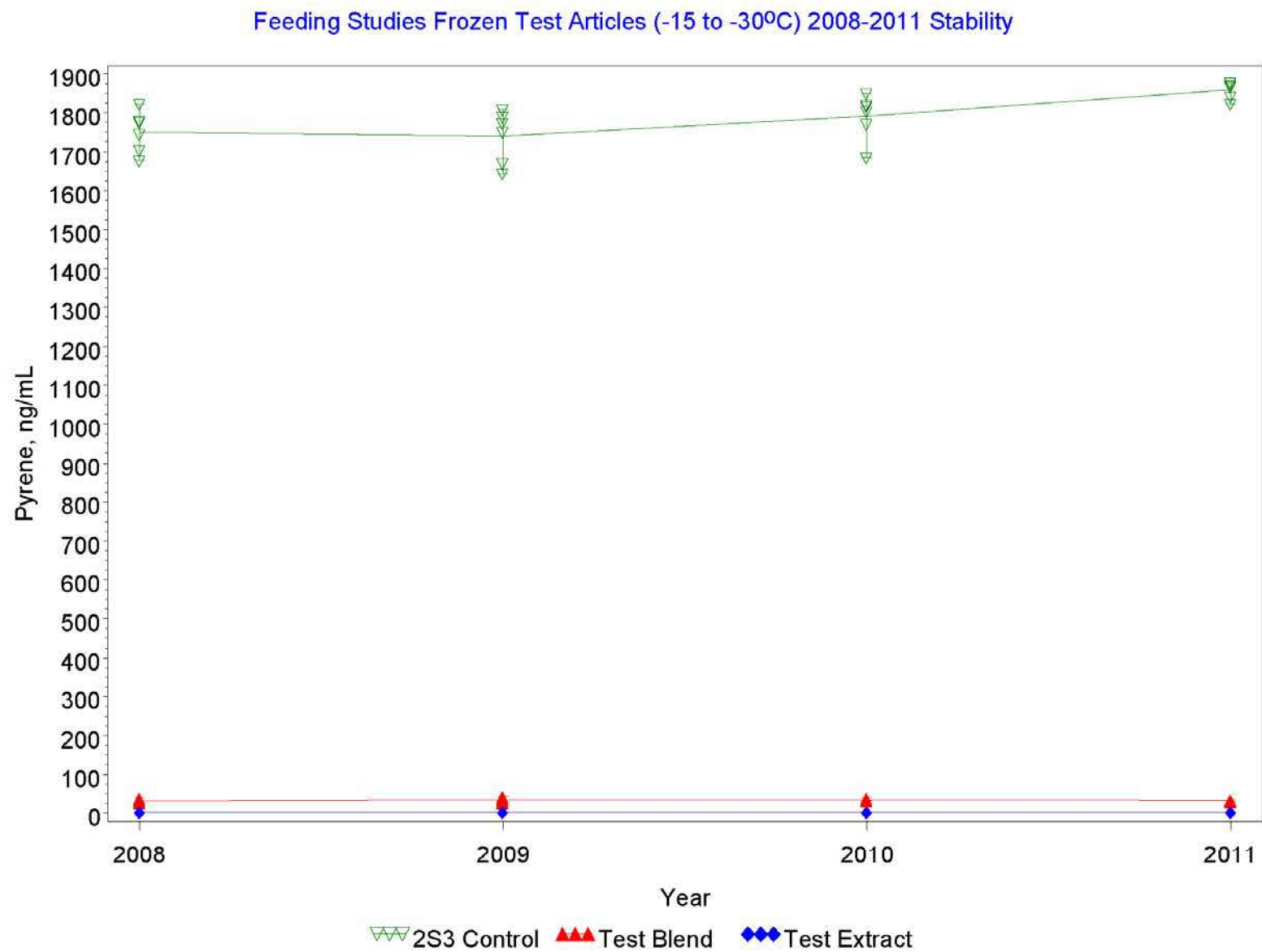


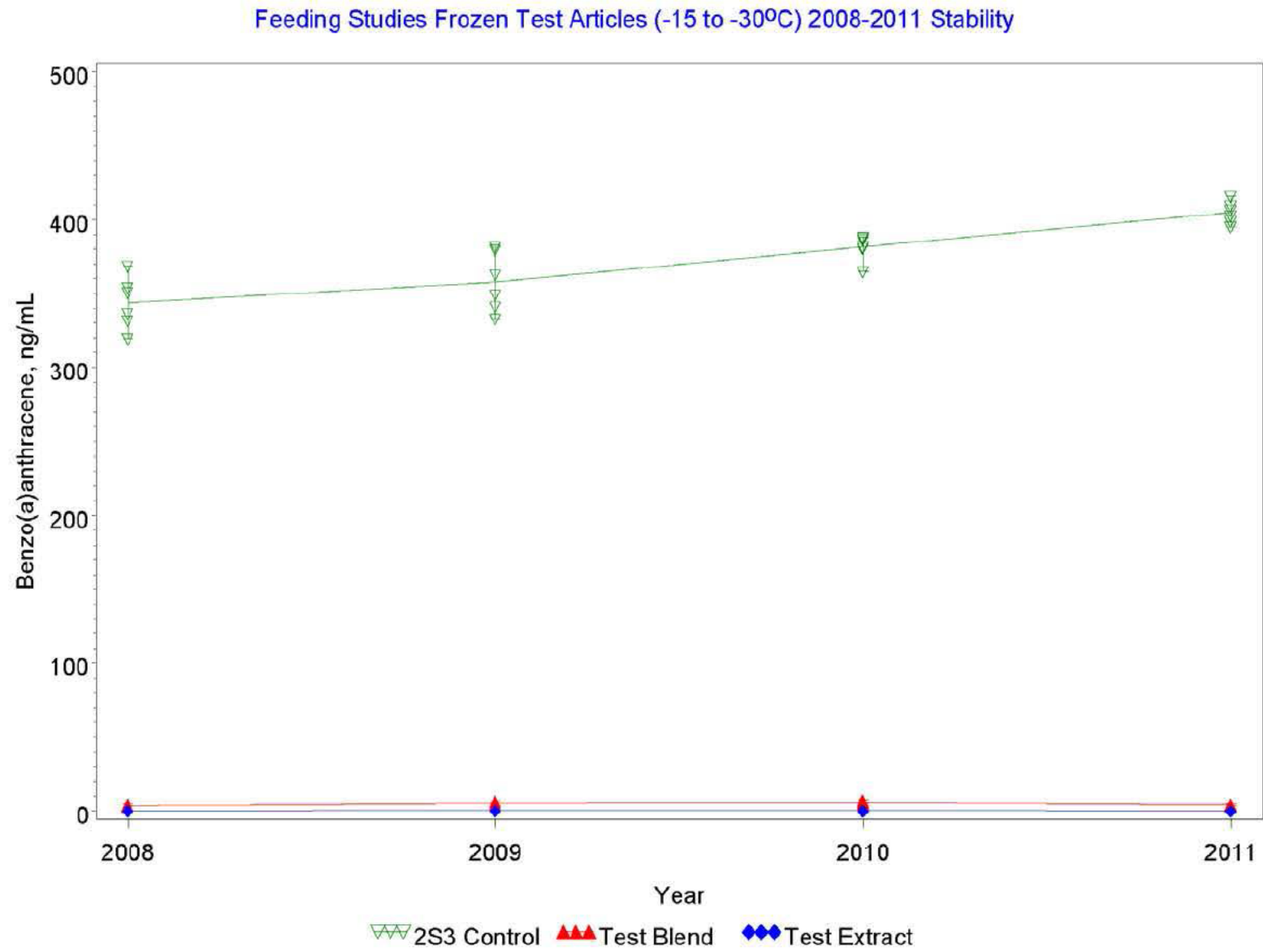
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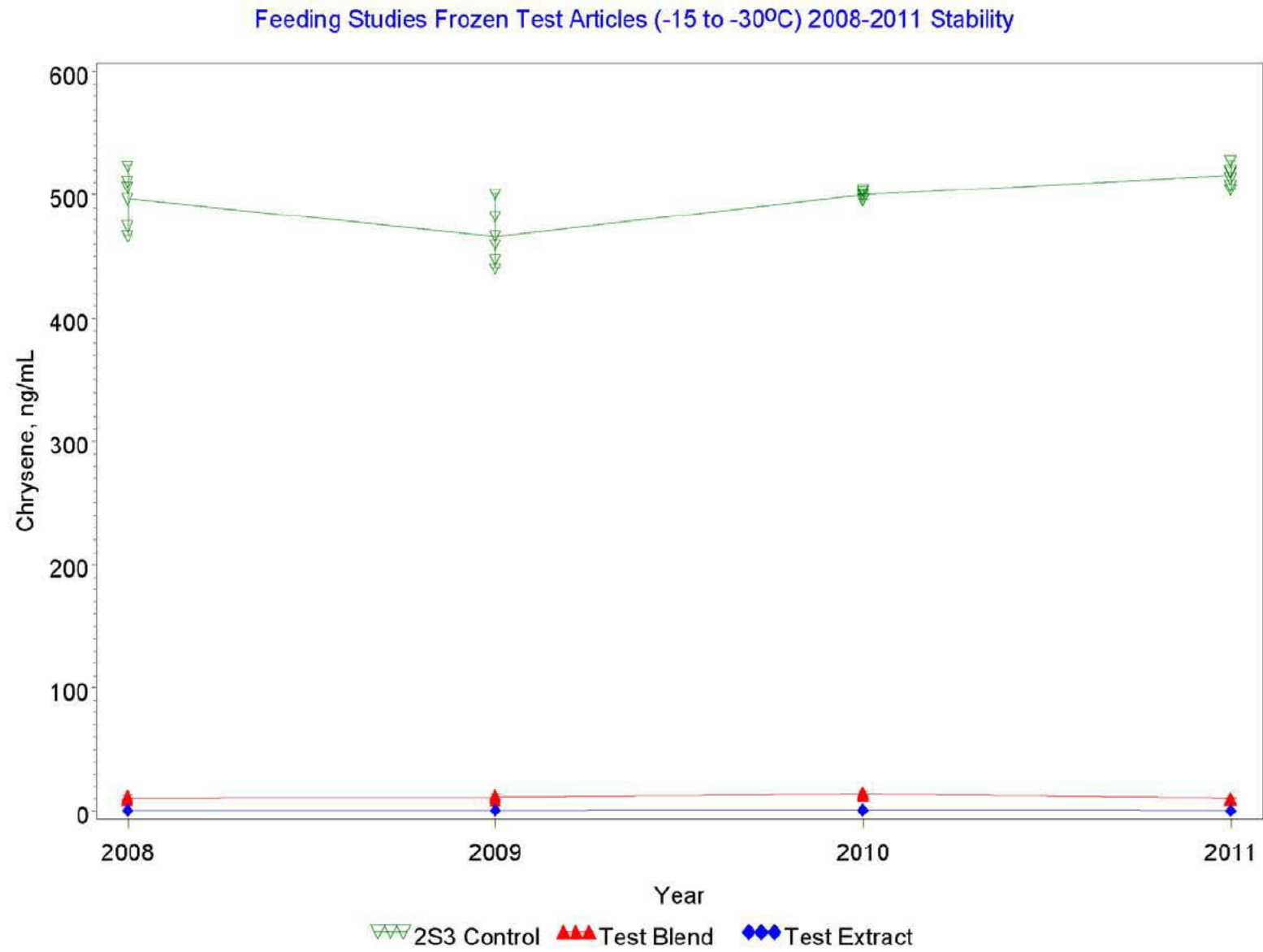




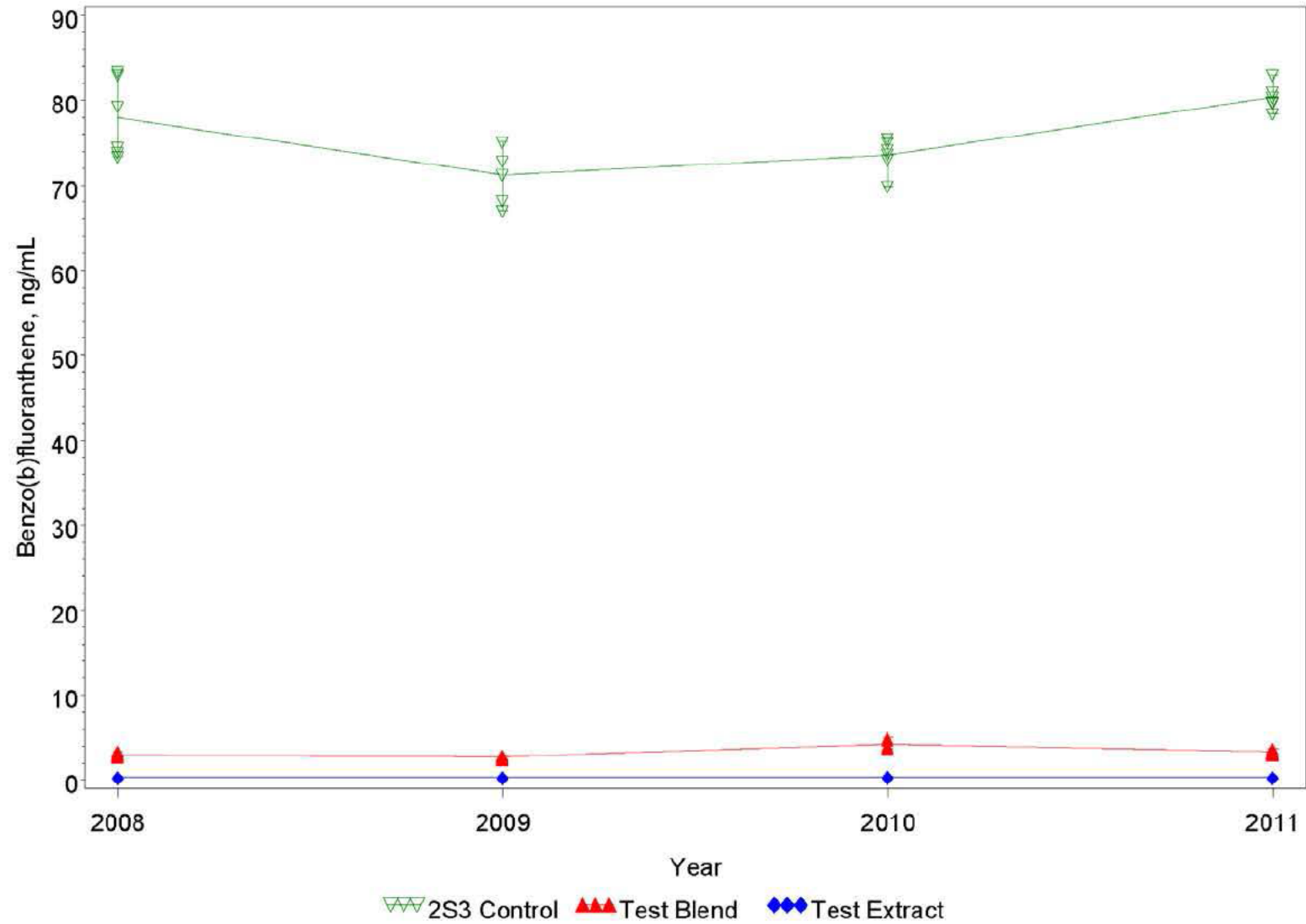




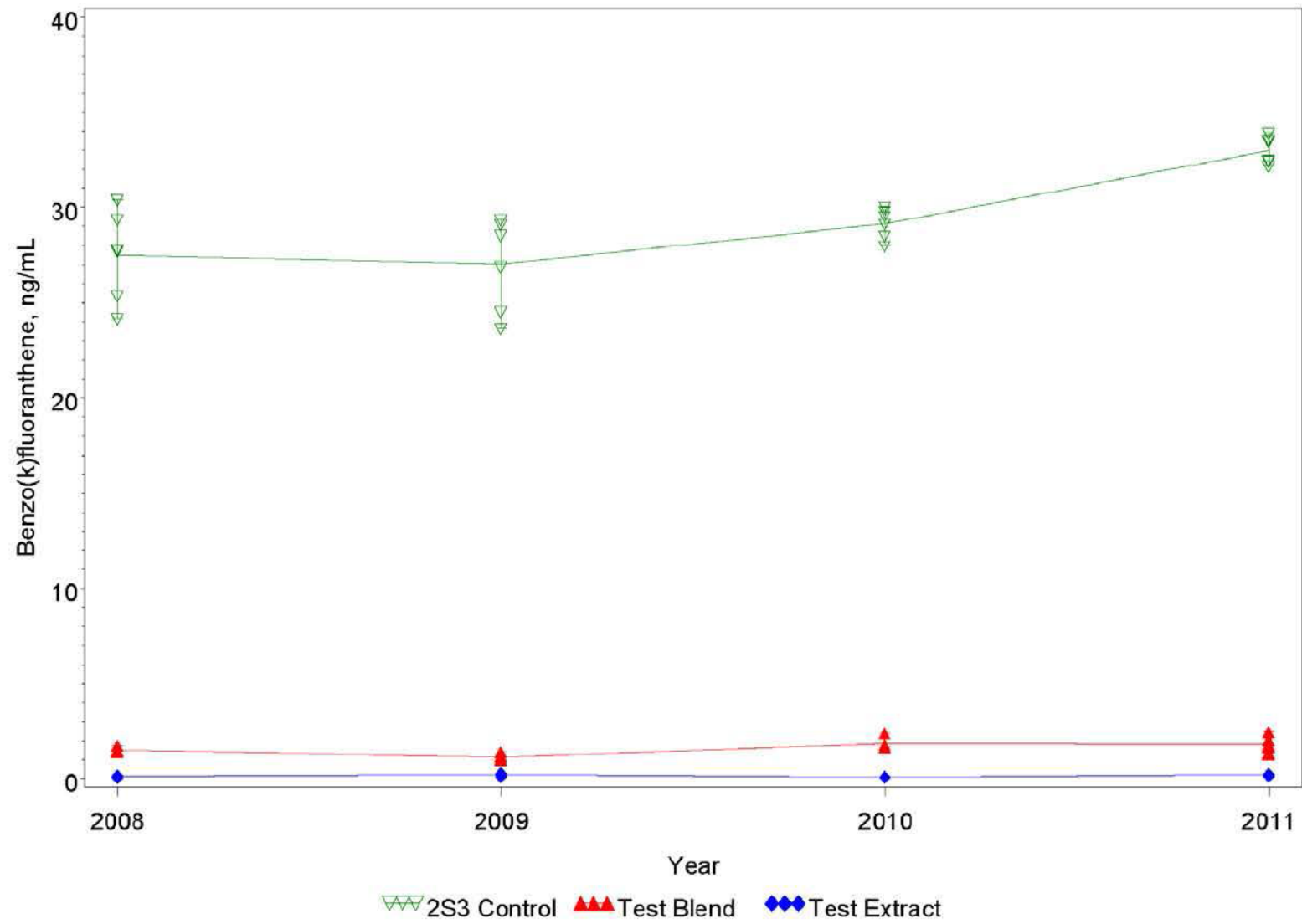




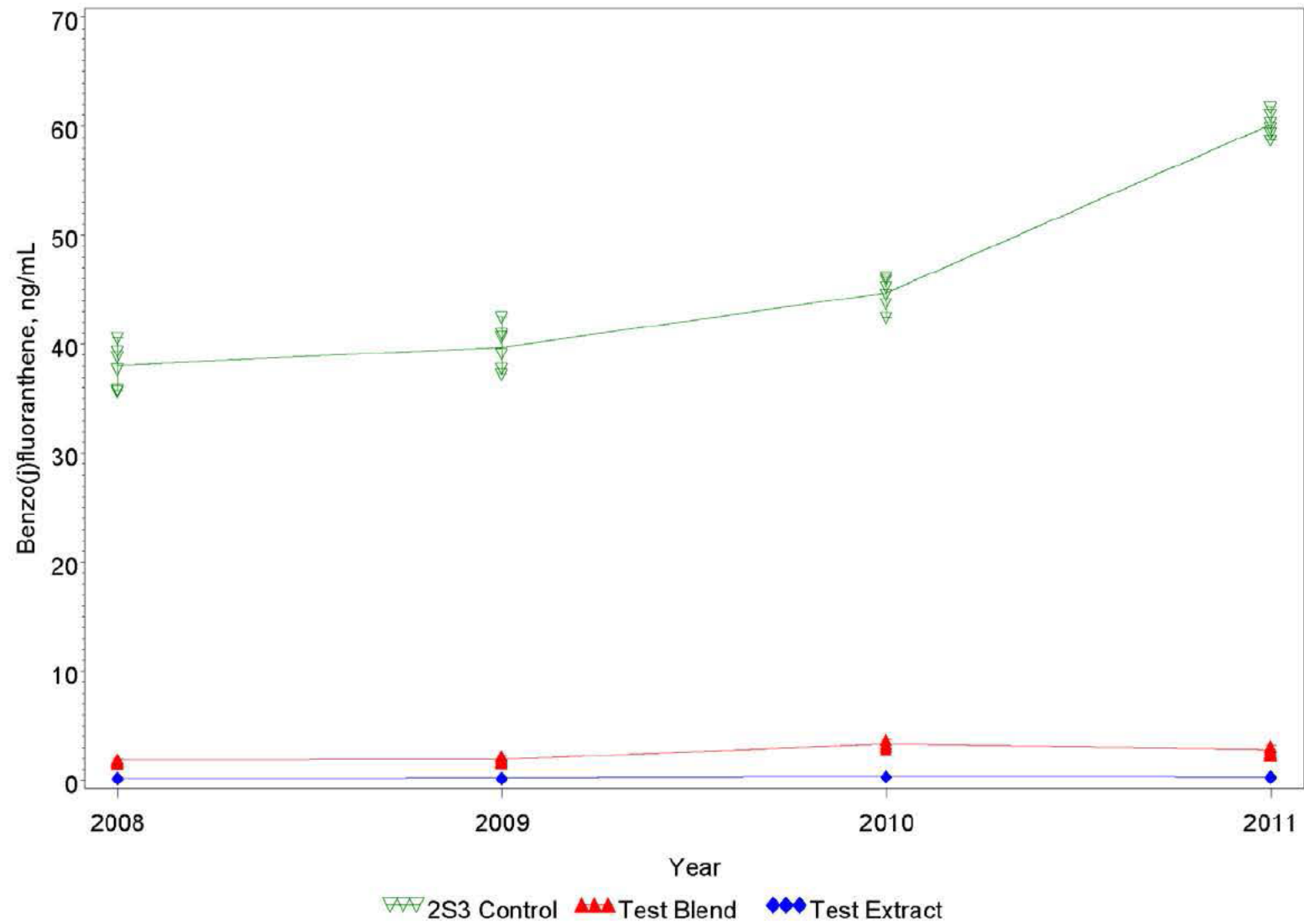
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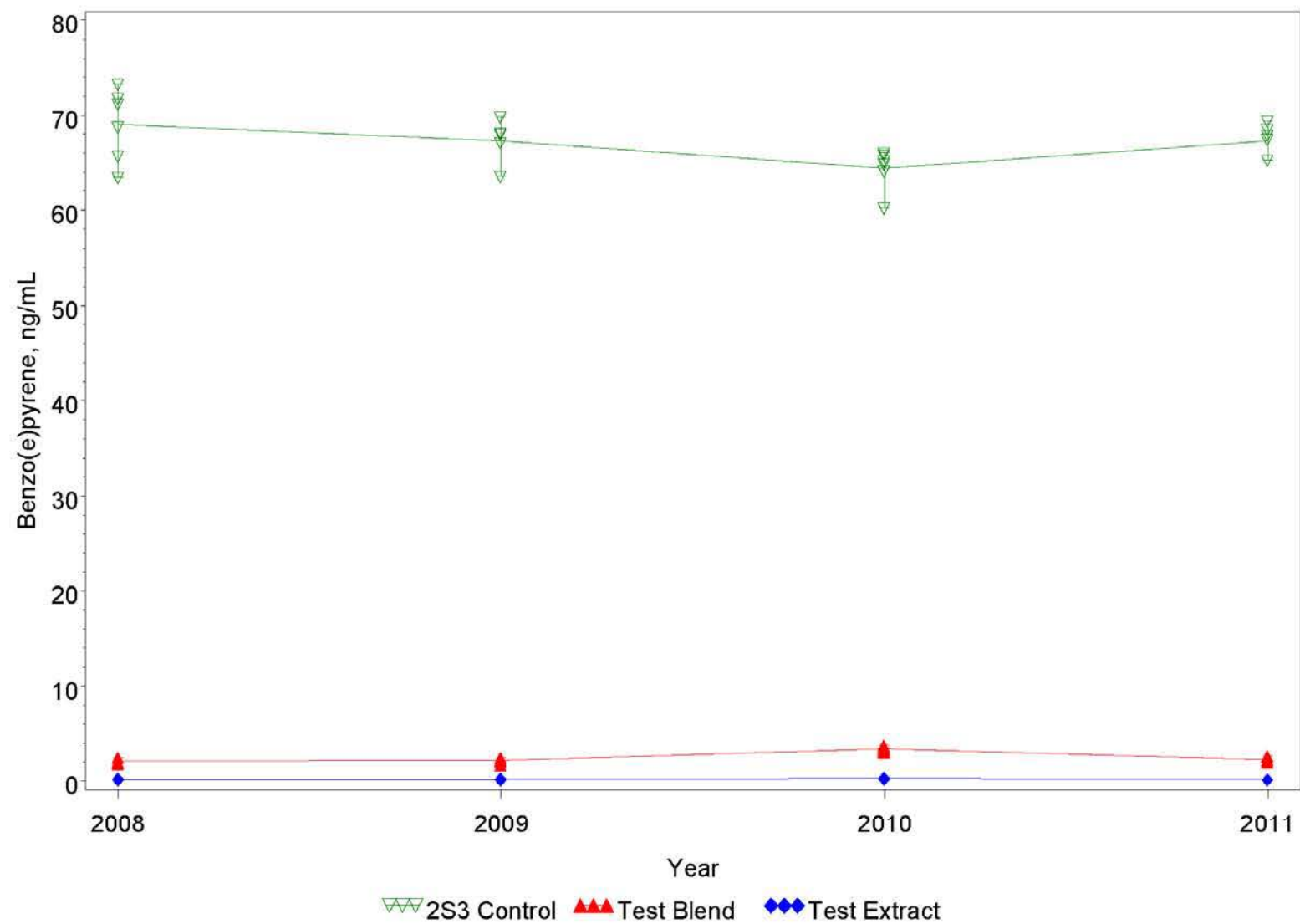
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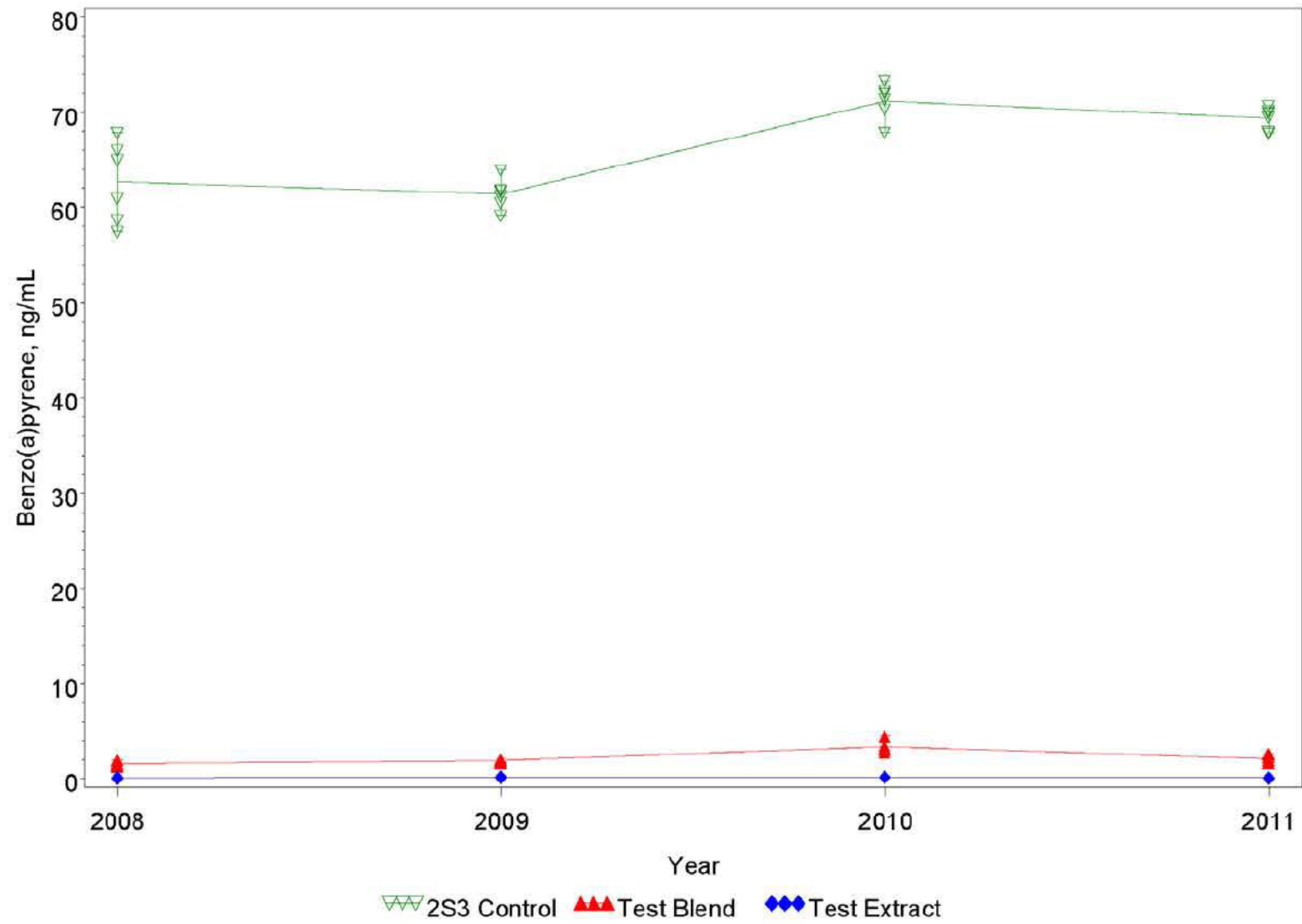
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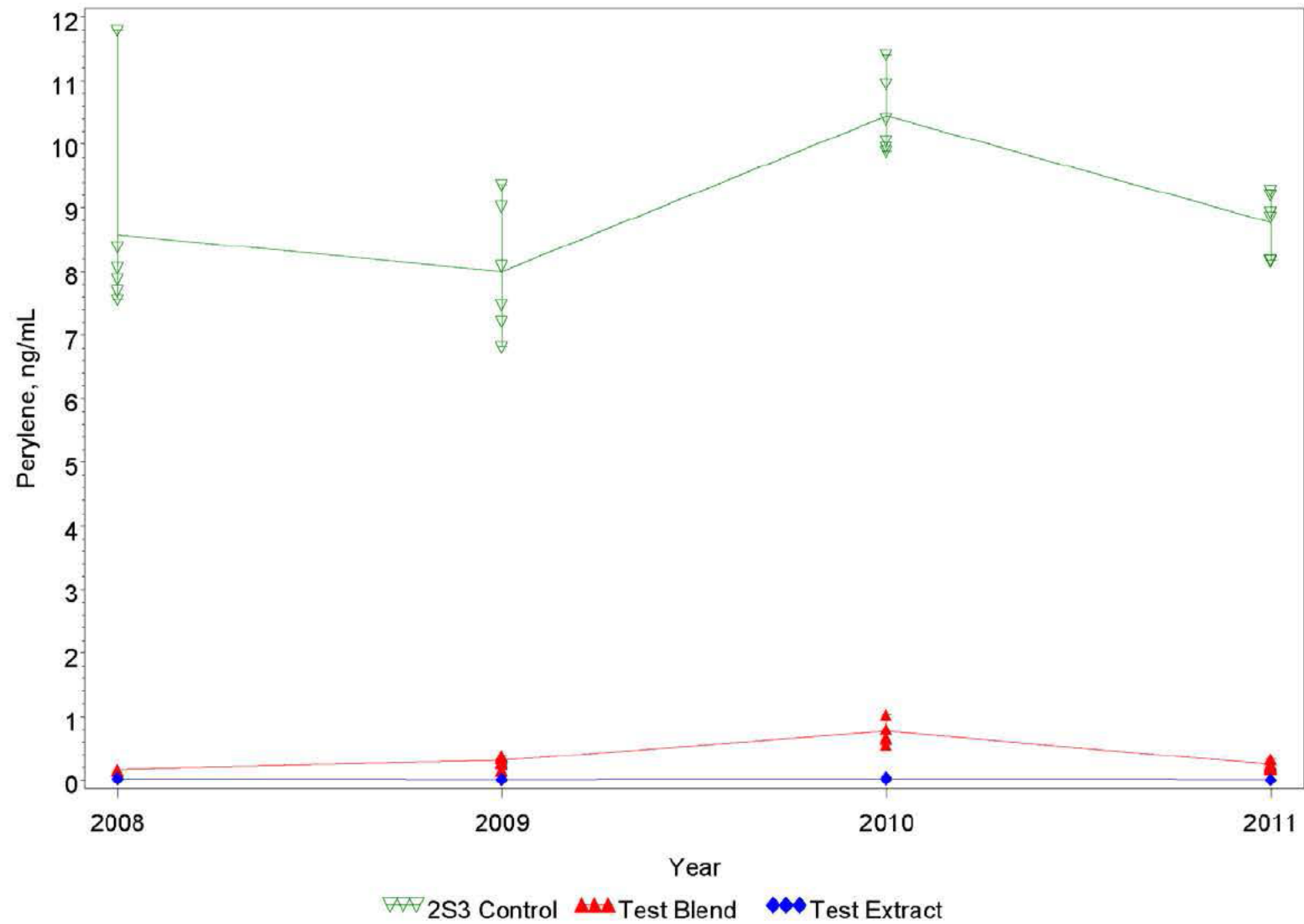
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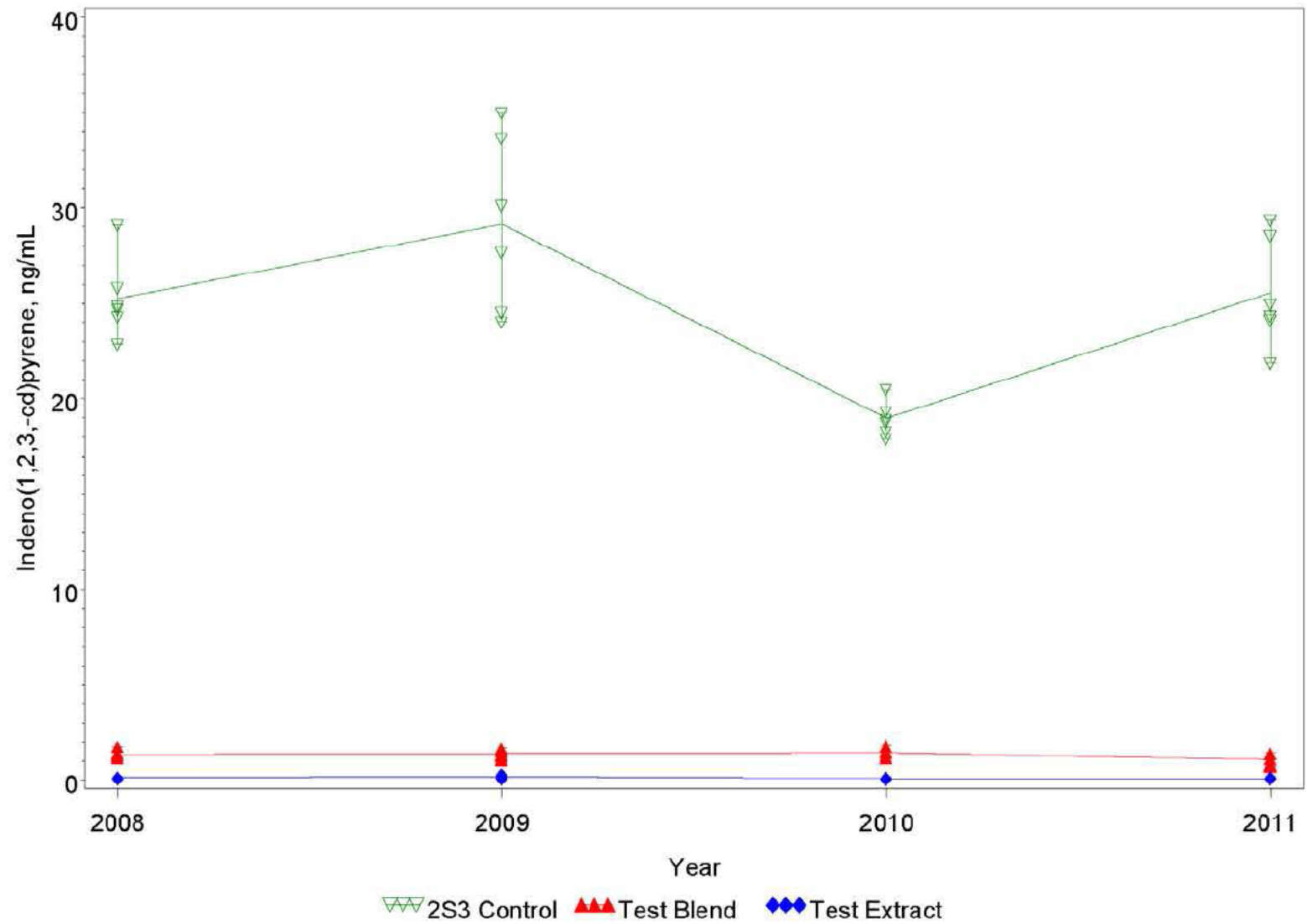
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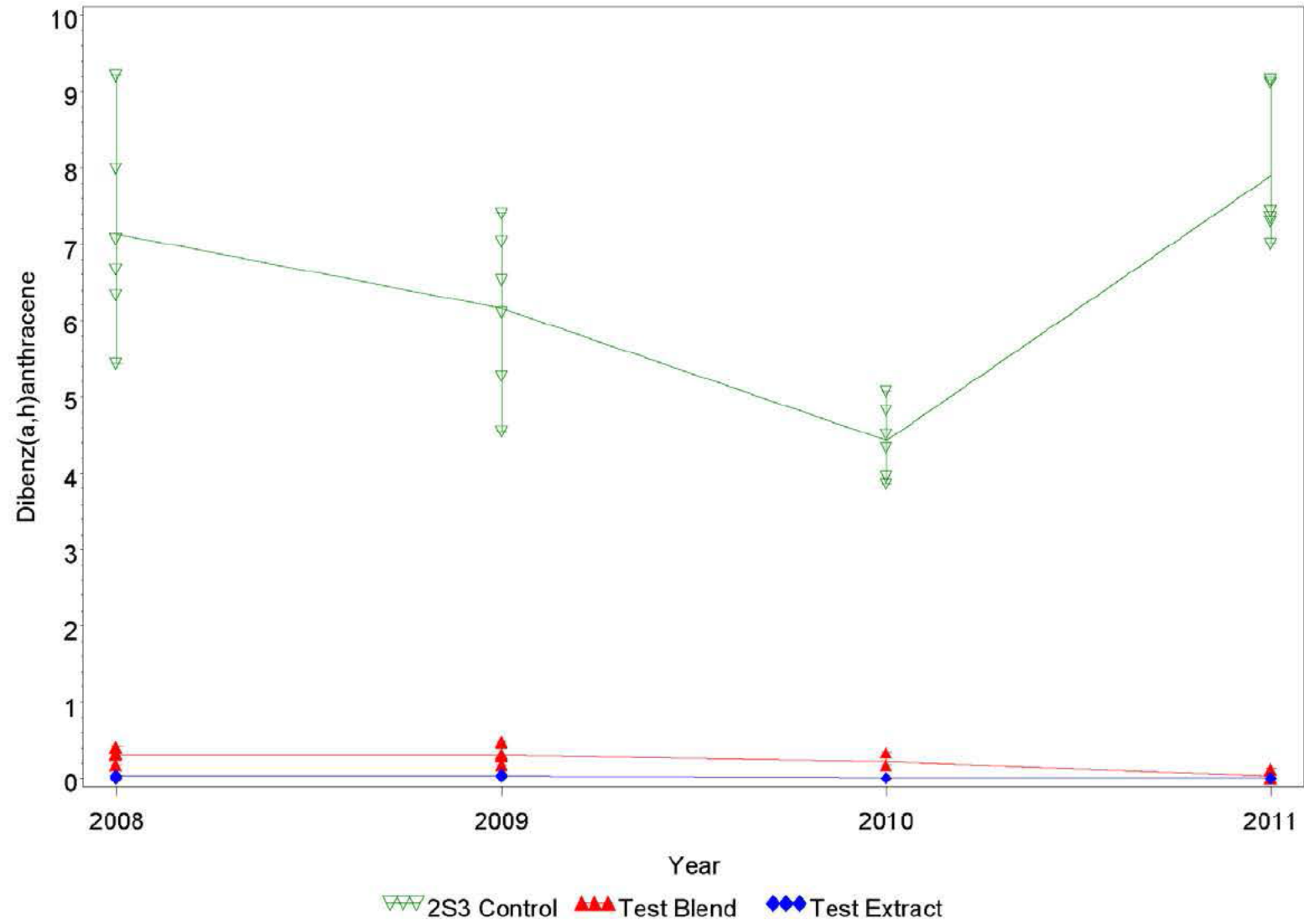
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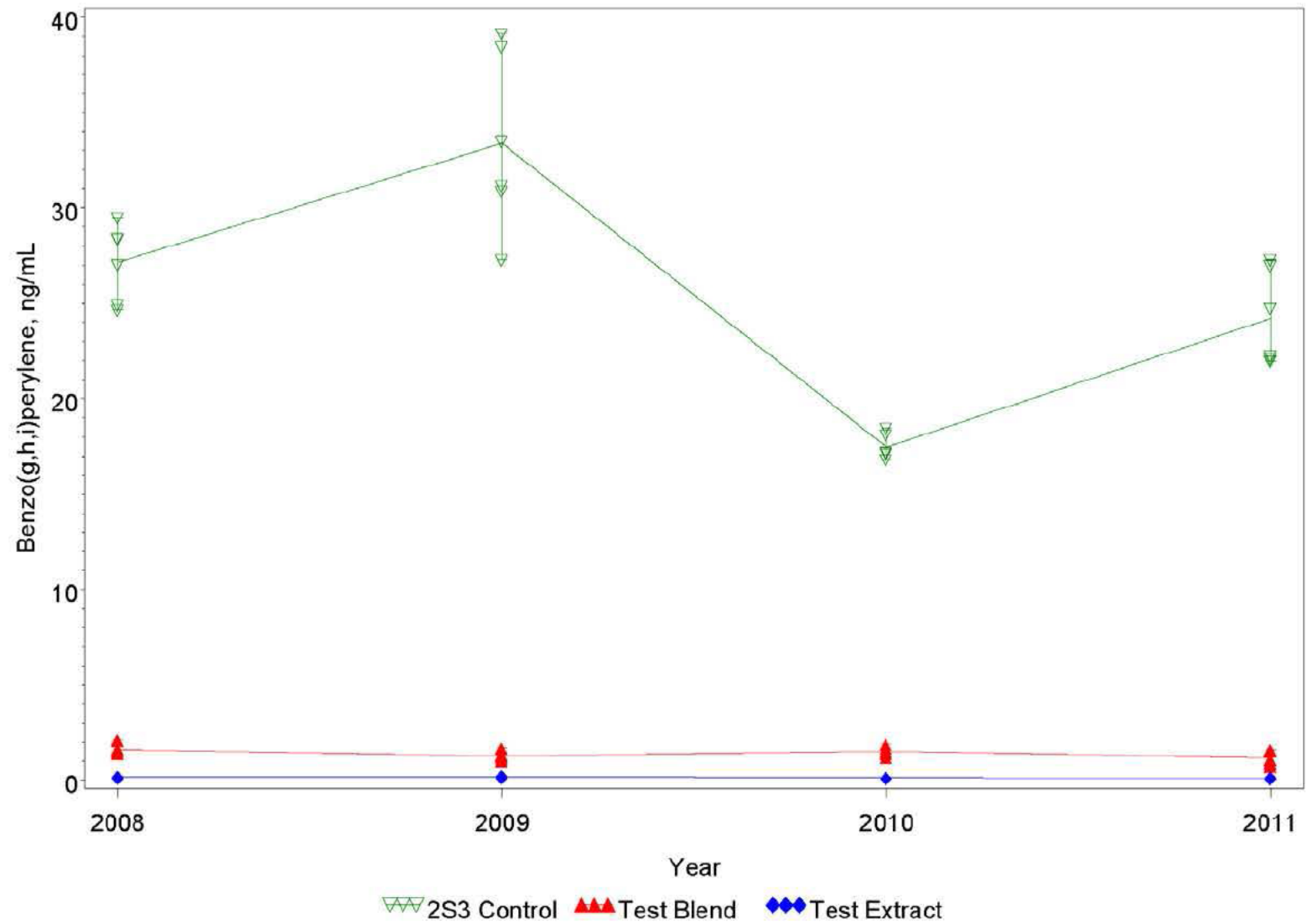
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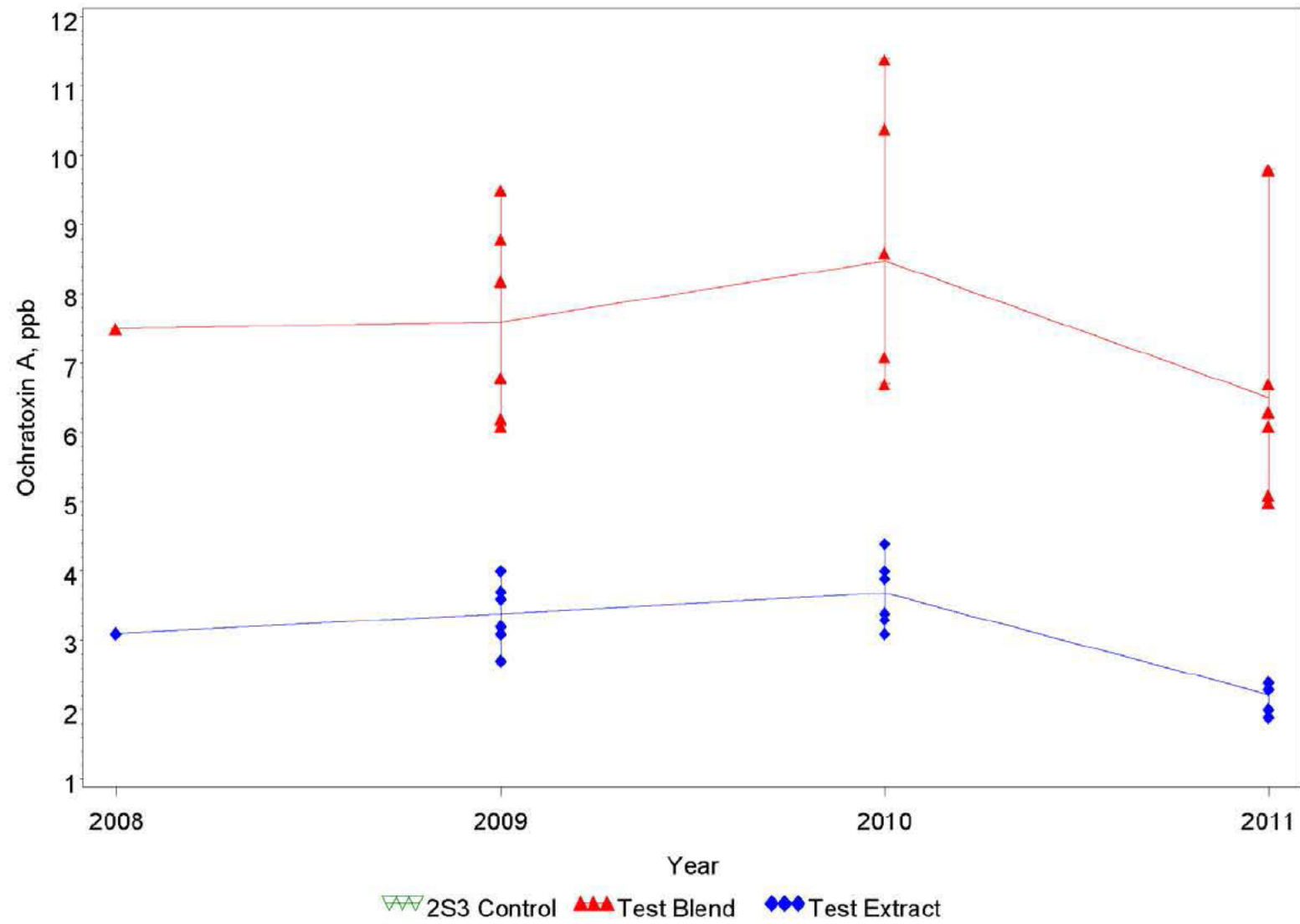
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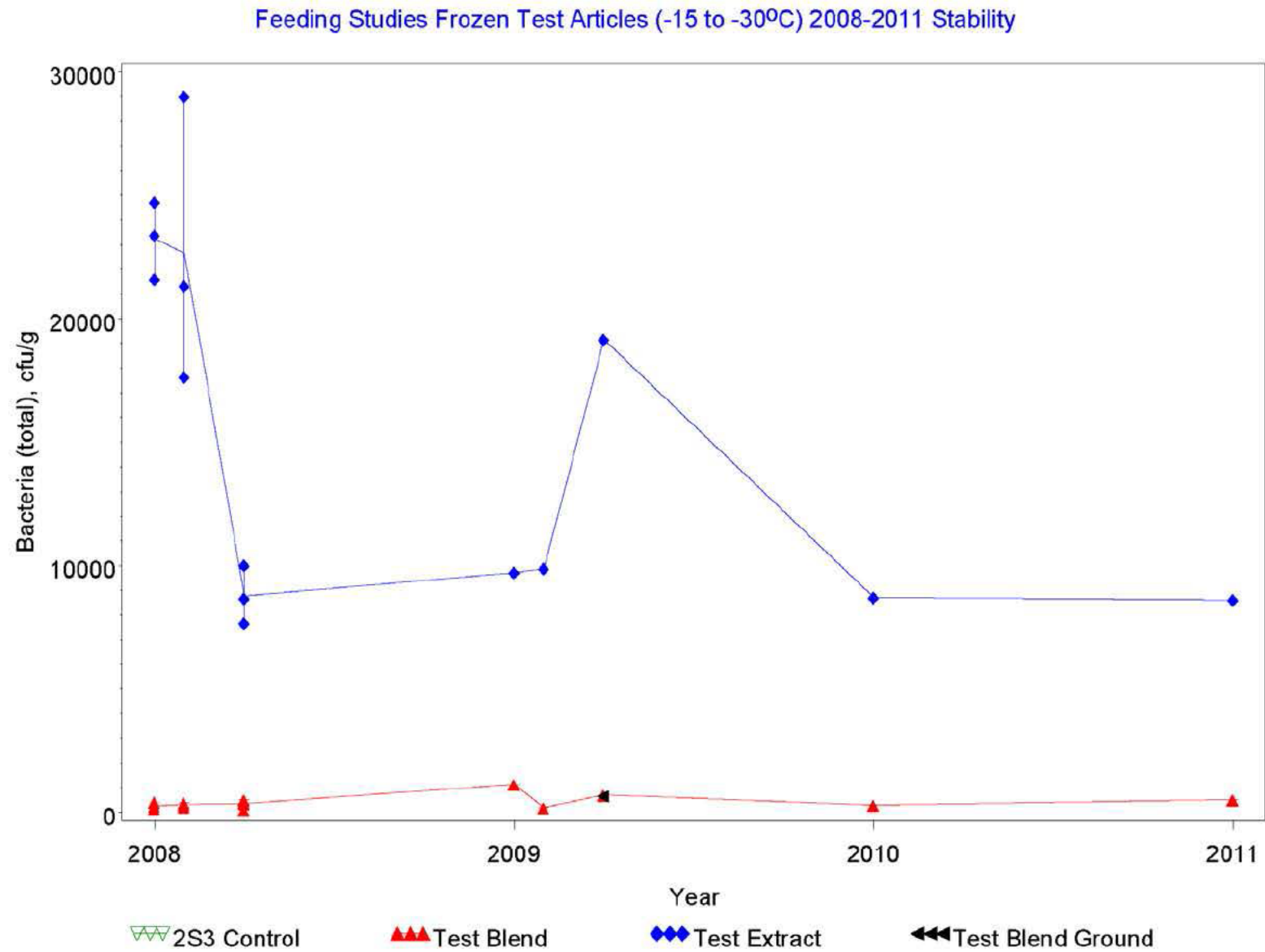


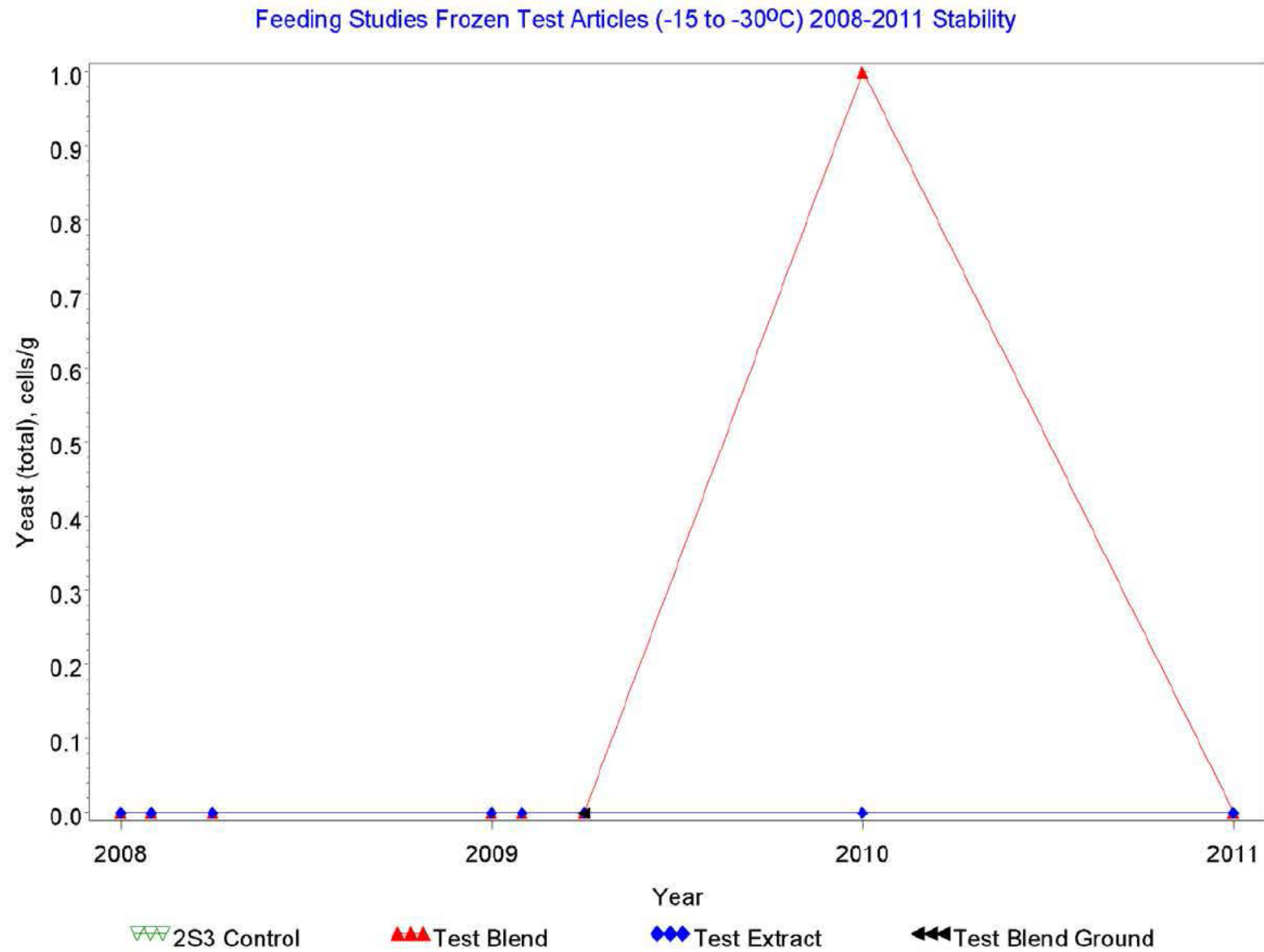
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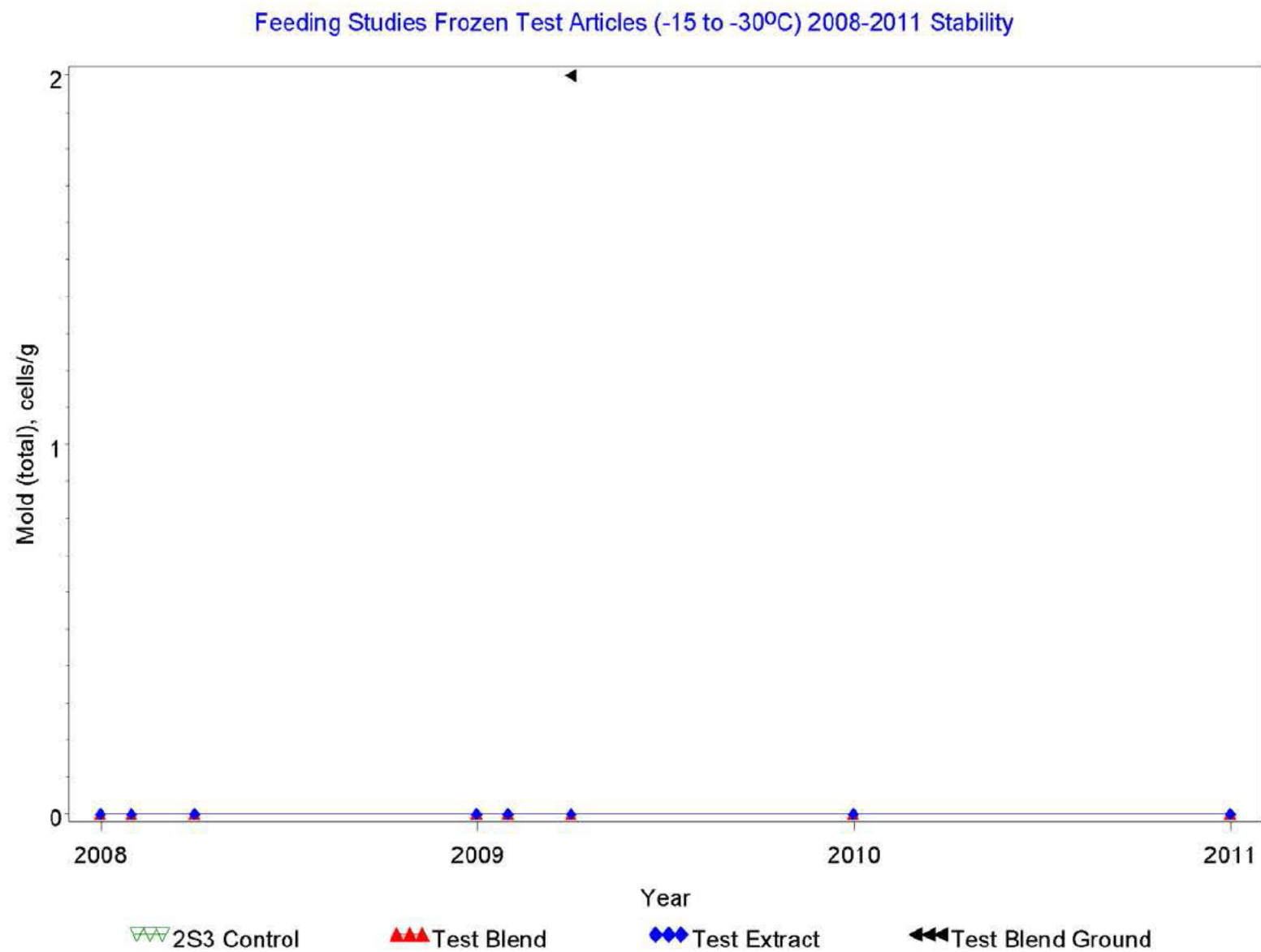


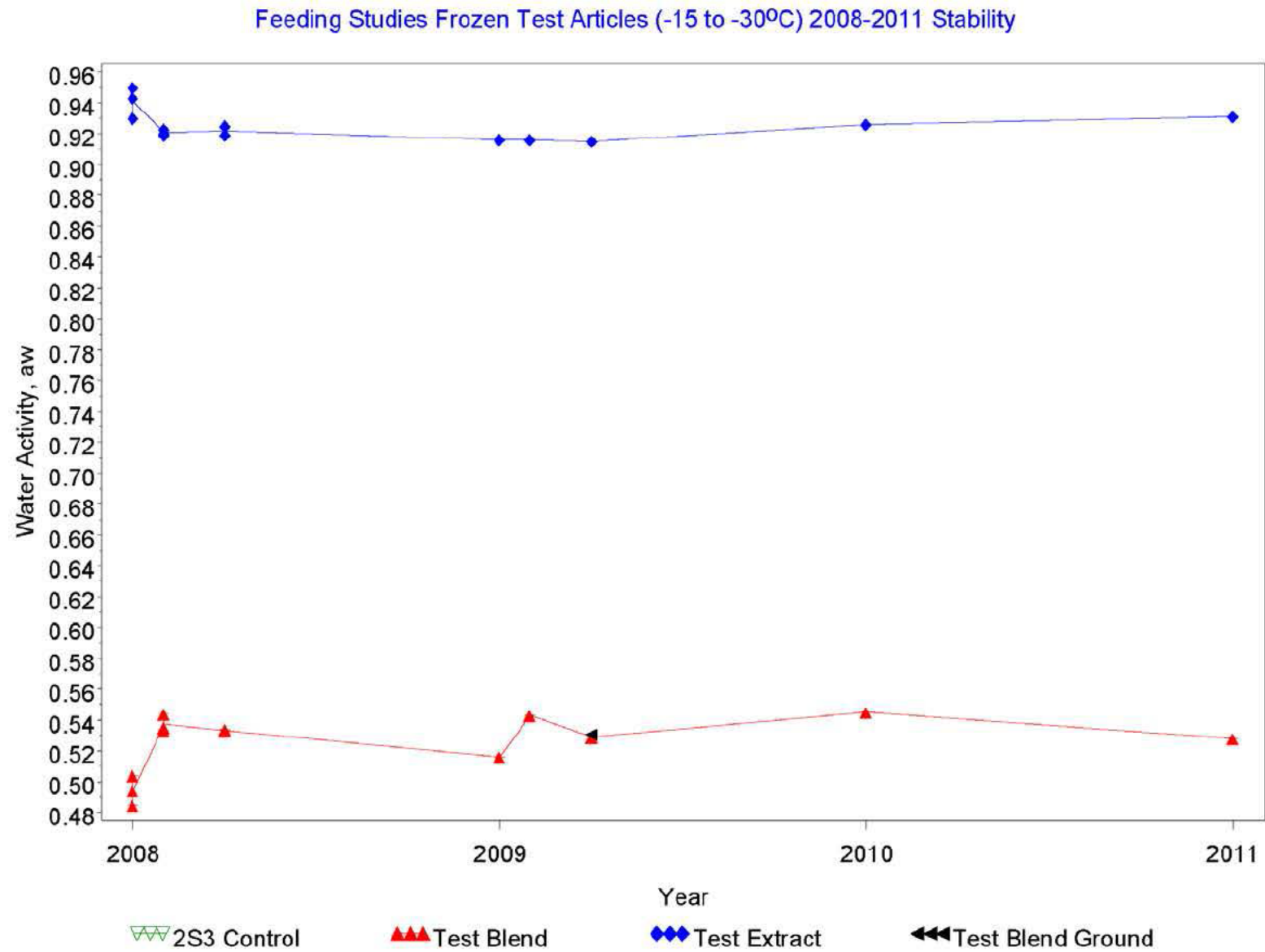
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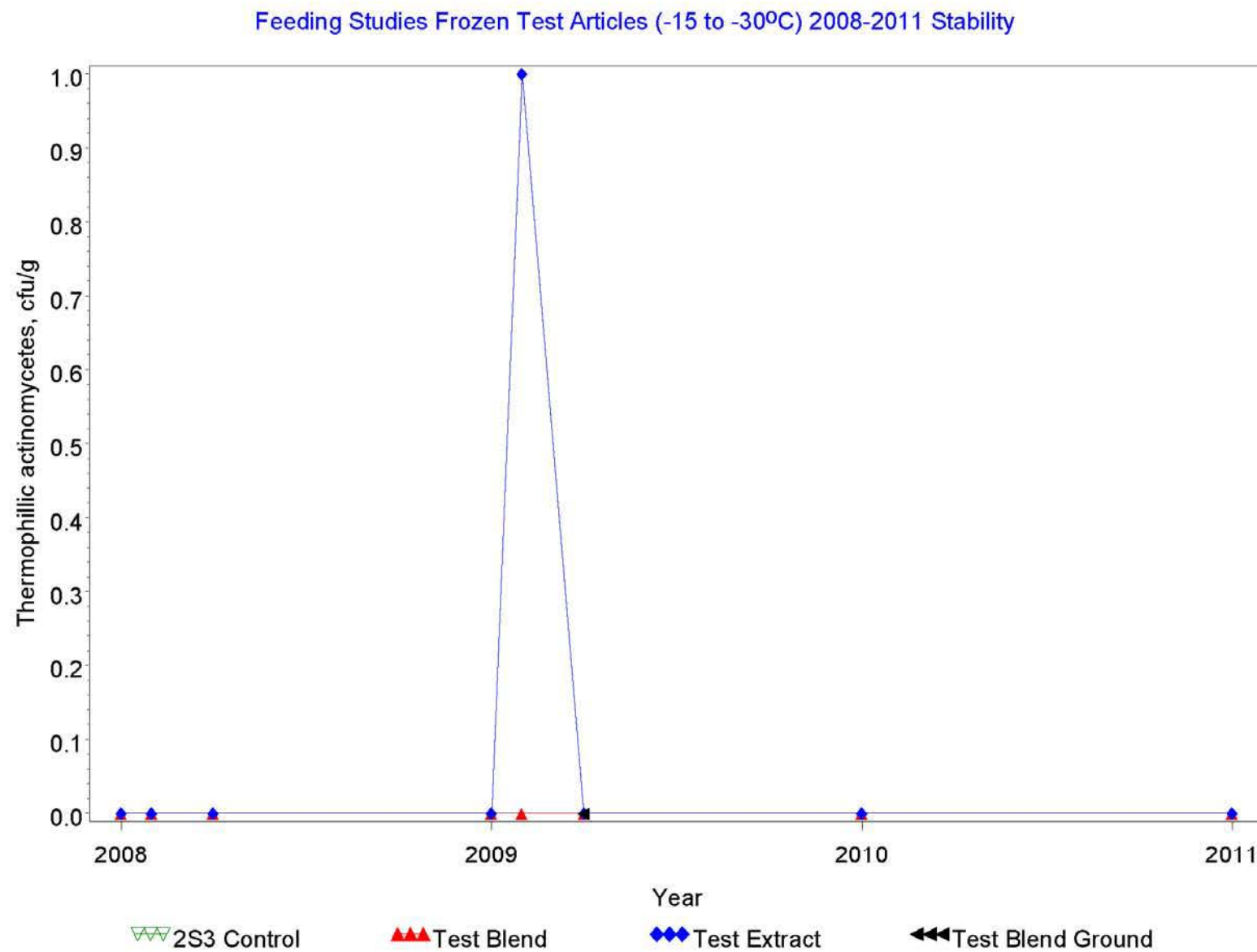












**APPENDIX D: METHOD VALIDATION, STABILITY, AND HOMOGENEITY OF
NICOTINE IN NTP-2000 FEED**

**STABILITY AND HOMOGENEITY OF TEST ARTICLES AND POSITIVE
CONTROL FORMULATIONS AND METHOD VALIDATION FOR
DETERMINATION OF NICOTINE IN FORMULATED RODENT DIET**

NICOTINE IN NTP-2000 FEED

Battelle Study Number: CN49730A-FORMPRE

September 18, 2009

Prepared By/Date: Edward M. 9/18/09 Approved By/Date: Brian L. Burbach 9/18/09
Edward Psumny, B.S. Brian L. Burbach, Ph.D.

GOOD LABORATORY PRACTICES COMPLIANCE STATEMENT

This validation was conducted in compliance with all applicable Food and Drug Administration (FDA) Good Laboratory Practice (GLP) regulations, the standard operating procedures (SOPs) governing the validation of formulation analysis methods, and the design form created specifically for this validation and applicable amendments and deviations.


STUDY INITIATION:

May 23, 2008

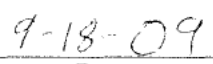
STUDY COMPLETION:

(Date Final Report is Signed)

September 18, 2009



Brian Burback, Ph.D.
Study Director




Date

SIGNATURE PAGE

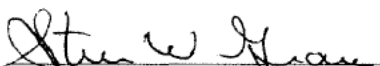
In compliance with Good Laboratory Practice Regulations, Study No. CN49730A-FORMPRE, the data and the report have been reviewed and the report accurately reflects the data collected in accordance with the appropriate Battelle standard operating procedures (SOPs).

APPROVED, BATTELLE:



Brian L. Burback, Ph.D.
Study Director

9/18/09
Date

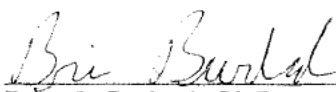


Steven W. Graves, B.S.
Manager, Chemistry Technical Center

9/18/09
Date

Certification of Availability of Raw Data

The raw data and the signed final report will be archived under Battelle Study No. CN49730A-FORMPRE, Battelle, 505 King Avenue, Columbus, Ohio 43201.

Company Agent: 

Brian L. Burback, Ph.D.
Study Director
Battelle Chemistry Technical Center


9/18/09
Date

QUALITY ASSURANCE STATEMENT**STABILITY AND HOMOGENEITY OF TEST ARTICLES AND POSITIVE
CONTROL FORMULATIONS AND METHOD VALIDATION FOR
DETERMINATION OF NICOTINE IN FORMULATED RODENT DIET**

Listed below are the phases and/or procedures performed by Battelle that were reviewed by the Quality Assurance Unit (QAU) during performance of the task described in this report. Adverse findings, if any, were reported to the Study Director at the time of review.

Critical Phase Inspected	Date Inspected	Date Reported to Study Director and Management
Study design form review	5/22/08	5/22/08
Method validation	5/28, 5/29/08	5/29/08
Homogeneity analysis	6/9/08	6/10/08
Study design form amendment review	7/17/08	7/17/08
Stability testing	8/18, 8/19/08	8/19/08
Audit study file	8/22/08	8/22/08
Audit study file	9/18/08	9/18/08
Audit study file	1/20/09	1/20/09
Study design form amendment review	3/27/09	3/27/09
Audit analytical report	4/14/09	4/14/09

This report reflects the procedures and raw data generated in this study.


Quality Assurance Unit

9/18/09
Date

EXECUTIVE SUMMARY

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I. INTRODUCTION

The purpose of this study was to validate the analysis method, determine the homogeneity of various feed formulations, and assess their stability using nicotine as the target analyte.

This report contains:

- A description of method used to analyze nicotine in various formulations made in NTP-2000 feed.
- The results of the method validation.
- The results of a formulation homogeneity study.
- The results of stability studies.
- Conclusions.

This work was performed at Battelle, 505 King Avenue, Columbus, OH 43201.

II. TEST ARTICLE

Tobacco blend, Lot No. OT162AF, was received from R.J. Reynolds (RJR), Inc. It was used to prepare all tobacco blend formulations in this report. The tobacco blend has 26.28 mg/g of nicotine per the certificate of analysis.

Tobacco extract, Lot No. OT162AE, was received from R.J. Reynolds (RJR), Inc. It was used to prepare all tobacco extract formulations in this report. The aqueous tobacco extract has 22.99 mg/g of nicotine per the certificate of analysis.

III. POSITIVE CONTROL

Nicotine hydrogen tartrate, Lot No. 028K0705 received from Sigma-Aldrich, Inc. It was used to prepare all nicotine hydrogen tartrate formulations in this report. Nicotine free base comprises 35.1% of this salt. The free base concentration was used to express all formulation concentrations.

IV. ANALYTICAL STANDARD AND INTERNAL STANDARD (IS)

Nicotine hydrogen tartrate, Lot No. 028K0705 received from Sigma-Aldrich, Inc. It was used to perform all work covered in this report.

Quinoline, Lot No. 097K2601 received from Sigma-Aldrich, Inc. It was used as the IS for all work covered in this report.

V. FORMULATION ANALYSIS METHOD VALIDATION

This section describes the validation of the method to analyze nicotine formulations in NTP-2000 feed.

A. METHOD DEVELOPMENT

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B. METHOD VALIDATION

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C. ANALYSIS

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D. CALCULATIONS

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E. RESULTS

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F. CONCLUSIONS

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VI. FORMULATION HOMOGENEITY

Homogeneity was assessed for multiple formulations of the three test articles prepared in NTP-2000 feed. The formulations are shown in Table 13. Triplicate samples were taken from the top left, top right, and bottom of each formulation for homogeneity analysis.

Table 13 – Feed Formulations Assessed for Homogeneity

Test Article	Target Test Article Concentration (mg/kg)	Blend Size (kg)	Equivalent Nicotine Dose (mg/kg of Body Weight/Day)	Target Nicotine Concentration (mg/kg) ⁴
Nicotine Hydrogen Tartrate (NHT) ¹	1026	25	20	360
	4988	12	200	1750
Tobacco Blend ²	114	25	0.2	3
	13698	25	20	360
	571	12	2	15
	66589	12	200	1750
Aqueous Tobacco Extract ³	130	25	0.2	3
	15659	25	20	360
	652	12	2	15
	76120	12	200	1750

1. Nicotine hydrogen tartrate is 35% nicotine to calculate the nicotine concentration.*

2. The tobacco blend has 26.28 mg/g of nicotine. To calculate the nicotine concentration, 38.05 mg of tobacco blend is needed for every mg of nicotine.*

3. The aqueous tobacco extract has 22.99 mg/g of nicotine. To calculate the nicotine concentration, 43.50 mg of tobacco extract is needed for every mg of nicotine.*

4. mg of nicotine per kg of feed.

* Calculation was performed by spreadsheet which used food consumption, body weights, and desired dose of mg/kg/day to calculate the exact target nicotine concentration.

The homogeneity analysis was performed using the validated method, except that only one standard curve was used, no QCs were analyzed, and triplicate blanks and blanks with IS were analyzed.

A. ANALYSIS

For each formulation, triplicate 10 ± 1 g aliquots were taken from each sample location (top left, top right, and bottom). Each aliquot was weighed into individual 120-mL amber glass bottles.

Twenty-five (25) mL of aqueous 2N sodium hydroxide was added to each sample. The bottles were capped and contents mixed well to wet all the feed. The samples were allowed to stand for approximately 15 minutes.

Fifteen (15) mL of extraction solution was then added to each sample. They were then placed on a wrist action shaker for approximately two hours. During the two hours of shaking, the shaker was occasionally stopped and the samples were removed individually and shaken by hand to make sure there was no feed sticking to the upper side of the bottle. The samples were then placed back on the shaker to resume the shaking.

The samples were centrifuged for approximately 15 minutes at a setting of 2000 rpm.

The samples that needed dilution into the standard curve were diluted with blank feed extracted extraction solution.

An appropriate amount of the extract solution (supernatant) was then transferred to a GC vial and the vial was sealed.

The results from analysis of each formulation prepared in NTP-2000 feed are in Table 14 through Table 23.

Table 14 – Homogeneity Results (1026 mg/kg NHT Formulation)

Location/Target Nicotine Concentration (mg/kg)	Aliquot	Determined Sample Concentration (mg/kg)	Average Determined Sample Concentration (mg/kg)	Grand Average Determined Concentration ± s (mg/kg)	Grand RSD (%)	Grand RE (%)
Top Left/360	A	3.79E+02	3.76E+02	3.79E+02 ± 5	1.4	5.3
	B	3.69E+02				
	C	3.80E+02				
Top Right/360	A	3.82E+02	3.76E+02			
	B	3.65E+02				
	C	3.82E+02				
Bottom/360	A	3.87E+02	3.85E+02			
	B	3.87E+02				
	C	3.80E+02				

Table 15 – Homogeneity Results (4988 mg/kg NHT Formulation)

Location/Target Nicotine Concentration (mg/kg)	Aliquot	Determined Sample Concentration (mg/kg)	Average Determined Sample Concentration (mg/kg)	Grand Average Determined Concentration ± s (mg/kg)	Grand RSD (%)	Grand RE (%)
Top Left/1750	A	1.68E+03	1.70E+03	1.73E+03 ± 25	1.5	-1.1
	B	1.74E+03				
	C	1.69E+03				
Top Right/1750	A	1.70E+03	1.73E+03			
	B	1.78E+03				
	C	1.70E+03				
Bottom/1750	A	1.75E+03	1.75E+03			
	B	1.73E+03				
	C	1.76E+03				

Table 16 – Homogeneity Results (114 mg/kg Tobacco Blend Formulation)

Location/Target Nicotine Concentration (mg/kg)	Aliquot	Determined Sample Concentration (mg/kg)	Average Determined Sample Concentration (mg/kg)	Grand Average Determined Concentration ± s (mg/kg)	Grand RSD (%)	Grand RE (%)
Top Left/3	A	2.93E+00	3.23E+00	3.12E+00 ± 0.21	6.9	4.0
	B	3.44E+00				
	C	3.32E+00				
Top Right/3	A	3.37E+00	3.25E+00			
	B	3.25E+00				
	C	3.14E+00				
Bottom/3	A	3.28E+00	2.87E+00			
	B	2.52E+00				
	C	2.51E+00				
	A*	3.23E+00				
	B*	3.06E+00				
	C*	2.87E+00				
	D*	2.59E+00				

* Samples were a repeat analysis of the bottom location, due to the fact that the first B and C samples were low. The reason for this was believed to be clumping of these samples during extraction which prevented complete extraction recovery.

Table 17 – Homogeneity Results (13698 mg/kg Tobacco Blend Formulation)

Location/Target Nicotine Concentration (mg/kg)	Aliquot	Determined Sample Concentration (mg/kg)	Average Determined Sample Concentration (mg/kg)	Grand Average Determined Concentration ± s (mg/kg)	Grand RSD (%)	Grand RE (%)			
Top Left/360	A	4.22E+02	4.40E+02	4.32E+02 ± 7	1.6	20.0			
	B	4.64E+02							
	C	4.33E+02							
Top Right/360	A	3.87E+02	4.27E+02						
	B	4.46E+02							
	C	4.49E+02							
Bottom/360	A	4.32E+02	4.30E+02						
	B	4.34E+02							
	C	4.25E+02							

Table 18 – Homogeneity Results (571 mg/kg Tobacco Blend Formulation)

Location/Target Nicotine Concentration (mg/kg)	Aliquot	Determined Sample Concentration (mg/kg)	Average Determined Sample Concentration (mg/kg)	Grand Average Determined Concentration ± s (mg/kg)	Grand RSD (%)	Grand RE (%)
Top Left/15	A	1.83E+01	1.68E+01	1.70E+01 ± 0	2.2	13.3
	B	1.54E+01				
	C	1.66E+01				
Top Right/15	A	1.76E+01	1.74E+01			
	B	1.70E+01				
	C	1.75E+01				
Bottom/15	A	1.60E+01	1.67E+01			
	B	1.70E+01				
	C	1.71E+01				

Table 19 – Homogeneity Results (66589 mg/kg Tobacco Blend Formulation)

Location/Target Nicotine Concentration (mg/kg)	Aliquot	Determined Sample Concentration (mg/kg)	Average Determined Sample Concentration (mg/kg)	Grand Average Determined Concentration ± s (mg/kg)	Grand RSD (%)	Grand RE (%)
Top Left/1750	A	2.12E+03	2.12E+03	2.12E+03 ± 25	1.2	21.1
	B	2.13E+03				
	C	2.11E+03				
Top Right/1750	A	2.04E+03	2.09E+03			
	B	2.13E+03				
	C	2.09E+03				
Bottom/1750	A	2.15E+03	2.14E+03			
	B	2.11E+03				
	C	2.17E+03				

Table 20 – Homogeneity Results (130 mg/kg Tobacco Extract Formulation)

Location/Target Nicotine Concentration (mg/kg)	Aliquot	Determined Sample Concentration (mg/kg)	Average Determined Sample Concentration (mg/kg)	Grand Average Determined Concentration ± s (mg/kg)	Grand RSD (%)	Grand RE (%)
Top Left/3	A	2.89E+00	2.84E+00	2.79E+00 ± 0.04	1.5	-7.0
	B	3.03E+00				
	C	2.60E+00				
Top Right/3	A	2.81E+00	2.78E+00			
	B	2.77E+00				
	C	2.75E+00				
Bottom/3	A	2.72E+00	2.76E+00			
	B	2.79E+00				
	C	2.78E+00				

Table 21 – Homogeneity Results (15659 mg/kg Tobacco Extract Formulation)

Location/Target Nicotine Concentration (mg/kg)	Aliquot	Determined Sample Concentration (mg/kg)	Average Determined Sample Concentration (mg/kg)	Grand Average Determined Concentration ± s (mg/kg)	Grand RSD (%)	Grand RE (%)
Top Left/360	A	3.86E+02	3.76E+02	3.78E+02 ± 2	0.6	5.0
	B	3.75E+02				
	C	3.68E+02				
Top Right/360	A	3.91E+02	3.80E+02			
	B	3.68E+02				
	C	3.81E+02				
Bottom/360	A	3.75E+02	3.79E+02			
	B	3.76E+02				
	C	3.85E+02				

Table 22 – Homogeneity Results (652 mg/kg Tobacco Extract Formulation)

Location/Target Nicotine Concentration (mg/kg)	Aliquot	Determined Sample Concentration (mg/kg)	Average Determined Sample Concentration (mg/kg)	Grand Average Determined Concentration ± s (mg/kg)	Grand RSD (%)	Grand RE (%)
Top Left/15	A	1.59E+01	1.60E+01	1.57E+01 ± 0.5	2.9	4.7
	B	1.54E+01				
	C	1.67E+01				
Top Right/15	A	1.66E+01	1.60E+01			
	B	1.58E+01				
	C	1.56E+01				
Bottom/15	A	1.62E+01	1.52E+01			
	B	1.55E+01				
	C	1.40E+01				

Table 23 – Homogeneity Results (76120 mg/kg Tobacco Extract Formulation)

Location/Target Nicotine Concentration (mg/kg)	Aliquot	Determined Sample Concentration (mg/kg)	Average Determined Sample Concentration (mg/kg)	Grand Average Determined Concentration ± s (mg/kg)	Grand RSD (%)	Grand RE (%)
Top Left/1750	A	1.79E+03	1.88E+03	1.87E+03 ± 12	0.6	6.9
	B	1.92E+03				
	C	1.92E+03				
Top Right/1750	A	1.86E+03	1.86E+03			
	B	1.85E+03				
	C	1.87E+03				
Bottom/1750	A	1.93E+03	1.88E+03			
	B	1.87E+03				
	C	1.84E+03				

B. CONCLUSIONS

The grand average determined concentrations were within 10% of target for the nicotine hydrogen tartrate and tobacco extract formulations. The grand average RSDs were less than the acceptance value of 10% for all nicotine hydrogen tartrate and tobacco extract formulations. The grand average REs were between 4.0 and 21.1% of target concentration for the tobacco blend formulations based on nicotine concentration values provided by RJR. Through additional analyses during the 90-day animal studies (CN49730E and CN49730F), it was discovered that tobacco

blend nicotine concentration tends to be higher than the 26.28 mg/g concentration of nicotine, which was provided by the Sponsor and is variable between buckets of blend. The grand average RSDs for the tobacco blend were less than the acceptance value of 10% for all formulations, showing that the formulation was homogenous among all locations. Therefore, the formulation method was acceptable for producing homogenous formulations at all formulation concentrations and types.

VII. FORMULATION STABILITY STUDY

Stability of the nicotine formulations was first conducted using samples from the homogeneity study. These samples were stored in plastic bags in a room temperature cabinet. It was discovered during the 7 to 11, 14 to 18, 26 to 40, and 65 to 85 day time point analyses that the nicotine in the higher formulations was apparently evaporating out of high concentration bags through the plastic and being absorbed into the bags of the lower concentration formulations. This was shown in the tobacco blend and tobacco extract low formulations (3 mg/kg of nicotine) where the Day 0 analyses were within 10% of the target and by the day 65 to 85 analyses the average concentrations were greater than 45% above target.

Stability was then conducted on all formulations that were the first batches prepared for both 90-day rat and mouse studies (CN49730E and CN49730F).

These formulation storage stability studies were conducted on formulations stored at room temperature for approximately 82 to 92 days in plastic bags inside plastic buckets. These samples came from feed that was not needed to feed animals from the first batches of formulations for studies CN49730E and CN49730F. These buckets had been previously opened and used to fill feeder jars for the toxicology study. The samples were treated identically to typical study samples because they were taken from actual study buckets.

The stability analysis was performed using the validated method with the exception that only a single feed standard curve was prepared, a reduced number of blanks were used, and QCs were not prepared.

A. STUDY DESIGN

Formulations of nicotine hydrogen tartrate, tobacco blend, and tobacco extract in NTP-2000 feed were stored at room temperature. Each formulation was in plastic bags inside a plastic bucket. Triplicate aliquots were analyzed after storage for 82 to 92 days for nicotine concentration. These formulations had been previously analyzed before they were used to feed animals during their respective studies and had been approved for use by the client.

B. RESULTS

All the feed formulations were within 10% of the concentration determined (except for the 1370 mg/kg tobacco blend formulation which was 11.9% high, but was released by the client for use) after the formulations were prepared. The stability results are shown in Table 24 through Table 29.

Table 24 – Nicotine Hydrogen Tartrate Feed Stability Results from CN49730E Rat Study Samples

Test Article Concentration (mg/kg)	Nicotine Initially Determined Concentration (mg/kg)	Day	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg)	Average %RE of Target
137	4.87E+01	92	4.35E+01	4.39E+01	-9.9
			4.48E+01		
			4.34E+01		
160	5.37E+01	92	5.08E+01	5.07E+01	-5.6
			5.07E+01		
			5.06E+01		

Table 25 – Nicotine Hydrogen Tartrate Feed Stability Results from CN49730F Mouse Study Samples

Test Article Concentration (mg/kg)	Nicotine Initially Determined Concentration (mg/kg)	Day	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg)	Average %RE of Target
1368	4.68E+02	92	4.01E+02	4.10E+02	-12.3
			4.24E+02		
			4.06E+02		
2052	7.09E+02	92	5.22E+02	6.01E+02	-15.3
			6.40E+02		
			6.40E+02		

Table 26 – Tobacco Blend Feed Stability Results from CN49730E Rat Study Samples

Test Article Concentration (mg/kg)	Nicotine Initially Determined Concentration (mg/kg)	Day	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg)	Average %RE of Target
91	2.36E+00	92	2.60E+00	2.52E+00	6.6
			2.45E+00		
			2.50E+00		
107	2.66E+00	92	2.52E+00	2.47E+00	-7.1
			2.34E+00		
			2.55E+00		
913	2.46E+01	92	2.50E+01	2.56E+01	3.9
			2.59E+01		
			2.58E+01		
1070	3.05E+01	92	2.78E+01	2.85E+01	-6.6
			2.96E+01		
			2.81E+01		
1826	4.73E+01	84	4.93E+01	4.84E+01	2.3
			4.84E+01		
			4.75E+01		
2140	5.57E+01	92	5.52E+01	5.47E+01	-1.8
			5.40E+01		
			5.49E+01		

Table 27 – Tobacco Blend Feed Stability Results from CN49730F Mouse Study Samples

Test Article Concentration (mg/kg)	Nicotine Initially Determined Concentration (mg/kg)	Day	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg)	Average %RE of Target
913	2.59E+01	92	2.56E+01	2.57E+01	-0.9
			2.72E+01		
			2.42E+01		
1370	4.03E+01	82	4.07E+01	3.94E+01	-2.2
			3.72E+01		
			4.03E+01		
9132	2.43E+02	92	2.43E+02	2.56E+01	5.5
			2.45E+02		
			2.81E+02		
13698	3.75E+02	92	3.41E+02	3.40E+02	-9.3
			3.45E+02		
			3.34E+02		
18264	5.03E+02	92	4.65E+02	4.52E+02	-10.1
			4.29E+02		
			4.63E+02		
27397	7.61E+02	92	7.00E+02	6.79E+02	-10.8
			6.84E+02		
			6.53E+02		

Table 28 – Tobacco Extract Feed Stability Results from CN49730E Rat Study Samples

Test Article Concentration (mg/kg)	Nicotine Initially Determined Concentration (mg/kg)	Day	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg)	Average %RE of Target
104	2.21E+00	92	2.27E+00	2.20E+00	-0.6
			2.20E+00		
			2.12E+00		
122	2.64E+00	92	2.67E+00	2.62E+00	-0.6
			2.49E+00		
			2.71E+00		
1044	2.44E+01	92	2.30E+01	2.33E+01	-4.3
			2.30E+01		
			2.40E+01		
1223	2.77E+01	92	2.86E+01	2.79E+01	0.7
			2.71E+01		
			2.80E+01		
2088	4.90E+01	92	4.42E+01	4.38E+01	-10.7
			4.34E+01		
			4.37E+01		
2447	5.23E+01	92	5.09E+01	5.18E+01	-0.9
			5.27E+01		
			5.19E+01		

Table 29 – Tobacco Extract Feed Stability Results from CN49730F Mouse Study Samples

Test Article Concentration (mg/kg)	Nicotine Initially Determined Concentration (mg/kg)	Day	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg)	Average %RE of Target
1044	2.40E+01	92	2.43E+01	2.42E+01	0.7
			2.42E+01		
			2.40E+01		
1566	3.78E+01	92	3.66E+01	3.74E+01	-1.1
			3.75E+01		
			3.81E+01		
10439	2.27E+02	92	2.23E+02	2.22E+02	-2.4
			2.19E+02		
			2.23E+02		
15659	3.42E+02	92	3.43E+02	3.42E+02	0.1
			3.42E+02		
			3.42E+02		
20879	4.37E+02	92	4.44E+02	4.47E+02	2.4
			4.41E+02		
			4.57E+02		
31318	6.92E+02	92	6.80E+02	6.83E+02	-1.3
			6.93E+02		
			6.77E+02		

C. CONCLUSIONS

The recommended storage temperature for all formulations prepared is room temperature for up to 82 days. Feed formulations were between -5.6 to -15.3% of the initially determined nicotine concentration for nicotine hydrogen tartrate formulations for 92 days of storage. Feed formulations were within 10% of the initially determined nicotine concentration for tobacco blend formulations, except for two of the formulations (18264 and 27397 mg/kg) which were -10.1 and -10.8% below the initially determined concentration, after 82 to 92 days of storage. Feed formulations were within 10% of the initially determined nicotine concentration for tobacco extract formulations, except for one of the formulations (2088 mg/kg) which was -10.7% below the initially determined concentration after 92 days of storage.

VIII. STUDY RECORDS

All the study records and final report will be stored in Battelle's archives.

IX. ACKNOWLEDGEMENTS

Dan Burnham, Hans Whittenburg, and John Kelly conducted the analytical work. Edward Psurny wrote this report. Maria Evascu performed review of the data and report for completeness and accuracy.

APPENDIX A
STUDY DESIGN FORM AND AMENDMENTS



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Battelle Study No.: CN49730A-FORMPRE

**STUDY DESIGN FORM FOR STABILITY AND HOMOGENEITY OF TEST
ARTICLES AND POSITIVE CONTROL FORMULATIONS AND METHOD
VALIDATION FOR DETERMINATION OF NICOTINE IN FORMULATED
RODENT DIET**

CN49730A-FORMPRE

I. PURPOSE

The purpose of this study will be to:

- Transfer and validate the analytical methodology for the determination of nicotine in formulated rodent diet.
- Demonstrate that the planned formulation method produces homogenous formulations at the batch size and concentrations planned for the 28-day studies.
- Determine stability of the formulations prepared at the concentrations planned for use in the 28-day studies.

II. STUDY DIRECTOR

Brian Burback Ph.D.

III. TESTING FACILITY

Battelle
505 King Avenue
Columbus, Ohio 43201-2693

IV. SPONSOR

R.J. Reynolds Tobacco Company
Research and Development
Bowman Gray Technical Center
Winston-Salem, NC 27102

V. SPONSOR MONITOR

Suzana Theophilus, Ph.D., D.A.B.T.
R.J. Reynolds Tobacco Company
Research and Development
Bowman Gray Technical Center
Winston-Salem, NC 27102

VI. REGULATORY STANDARDS

Good Laboratory Practices (GLP) for Nonclinical Laboratory Studies, U.S. Code of Federal Regulations, 21 CFR Part 58, September 4, 1987. (not for product registration)



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Battelle Study No.: CN49730A-FORMPRE

VII. TEST ARTICLES, POSITIVE CONTROL, DIET AND ANALYTICAL STANDARD

The test articles for this study will be tobacco blend and aqueous tobacco extract.

The positive control for this study will be nicotine hydrogen tartrate.

The nicotine hydrogen tartrate will be used as the analytical standard. The nicotine free base is 35.1% of the salt and the free base. The free base concentration will be used for both standard concentrations and formulation concentrations.

The diet used for this study will be NTP-2000 meal feed.

VIII. PREPARATION OF DIETS

Formulations will be prepared according to a documentation form that is approved by the study director. Formulations will be prepared at the following concentrations

Formulations to be Prepared for this Study

Test Article	Test Article Concentration (mg/kg)	Blend Size (kg)	Equivalent Nicotine Dose (mg/kg of body weight/day)
Nicotine Hydrogen Tartrate	1026	25	20
	8550	12	400
	13698	25	20
Tobacco Blend	114	25	0.2
	133179	12	400
	11415	12	40
	15659	25	20
Aqueous Tobacco Extract	130	25	0.2
	152240	12	400
	13049	12	20

Single samples (approximately 200 g each) from the top left, top right and bottom of the blender will be taken from all prepared formulations for homogeneity determination (triplicates of each sample will be analyzed for homogeneity). The single samples will be sampled and analyzed in triplicate.

Twenty samples (approximately 100 g each) will be taken from the middle of each formulation to be used for the stability study. One stability sample will be analyzed in triplicate on the day of preparation and the remainder will be stored at room temperature until analyzed.

IX. ANALYTICAL METHOD VALIDATION

A. METHOD

(b) (4)

B. STANDARDS

(b) (4)

(b) (4)



C. QUALITY CONTROL (QC) SAMPLES

(b) (4)



D. BLANKS

(b) (4)





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Battelle Study No.: CN49730A-FORMPRE

X. STORAGE STABILITY

A. METHOD

Will use the method validated in part IX.

B. DAY OF PREPARATION

Triplicate aliquots of each prepared formulation will be analyzed on the day of preparation (day 0).

1. Acceptance Criterion

The average determined concentration from this analysis will be considered the Day 0 concentration, if it is within 10% of the target concentration.

C. STABILITY TIME POINTS

Samples of each prepared formulation will be stored at room temperature and analyzed on days 7 to 9, 14 to 16, 28 to 34, and 63 to 70 after preparation. At each stability time point, triplicate aliquots of each sample will be analyzed.

1. Acceptance Criterion:

- Formulations will be considered stable if the average determined concentration is within 10% of the initially determined concentration of the formulation.

XI. HOMOGENEITY

A. METHOD

Will use the method validated in part IX.

B. DESIGN

Triplicate aliquots from samples from the top right, top left and bottom will be analyzed.

C. ACCEPTANCE CRITERIA

Average total relative error (average of the three locations) less than 10% of nominal. Total relative standard deviation (of the three locations) less than 10%.

XII. DATA SYSTEM

Atlas version 8.2 (Thermo Fisher Scientific, Waltham, MA) – chromatography data system

XIII. RECORDS TO BE MAINTAINED

All records required to reconstruct the study and the analytical validation report will be maintained under the direction of Battelle in the archives according to SOPs.

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XIV. STATISTICAL METHODS

Simple statistical endpoints that may be calculated include standard deviation, percent relative standard deviation (RSD), and percent relative error (RE). When possible, relevant graphs to aid interpretation of data will be included in the final report.

XV. APPROVAL

Date of E-mail approval from Sponsor:

5/22/08

Prepared By:

Brian Bush
Study Director

Date

5-23-08

Date

Approved By:

Brian Bush
For S. Graves
Chemistry Management*5-23-08

Date

*This signature also serves as assignment of study director.



**AMENDMENT/DEVIATION 1 FOR THE STUDY DESIGN FORM FOR STABILITY
AND HOMOGENEITY OF TEST ARTICLES AND POSITIVE CONTROL
FORMULATIONS AND METHOD VALIDATION FOR DETERMINATION OF
NICOTINE IN FORMULATED RODENT DIET**

I. PARTS TO BE CHANGED BY AMENDMENT

A. SECTION VIII. PREPARATION OF DIETS

This table is amended to read as follows:

Formulations to be Prepared for this Study

Test/Control Article	Test/Control Article Concentration (mg/kg)	Blend Size (kg)	Equivalent Nicotine Dose (mg/kg of body weight/day)
Nicotine Hydrogen Tartrate	1026	25	20
	4988	12	200
Tobacco Blend	13698	25	20
	114	25	0.2
	66589	12	200
	571	12	2
	15659	25	20
Aqueous Tobacco Extract	130	25	0.2
	76120	12	200
	652	12	2

B. REASON FOR CHANGE

Added "control" to the first two column headers for clarification. Dose levels for the mouse were changed for all three test/control articles.

II. DEVIATION/AMENDMENT

A. SECTION X.C. STABILITY TIME POINTS

This section initially read as follows:

"Samples of each prepared formulation will be stored at room temperature and analyzed on days 7 to 9, 14 to 16, 28 to 34, and 63 to 70 after preparation. At each stability time point, triplicate aliquots of each sample will be analyzed."

In order to accommodate the fact that formulations had to be prepared over multiple days and that the analysis would take multiple days this section had to be deviated from and is being modified to address both the deviation (already completed work) and the amendment (planned work) as follows.

Samples of each prepared formulation will be stored at room temperature and analyzed on days 7 to 11, 14 to 18, 26 to 40, and 65 to 85 after preparation. At each stability time point, triplicate aliquots of each sample will be analyzed.

This modification (amendment/deviation) has no adverse impact on the study.

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Page 2 of 2

Battelle Study No.: CN49730A-FORMPRE

III. EFFECTIVE DATE JUNE 6, 2008**IV. APPROVAL**

Date of email approval from Sponsor:

7/21/08

Date

Prepared By:

Brian Bud
Study Director7/22/08

Date

Approved By:

Steve Weaver
Chemistry Management7/22/08

Date



**AMENDMENT 2 FOR THE STUDY DESIGN FORM FOR STABILITY AND
HOMOGENEITY OF TEST ARTICLES AND POSITIVE CONTROL
FORMULATIONS AND METHOD VALIDATION FOR DETERMINATION OF
NICOTINE IN FORMULATED RODENT DIET**

I. DEVIATION /AMENDMENT

A. SECTION XI.C ACCEPTANCE CRITERIA FOR HOMOGENEITY

The grand average %RE acceptance criteria of the homogeneity for the tobacco blend formulations were greater than 10%. The grand average %RE for the tobacco blend formulations ranged from 4.0 to 21.1%. The grand RSDs for these formulations were between 1.2 and 6.9%. This demonstrates that the formulation is homogenous, but the desired concentration is above target. Analyses during 90 day animal studies (CN49730E and CN49730F), indicated that tobacco blend nicotine concentration was above target by an average of approximately 8-10%.

II. DEVIATION /AMENDMENT

**A. SECTION X.C. STABILITY TIME POINTS AND ACCEPTANCE
CRITERION**

Initial stability analysis indicated that formulations at lower concentrations were increasing over time.

The stability samples were being stored differently than the study samples because the stability samples were stored inside separate plastic bags that were in a closed cabinet at room temperature. The actual study samples were stored inside plastic bags that were inside separate plastic buckets and stored at room temperature.

The investigation indicated that the nicotine was transferring through the plastic bags.

The stability study was repeated by using actual study samples (CN49730E and CN49730F) that were unused from the study and were the first batches prepared for those studies. These samples were left in there plastic bags that were in their individual plastic buckets and stored at room temperature and analyzed after 79 to 90 days of their preparation date. All batches from the first preparations for both studies were analyzed to show the formulations were stable under the exact conditions they were stored during the study.

This modification (amendment/deviation) has no adverse impact on the study.

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Battelle Study No.: CN49730A-FORMPRE

III. EFFECTIVE DATE MARCH 24, 2008¹⁹

IV. APPROVAL

2/23/09
UP

Date of email approval from Sponsor:

3-23-09

Date:

Prepared By:

Brian Burt

Study Director

3-24-09

Date:

Approved By:

Ken Shaw

Chemistry Management

3/24/09

Date:

CN49730-FORMPRE

SP
5/14/09**REPORT OF DEVIATION**
Battelle Toxicology Columbus**Study Title:** The Handling and Stability of the Test Articles (CN49730A-TASTAB)**Type of Deviation:** Design Form**Deviation Date:** December 29, 2008**Incident:** Location: Freezer, X-49933
The temperature was recorded as -9°C at 3:35:06 p.m. and did not return to the normal operating range (-30°C to -15°C) until 4:35:07 p.m. This is in violation of design form section VII, which states that test articles and samples from these test articles will be stored at approximately -20°C.**Cause of Incident:** Staff pulling items out of unit.**Impact on Study:** No impact.**Corrective Action:** None.

Study Director2/19/09

Date

Original: Study File
Copies: M. Hejtmancik
D. Fallacara
C. James
S. Graves
B. Burbach
W. Black


APPENDIX E: NICOTINE IN FEED FORMULATION ANALYSIS REPORT

Battelle*The Business of Innovation***FORMULATION ANALYSIS REPORT****2-YEAR CHRONIC TOXICITY/CARCINOGENICITY STUDY OF TOBACCO
BLEND AND AQUEOUS TOBACCO EXTRACT IN WISTAR HAN RATS**

Battelle Study No. CN49730G

August 16, 2011

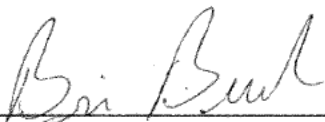
Approved By:

_____
Ed Purny, B.S.
Task Leader/Technical Review

8/16/11

Date

Approved By:

_____
Brian Burbach, Ph.D.
Management

8-16-11

DateBATTELLE
Columbus Operations
505 King Avenue
Columbus, Ohio 43201-2696

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1.0 INTRODUCTION

This report contains formulation analysis results. The method used to produce these results was validated under CN49730A-FORMPRE. A version of the standard operating procedure (SOP) used to analyze the samples is appended to this report (Appendix A). Samples were received for analysis as shown in the table below.

Table 1. Samples Received

Date Received	Type	Group	Formulation ID (mg Test Article/kg Feed)	Batch	Target Nicotine Concentration (mg Nicotine/kg Feed)
2/18/09	Control	CM/CF	0	1-CTRL-1 ^a	0
2/19/09	Tobacco Blend	B0.2M	61	5-BLEND-1	1.60
2/18/09		B0.2F	71	5-BLEND-3	1.88
		B2M	609	5-BLEND-5	16.0
		B2F	713	5-BLEND-7	18.8
		B5M	1522	5-BLEND-9	40.0
2/19/09		B5F	1784	5-BLEND-11 ^a	46.9
2/19/09	Tobacco Extract	E0.2M	70	5-EXTRACT-1 ^a	1.60
		E0.2F	82	5-EXTRACT-3	1.88
		E2M	696	5-EXTRACT-5	16.0
		E2F	816	5-EXTRACT-7	18.8
		E5M	1740	5-EXTRACT-9	40.0
		E5F	2039	5-EXTRACT-11 ^a	46.9
3/18/09	Control	CM/CF	0	2-CTRL-1	0
	Tobacco Blend	B0.2M	91	6-BLEND-1	2.40
		B0.2F	95	6-BLEND-3	2.50
		B2M	913	6-BLEND-5	24.0
		B2F	951	6-BLEND-7	25.0
		B5M	2283	6-BLEND-9	60.0
3/19/09	Tobacco Extract	B5F	2378	6-BLEND-11	62.5
		E0.2M	104	6-EXTRACT-1	2.40
		E0.2F	109	6-EXTRACT-3	2.50
		E2M	1044	6-EXTRACT-5	24.0
		E2F	1087	6-EXTRACT-7	25.0
		E5M	2610	6-EXTRACT-9	60.0
3/25/09	Tobacco Blend	B0.2M	91	6A-BLEND-1	2.40
4/3/09	Control	CM/CF	0	1-CTRL-1	0
	Tobacco Blend	B0.2F	61	5-BLEND-1	1.60
		B0.2M	71	5-BLEND-3	1.88
		B2F	609	5-BLEND-5	16.0
		B2M	713	5-BLEND-7	18.8
		B5F	1522	5-BLEND-9	40.0
		B5M	1784	5-BLEND-11	46.9
	Tobacco Extract	E0.2F	70	5-EXTRACT-1	1.60
		E0.2M	82	5-EXTRACT-3	1.88
		E2F	696	5-EXTRACT-5	16.0
		E2M	816	5-EXTRACT-7	18.8

Table 1. Samples Received (Continued)

Date Received	Type	Group	Formulation ID (mg Test Article/kg Feed)	Batch	Target Nicotine Concentration (mg Nicotine/kg Feed)		
4/3/09	Tobacco Extract	E5F	1740	5-EXTRACT-9	40.0		
		E5M	2039	5-EXTRACT-11	46.9		
4/14/09	Control	CM/CF	0	3-CTRL-1	0		
4/15/09	Tobacco Blend	B0.2F	119	7-BLEND-1	3.13		
		B0.2M	122	7-BLEND-3	3.20		
		B2F	1189	7-BLEND-5	31.2		
		B2M	1218	7-BLEND-7	32.0		
		B5F	2973	7-BLEND-9	78.1		
		B5M	3044	7-BLEND-11	80.0		
4/15/09	Tobacco Extract	E0.2F	136	7-EXTRACT-1	3.13		
		E0.2M	139	7-EXTRACT-3	3.20		
		E2F	1359	7-EXTRACT-5	31.2		
		E2M	1392	7-EXTRACT-7	32.0		
		E5F	3398	7-EXTRACT-9	78.1		
		E5M	3480	7-EXTRACT-11	80.0		
5/13/09	Control	CM/CF	0	8-CTRL-1	0		
	Tobacco Blend	B0.2F	119	8-BLEND-1 ^a	3.13		
				8-BLEND-2			
		B0.2M	122	8-BLEND-3	3.20		
				8-BLEND-4			
		B2F	1189	8-BLEND-5	31.2		
				8-BLEND-6			
		B2M	1218	8-BLEND-7	32.0		
				8-BLEND-8			
		5/14/09	Tobacco Blend	B5F	2973	8-BLEND-9	78.1
						8-BLEND-10	
				B5M	3044	8-BLEND-11 ^a	80.0
8-BLEND-12							
Tobacco Extract	E0.2F			136	8-EXTRACT-1 ^a	3.13	
					8-EXTRACT-2		
	E0.2M	139	8-EXTRACT-3	3.20			
			8-EXTRACT-4				
5/15/09	Tobacco Extract	E2F	1359	8-EXTRACT-5	31.2		
				8-EXTRACT-6			
		E2M	1392	8-EXTRACT-7	32.0		
				8-EXTRACT-8			
5/18/09	Tobacco Extract	E5F	3398	8-EXTRACT-9	78.1		
				8-EXTRACT-10			
		E5M	3480	8-EXTRACT-11	80.0		
				8-EXTRACT-12 ^a			
5/27/09 and 5/29/09	Tobacco Blend	B0.2M	122	8A-BLEND-3	3.20		
7/9/09	Control	CM/CF	0	9-CTRL-1	0		

Table 1. Samples Received (Continued)

Date Received	Type	Group	Formulation ID (mg Test Article/kg Feed)	Batch	Target Nicotine Concentration (mg Nicotine/kg Feed)
7/9/09	Tobacco Blend	B0.2F	119	9-BLEND-1	3.13
				9-BLEND-2	
		B0.2M	122	9-BLEND-3	3.20
				9-BLEND-4	
		B2F	1189	9-BLEND-5	31.2
				9-BLEND-6	
7/8/09	Tobacco Blend	B2M	1218	9-BLEND-7	32.0
				9-BLEND-8	
		B5F	2973	9-BLEND-9	78.1
				9-BLEND-10	
		B5M	3044	9-BLEND-11	80.0
				9-BLEND-12	
7/9/09	Tobacco Extract	E0.2F	136	9-EXTRACT-1	3.13
9-EXTRACT-2					
7/10/09		E0.2M	139	9-EXTRACT-3	3.20
				9-EXTRACT-4	
E2F		1359	9-EXTRACT-5	31.2	
			9-EXTRACT-6		
E2M		1392	9-EXTRACT-7	32.0	
			9-EXTRACT-8		
E5F		3398	9-EXTRACT-9	78.1	
			9-EXTRACT-10		
E5M		3480	9-EXTRACT-11	80.0	
			9-EXTRACT-12		
7/16/09	Tobacco Blend	B0.2F	119	9A-BLEND-1	3.13
				9A-BLEND-2	
		B0.2M	122	9A-BLEND-3	3.20
		B2M	1218	9A-BLEND-8	32.0
8/3/09	Tobacco Blend	B0.2F	119	9B-BLEND-1	3.13
8/13/09	Tobacco Blend	B0.2F	119	9C-BLEND-1	
9/9/09	Control	CM/CF	0	10-CTRL-1	0
	Tobacco Blend	B0.2F	119	10-BLEND-1	3.13
				10-BLEND-2	
		B0.2M	122	10-BLEND-3	3.20
				10-BLEND-4	
		B2F	1189	10-BLEND-5	31.2
				10-BLEND-6	
		B2M	1218	10-BLEND-7	32.0
				10-BLEND-8	
		B5F	2973	10-BLEND-9	78.1
10-BLEND-10					

Table 1. Samples Received (Continued)

Date Received	Type	Group	Formulation ID (mg Test Article/kg Feed)	Batch	Target Nicotine Concentration (mg Nicotine/kg Feed)	
9/8/09	Tobacco Blend	B5M	3044	10-BLEND-11	80.0	
				10-BLEND-12		
	Tobacco Extract	E0.2F	136	10-EXTRACT-1	3.13	
				10-EXTRACT-2		
		E0.2M	139	10-EXTRACT-3	3.20	
				10-EXTRACT-4		
		E2F	1359	10-EXTRACT-5	31.2	
				10-EXTRACT-6		
		E2M	1392	10-EXTRACT-7	32.0	
				10-EXTRACT-8		
E5F	3398	10-EXTRACT-9	78.1			
		10-EXTRACT-10				
	E5M	3480	10-EXTRACT-11	80.0		
		10-EXTRACT-12				
9/21/09	Tobacco Extract	E0.2M	139	10A-EXTRACT-4	3.20	
10/28/09	Control	CM/CF	0	11-CTRL-1	0	
	Tobacco Blend	B0.2F	119	11-BLEND-1	3.13	
				11-BLEND-2		
		B0.2M	122	11-BLEND-3	3.20	
				11-BLEND-4		
		B2F	1189	11-BLEND-5	31.2	
				11-BLEND-6		
		B2M	1218	11-BLEND-7	32.0	
				11-BLEND-8		
	10/29/09		B5F	2973	11-BLEND-9	78.1
			11-BLEND-10			
		B5M	3044	11-BLEND-11	80.0	
			11-BLEND-12			
10/30/09		Tobacco Extract	E0.2F	136	11-EXTRACT-1	3.13
					11-EXTRACT-2	
	E0.2M		139	11-EXTRACT-3	3.20	
				11-EXTRACT-4		
	E2F		1359	11-EXTRACT-5	31.2	
				11-EXTRACT-6		
	E2M		1392	11-EXTRACT-7	32.0	
				11-EXTRACT-8		
	E5F	3398	11-EXTRACT-9	78.1		
			11-EXTRACT-10			
	E5M	3480	11-EXTRACT-11	80.0		
		11-EXTRACT-12				
12/22/09	Control	CM/CF	0	12-CTRL-1	0	
	Tobacco Blend	B0.2F	119	12-BLEND-1	3.13	
				12-BLEND-2		
		B0.2M	122	12-BLEND-3	3.20	
				12-BLEND-4		

Table 1. Samples Received (Continued)

Date Received	Type	Group	Formulation ID (mg Test Article/kg Feed)	Batch	Target Nicotine Concentration (mg Nicotine/kg Feed)
12/22/09	Tobacco Blend	B2F	1189	12-BLEND-5	31.2
				12-BLEND-6	
		B2M	1218	12-BLEND-7	32.0
				12-BLEND-8	
		B5F	2973	12-BLEND-9	78.1
				12-BLEND-10	
12/23/09	Tobacco Extract	E0.2F	136	12-EXTRACT-1	3.13
				12-EXTRACT-2	
		E0.2M	139	12-EXTRACT-3	3.20
				12-EXTRACT-4	
		E2F	1359	12-EXTRACT-5	31.2
				12-EXTRACT-6	
		E2M	1392	12-EXTRACT-7	32.0
				12-EXTRACT-8	
		E5F	3398	12-EXTRACT-9	78.1
				12-EXTRACT-10	
2/17/10	Control	CM/CF	0	13-CTRL-1	0
	Tobacco Blend	B0.2F	119	13-BLEND-1	3.13
				13-BLEND-2	
		B0.2M	122	13-BLEND-3	3.20
				13-BLEND-4	
		B2F	1189	13-BLEND-6	31.2
		B2M	1218	13-BLEND-7	32.0
				13-BLEND-8	
	Tobacco Extract	B5F	2973	13-BLEND-10	78.1
		B5M	3044	13-BLEND-11	80.0
				13-BLEND-12	
		E0.2F	136	13-EXTRACT-1	3.13
				13-EXTRACT-2	
		E0.2M	139	13-EXTRACT-3	3.20
				13-EXTRACT-4	
2/18/10	Tobacco Extract	E2F	1359	13-EXTRACT-6	31.2
		E2M	1392	13-EXTRACT-7	32.0
				13-EXTRACT-8	
		E5F	3398	13-EXTRACT-10	78.1
3/17/10	Tobacco Blend	B2F	1189	14-BLEND-6	31.2
	Tobacco Extract	B2F	1359	14-EXTRACT-6	31.2
4/14/10	Control	CF/CM	0	15-CTRL-1	0

Table 1. Samples Received (Continued)

Date Received	Type	Group	Formulation ID (mg Test Article/kg Feed)	Batch	Target Nicotine Concentration (mg Nicotine/kg Feed)
4/14/10	Tobacco Blend	B0.2F	119	15-BLEND-1	3.13
				15-BLEND-2	
		B0.2M	122	15-BLEND-3	3.20
				15-BLEND-4	
		B2F	1189	15-BLEND-5	31.2
				15-BLEND-6	
		B2M	1218	15-BLEND-7	32.0
				15-BLEND-8	
		B5F	2973	15-BLEND-9	78.1
				15-BLEND-10	
4/15/10	Tobacco Extract	B5M	3044	15-BLEND-11	80.0
				15-BLEND-12	
		E0.2F	136	15-EXTRACT-1	3.13
				15-EXTRACT-2	
		E0.2M	139	15-EXTRACT-3	3.20
				15-EXTRACT-4	
		E2F	1359	15-EXTRACT-5	31.2
				15-EXTRACT-6	
		E2M	1392	15-EXTRACT-7	32.0
				15-EXTRACT-8	
		E5F	3398	15-EXTRACT-9	78.1
				15-EXTRACT-10	
		E5M	3480	15-EXTRACT-11	80.0
				15-EXTRACT-12	
6/9/10	Control	CF/CM	0	16-CTRL-1	0
	Tobacco Blend	B0.2F	119	16-BLEND-1	3.13
				16-BLEND-2	
		B0.2M	122	16-BLEND-3	3.20
				16-BLEND-4	
		B2F	1189	16-BLEND-5	31.2
				16-BLEND-6	
		B2M	1218	16-BLEND-7	32.0
				16-BLEND-8	
		B5F	2973	16-BLEND-9	78.1
				16-BLEND-10	
		B5M	3044	16-BLEND-11	80.0
				16-BLEND-12	
6/10/10	Tobacco Extract	E0.2F	136	16-EXTRACT-1	3.13
				16-EXTRACT-2	
		E0.2M	139	16-EXTRACT-3	3.20
				16-EXTRACT-4	
		E2F	1359	16-EXTRACT-5	31.2
				16-EXTRACT-6	
		E2M	1392	16-EXTRACT-7	32.0
				16-EXTRACT-8	

Table 1. Samples Received (Continued)

Date Received	Type	Group	Formulation ID (mg Test Article/kg Feed)	Batch	Target Nicotine Concentration (mg Nicotine/kg Feed)
6/10/10	Tobacco Extract	E5F	3398	16-EXTRACT-9	78.1
				16-EXTRACT-10	
		E5M	3480	16-EXTRACT-11	80.0
				16-EXTRACT-12	
8/3/10	Control	CF/CM	0	17-CTRL-1	0
	Tobacco Blend	B0.2F	119	17-BLEND-1	3.13
				17-BLEND-2	
		B0.2M	122	17-BLEND-3	3.20
				17-BLEND-4	
		B2F	1189	17-BLEND-5	31.2
				17-BLEND-6	
		B2M	1218	17-BLEND-7	32.0
				17-BLEND-8	
		B5F	2973	17-BLEND-9	78.1
				17-BLEND-10	
		B5M	3044	17-BLEND-11	80.0
				17-BLEND-12	
8/4/10	Tobacco Extract	E0.2F	136	17-EXTRACT-1	3.13
				17-EXTRACT-2	
		E0.2M	139	17-EXTRACT-3	3.20
				17-EXTRACT-4	
		E2F	1359	17-EXTRACT-5	31.2
				17-EXTRACT-6	
		E2M	1392	17-EXTRACT-7	32.0
				17-EXTRACT-8	
8/5/10	Tobacco Extract	E5F	3398	17-EXTRACT-9	78.1
				17-EXTRACT-10	
		E5M	3480	17-EXTRACT-11	80.0
				17-EXTRACT-12	
9/28/10	Control	CF/CM	0	18-CTRL-1	0
9/29/10	Tobacco Blend	B0.2F	119	18-BLEND-1	3.13
				18-BLEND-2	
		B0.2M	122	18-BLEND-3	3.20
				18-BLEND-4	
		B2F	1189	18-BLEND-5	31.2
				18-BLEND-6	
		B2M	1218	18-BLEND-7	32.0
				18-BLEND-8	
9/30/10	Tobacco Blend	B5F	2973	18-BLEND-9	78.1
				18-BLEND-10	
		B5M	3044	18-BLEND-11	80.0
				18-BLEND-12	
9/28/10	Tobacco Extract	E0.2F	136	18-EXTRACT-1	3.13
				18-EXTRACT-2	
		E0.2M	139	18-EXTRACT-3	3.20
				18-EXTRACT-4	

Table 1. Samples Received (Continued)

Date Received	Type	Group	Formulation ID (mg Test Article/kg Feed)	Batch	Target Nicotine Concentration (mg Nicotine/kg Feed)		
9/28/10	Tobacco Extract	E2F	1359	18-EXTRACT-5	31.2		
9/29/10				E2M		1392	18-EXTRACT-5A
							18-EXTRACT-6
		18-EXTRACT-7					
		E5F	3398	18-EXTRACT-8			
18-EXTRACT-9				78.1			
E5M		3480	18-EXTRACT-10	80.0			
	18-EXTRACT-11						
11/22/10	Control	CF/CM	0	19-CTRL-1	0		
	Tobacco Blend	B0.2F	119	19-BLEND-1	3.13		
				19-BLEND-2			
		B0.2M	122	19-BLEND-3	3.20		
				19-BLEND-4			
B2F		1189	19-BLEND-5	31.2			
			19-BLEND-6				
B2M		1218	19-BLEND-7	32.0			
			19-BLEND-8				
B5F		2973	19-BLEND-9	78.1			
			19-BLEND-10				
B5M	3044	19-BLEND-11	80.0				
		19-BLEND-12					
11/24/10	Tobacco Extract	E0.2F	136	19-EXTRACT-1	3.13		
				19-EXTRACT-2			
		E0.2M	139	19-EXTRACT-3	3.20		
				19-EXTRACT-4			
		E2F	1359	19-EXTRACT-5	31.2		
				19-EXTRACT-6			
		E2M	1392	19-EXTRACT-7	32.0		
				19-EXTRACT-8			
		E5F	3398	19-EXTRACT-9	78.1		
				19-EXTRACT-10			
E5M	3480	19-EXTRACT-11	80.0				
		19-EXTRACT-12					
1/19/11	Control	CF/CM	0	20-CTRL-1	0		
	Tobacco Blend	B0.2F	119	20-BLEND-1	3.13		
				20-BLEND-2			
		B0.2M	122	20-BLEND-3	3.20		
				20-BLEND-4			
		B2F	1189	20-BLEND-5	31.2		
				20-BLEND-6			
		B2M	1218	20-BLEND-7	32.0		
				20-BLEND-8			
		B5F	2973	20-BLEND-9	78.1		
20-BLEND-10							

Table 1. Samples Received (Continued)

Date Received	Type	Group	Formulation ID (mg Test Article/kg Feed)	Batch	Target Nicotine Concentration (mg Nicotine/kg Feed)
1/19/11	Tobacco Blend	B5M	3044	20-BLEND-11	80.0
				20-BLEND-12	
	Tobacco Extract	E0.2F	136	20-EXTRACT-1	3.13
				20-EXTRACT-2	
		E0.2M	139	20-EXTRACT-3	3.20
				20-EXTRACT-4	
		E2F	1359	20-EXTRACT-5	31.2
				20-EXTRACT-6	
		E2M	1392	20-EXTRACT-7	32.0
				20-EXTRACT-8	
		E5F	3398	20-EXTRACT-9	78.1
				20-EXTRACT-10	
1/20/11		E5M	3480	20-EXTRACT-11	80.0
				20-EXTRACT-12	

M = Males; F = Females.

a. Homogeneity samples.

2.0 RESULTS

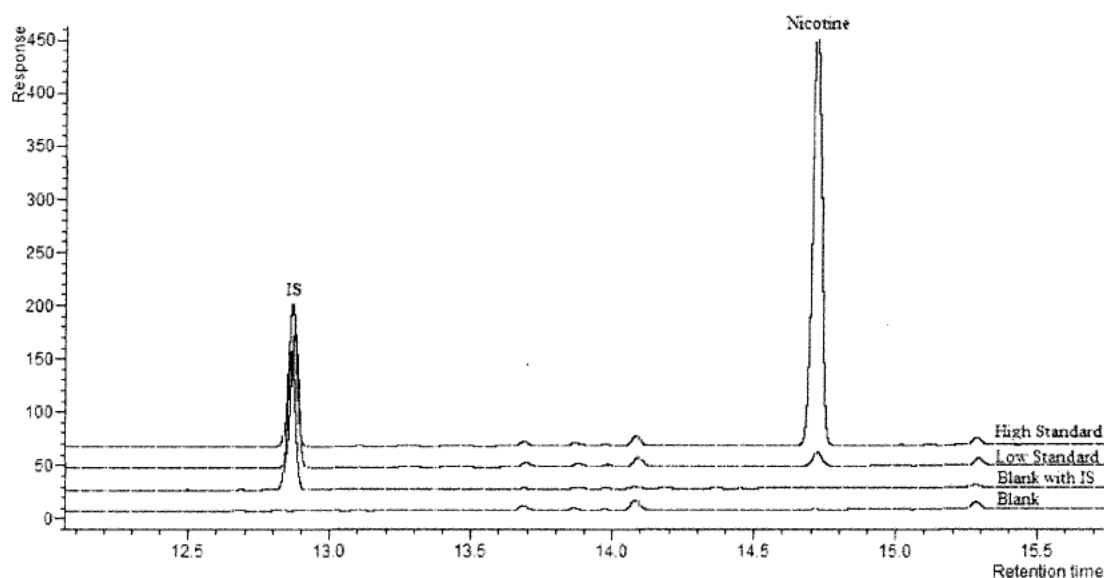
Pre-dose formulations of control, tobacco blend, and tobacco extract doses are shown in Tables 1 through 8, and 12 to 52. Homogeneity assessments of high and low dose formulations for tobacco blend and tobacco extract are shown in Tables 4, 5, 16, and 17. Post-dose (animal room) formulations are shown in Tables 9 through 11. All acceptance criteria (within 10% of target concentrations; relative standard deviation [RSD] less than or equal to 10%) were met except for the following.

- For the analysis on February 18, 2009 – Standard 3 was dropped from the standard curve for not meeting acceptance criteria for relative error (%RE).
- For the analysis on February 18, 2009 – The low dose formulations were too low to bracket with the existing standard curve so a lower standard (target concentration of 1.45 mg/kg) was added to the standard curve. Six additional replicates of this standard were also added to simulate a partial validation for this low standard. The six replicates results are shown in Table 2.

Table 2. Additional Lower Standard

Nominal Nicotine Concentration (mg/kg)	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) \pm s	%RSD	%RE	Average %RE
1.43	1.44	1.42 \pm 0.02	1.4	0.7	-0.7
	1.44			0.7	
	1.41			-1.4	
	1.41			-1.4	
	1.42			-0.7	
	1.40			-2.1	

Representative overlaid chromatograms from nicotine high and low concentration standards, a blank with IS, and a blank are shown in Figure 1.

**Figure 1. Representative Overlaid Chromatograms from Nicotine High and Low Standards, a Blank with IS, and a Blank**

- In the February 18, 2009 analysis, 5-BLEND-7 had an average RE of 10.4 percent, and 5-BLEND-3 had an relative standard deviation (RSD) of 14.9 percent. The formulations were approved for use.
- In the March 18, 2009 analysis, 6-EXTRACT-7 had an average RE of 13.2 percent. The formulation was approved for use.

- In the March 18, 2009 analysis, 6-BLEND-1 had an RSD of 17.1 percent. The formulation was discarded and a new formulation was prepared.
- In the March 24, 2009 analysis, 6A-BLEND-1 had an RSD of 12.6 percent. The formulation was approved for use.
- In the April 6, 2009 animal room sample analysis, 5-BLEND-3 had an average RE of 10.3 percent, and 5-EXTRACT-1 had an average RE of 23.4 percent. There are no acceptance criterion for post-administration samples.
- In the April 13, 2009 analysis, 7-BLEND-1 had an average RE of 15.4 percent. The formulation was approved for use.
- In the May 18, 2009 analysis, 8-BLEND-3 had an average RE of 19.7 percent, and an RSD of 11.0 percent. The formulation was discarded and a new formulation was prepared.
- In the May 18, 2009 analysis, 8-BLEND-2 had an RSD of 10.7 percent, and 8-BLEND-4 had an average RE of 13.6 percent, and an RSD of 14.8%. The formulations were approved for use.
- In the May 28, 2009 analysis, 8A-BLEND-3 had an average RE of 17.5 percent. The formulation was approved for use.
- In the July 8, 2009 analysis, nicotine hydrogen tartrate, Lot 028K0705, was used as an analytical standard but had expired 5/20/09. A lot comparison was performed on this lot and 098K0676 on 7/17/09 and indicated that Lot 028K0705 had a relative purity of 99.6 percent.
- In the July 8, 2009 analysis, 9-BLEND-1 had an average RE of 29.4 percent. 9-BLEND-2 had an average RE of 20.5 percent and an RSD of 23.3%, 9-BLEND-3 had an average RE of 19.6 percent, and 9-BLEND-8 had an average RE of 16.5 percent. The formulations were discarded and new formulations were prepared.
- In the July 8, 2009 analysis, 9-BLEND-6 had an average RE of 15.8 percent and 9-BLEND-7 had an average RE of 13.1 percent. 9-BLEND-12 had an average RE of 11.3 percent. The formulations were approved for use.
- In the July 16, 2009 analysis, 9A-BLEND-1 had an average RE of 16.6 percent and an RSD of 10.4 percent. The formulation was approved for use.
- In the July 8, 2009 analysis, 9-EXTRACT-1 had an average RE of 12.5 percent, 9-EXTRACT-2 had an average RE of 11.1 percent, and 9-EXTRACT-3 had an average RE of 16.0 percent. The formulations were approved for use.

- In the August 3, 2009 analysis, 9B-BLEND-1 had an average RE of 24.0 percent. The formulation was discarded.
- In the August 13, 2009 analysis, 9C-BLEND-1 had an average RE of 20.1 percent and an RSD of 21.3 percent. The formulation was approved for use.
- In the September 9, 2009 analysis, 10-BLEND-1 had an RSD of 10.7 percent, 10-BLEND-2 had an RSD of 10.4 percent, and 10-BLEND-12 had an average RE of 10.4 percent. The formulations were approved for use.
- In the September 9, 2009 analysis, 10-EXTRACT-4 had an average RE of 16.8 percent. The formulation was discarded and a new formulation was prepared.
- In the October 29, 2009 analysis, 11-BLEND-3 had an average RE of 12.3 percent and an RSD of 15.3 percent. The formulation was approved for use.
- In the November 4, 2009 analysis, 11-EXTRACT-2 had an average RE of -12.7 percent. The formulation was approved for use.
- In the December 23, 2009 analysis, 12-BLEND-2 had an RSD of 14.1 percent, 12-BLEND-3 had an RSD of 12.1 percent, 12-BLEND-6 had an average RE of 11.5 percent, and 12-BLEND-7 had an average RE of 10.6 percent. The formulations were approved for use.
- In the February 18, 2010 analysis, the system suitabilities did not meet acceptance criteria for efficiency. There was no adverse impact on the data. All other parameters for the system suitabilities were acceptable, and the chromatography was similar to other runs that were acceptable.
- In the February 18, 2010 analysis, 13-BLEND-1 had an RSD of 12.2 percent and 13-BLEND-2 had an RSD of 11.2 percent. The formulations were approved for use.
- In the April 15, 2010 analysis, 15-BLEND-2 had an RSD of 12.3 percent, 15-BLEND-3 had an RSD of 10.2 percent, 15-BLEND-4 had an average RE of 10.4 percent, and 15-BLEND-7 had an average RE of 15.6 percent. The formulations were approved for use.
- In the June 10, 2010 analysis, 16-BLEND-1 had an RSD of 14.7 percent, 16-BLEND-2 had an RSD of 16.6 percent, 16-BLEND-3 had an average RE of 14.0 percent and an RSD of 10.1 percent, and 16-BLEND-4 had an average RE of 11.0 percent and an RSD of 13.8 percent. The formulations were approved for use.

- In the August 5, 2010 analysis, 17-BLEND-1 had an RSD of 13.4 percent and 17-BLEND-8 had an average RE of 16.2 percent. The formulations were approved for use.
- In the September 28, 2010 analysis, 18-BLEND-2 had an average RE of 13.9 percent, 18-BLEND-3 had an average RE of 15.1 percent, and 18-BLEND-4 had an RSD of 13.0 percent. The formulations were approved for use.
- In the November 24, 2010 analysis, 19-BLEND-1 had an average RE of 10.5 percent, 19-BLEND-2 had an average RE of 12.3 percent, 19-BLEND-4 had an average RE of 12.2 percent and an RSD of 13.9 percent, 19-BLEND-8 had an average RE of 10.2 percent, 19-EXTRACT-2 had an average RE of 14.5 percent and an RSD of 15.6 percent, 19-EXTRACT-4 had an RSD of 15.4 percent, 19-EXTRACT-5 had an RSD of 11.9 percent, and 19-EXTRACT-10 had an RSD of 10.8 percent. The formulations were approved for use.
- In the January 20, 2011 analysis, two of the system suitability injections did not meet acceptance criteria for efficiency, and another two did not meet criteria for asymmetry. There was no adverse impact on the data. All other parameters for the system suitabilities were acceptable. The peak shapes were similar to the other three injections and the chromatography was consistent throughout the entire run. The system suitability RSD was 1.5 percent showing the consistency between injections.
- In the January 20, 2011 analysis, 20-BLEND-2 had an RSD of 14.0 percent, 20-EXTRACT-2 had an RSD of 14.1 percent, 20-EXTRACT-7 had an RSD of 14.0 percent, and 20-EXTRACT-8 had an RSD of 15.9 percent. The formulations were approved for use.

Note: Derived values displayed in this report may have been calculated using truncated (not rounded) values. Calculations performed using truncated values may vary in the last displayed figure from those calculated using the displayed value since the actual calculation may have been made using a value containing more digits than are displayed.

Table 3. Concentration Results for the Control Formulation Analyzed on 2/18/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
1-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 4. Concentration and Homogeneity Results for the Tobacco Blend Formulations Analyzed on 2/18/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Location	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD		Average RE (%)	
5-BLEND-1 B0.2M	61	1.60	Top Left ^c	1.34	1.63 ± 0.06	16.9	3.5	3.1	1.9
				1.88					
				1.73					
			Top Right ^c	1.78		17.4		5.0	
				1.35					
				1.91					
			Bottom ^c	1.51		3.3		-2.1	
				1.61					
1.58									
5-BLEND-3 B0.2F	71	1.88	--	2.11	1.81 ± 0.27	14.9	--	-4.0	
				1.41					
				2.06					
				1.58					
				1.87					
				1.80					
5-BLEND-5 B2M	609	16.0	--	17.7	17.1 ± 0.5	3.0	--	6.9	
				16.7					
				16.9					
5-BLEND-7 B2F	713	18.8	--	20.4	20.8 ± 0.8	4.0	--	10.4	
				21.7					
				20.2					
5-BLEND-9 B5M	1522	40.0	--	43.1	42.9 ± 0.3	0.7	--	7.3	
				42.6					
				43.0					
5-BLEND-11 B5F	1784	46.9	Top Left ^c	47.5	45.7 ± 0.9	6.1	2.0	-0.5	-2.6
				49.0					
				43.5					
			Top Right ^c	43.9		2.9		-4.3	
				46.4					
				44.4					
			Bottom ^c	45.6		4.6	-2.8		
				43.5					
				47.7					

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

c. Homogeneity was assessed for the high and low concentrations.

Table 5. Concentration and Homogeneity Results for the Tobacco Extract Formulations Analyzed on 2/18/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Location	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD		Average RE (%)	
5-EXTRACT-1 E0.2M	70	1.60	Top Left ^c	1.63	1.56 ± 0.01	4.5	0.6	-2.3	-2.5
				1.56					
				1.50					
			Top Right ^c	1.51		3.8		-2.1	
				1.57					
				1.62					
			Bottom ^c	1.52		3.9		-2.9	
				1.62					
				1.52					
5-EXTRACT-3 E0.2F	82	1.88	--	1.94	1.92 ± 0.04	2.0		2.0	
				1.87					
				1.94					
5-EXTRACT-5 E2M	696	16.0	--	16.6	16.9 ± 0.4	2.0		5.8	
				17.4					
				16.8					
5-EXTRACT-7 E2F	816	18.8	--	18.9	18.9 ± 0.2	1.0		0.5	
				19.1					
				18.7					
5-EXTRACT-9 E5M	1740	40.0	--	41.2	41.0 ± 1.0	2.0		2.4	
				41.8					
				39.9					
5-EXTRACT-11 E5F	2039	46.9	Top Left ^c	42.6	43.9 ± 0.9	2.1	2.1	-8.4	-6.4
				42.3					
				44.0					
			Top Right ^c	43.6		5.7		-6.1	
				46.7					
				41.8					
			Bottom ^c	43.6		2.5		-4.5	
				45.7					
				45.1					

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

c. Homogeneity was assessed for the high and low concentrations.

Table 6. Concentration Results for the Control Formulation Analyzed on 3/18/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
2-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 7. Concentration Results for the Tobacco Blend Formulations Analyzed on 3/18/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) \pm s	%RSD	Average RE (%)
6-BLEND-1 B0.2M	91	2.40	2.85	2.17 \pm 0.37	17.1 ^c	-9.7
			2.08			
			2.17			
			2.04			
			2.16			
			1.71			
6-BLEND-3 B0.2F	95	2.50	2.64	2.51 \pm 0.11	4.4	0.4
			2.44			
			2.45			
6-BLEND-5 B2M	913	24.0	26.1	25.8 \pm 1.7	6.6	7.7
			27.4			
			24.0			
6-BLEND-7 B2F	951	25.0	27.6	26.4 \pm 1.6	6.1	5.5
			26.9			
			24.6			
6-BLEND-9 B5M	2283	60.0	63.0	60.6 \pm 2.4	4.0	1.1
			60.6			
			58.3			
6-BLEND-11 B5F	2378	62.5	60.2	62.0 \pm 3.1	5.0	-0.9
			65.5			
			60.2			
6A-BLEND-1 ^d B0.2M	91	2.40	2.32	2.39 \pm 0.30	12.6	-0.5
			2.87			
			2.07			
			1.93			
			2.11			
			2.79			
			2.26			
			2.80			
			2.44			
			2.44			
			2.39			
			2.22			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

c. Additional replicates were analyzed due to a high RSD, but the RSD was still greater than 10%. Formulation was discarded and a new batch was prepared and analyzed.

d. Reformulation analyzed with the acquisition starting March 24, 2009.

Table 8. Concentration Results for the Tobacco Extract Formulations Analyzed on 3/18/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
6-EXTRACT-1 E0.2M	104	2.40	2.29	2.51 ± 0.23	9.2	4.4
			2.22			
			2.64			
			2.66			
			2.72			
6-EXTRACT-3 E0.2F	109	2.50	2.41	2.33 ± 0.07	3.0	-6.9
			2.30			
			2.27			
6-EXTRACT-5 E2M	1044	24.0	26.9	26.0 ± 1.0	3.8	8.5
			26.2			
			25.0			
6-EXTRACT-7 E2F	1087	25.0	28.4	28.3 ± 0.5	2.0	13.2
			27.8			
			28.7			
6-EXTRACT-9 E5M	2610	60.0	62.7	58.7 ± 3.8	6.5	-2.2
			55.1			
			58.3			
6-EXTRACT-11 E5F	2719	62.5	60.0	61.2 ± 1.9	3.1	-2.1
			60.2			
			63.3			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 9. Concentration Results for the Post-Dose (Animal Room) Control Formulation Analyzed on 4/6/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
1-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 10. Concentration Results for the Post-Dose (Animal Room) Tobacco Blend Formulations Analyzed on 4/6/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
5-BLEND-1 B0.2F	61	1.60	1.67	1.62 ± 0.06	4.0	1.5
			1.65			
			1.55			
5-BLEND-3 B0.2M	71	1.88	2.13	2.07 ± 0.07	3.0	10.3
			1.99			
			2.10			
5-BLEND-5 B2F	609	16.0	16.8	16.5 ± 0.6	4.0	3.1
			16.9			
			15.8			
5-BLEND-7 B2M	713	18.8	19.6	19.4 ± 0.4	2.0	3.0
			19.6			
			18.9			
5-BLEND-9 B5F	1522	40.0	38.3	39.8 ± 1.7	4.3	-0.4
			39.6			
			41.6			
5-BLEND-11 B5M	1784	46.9	48.4	48.8 ± 0.4	0.8	4.0
			49.1			
			48.8			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 11. Concentration Results for the Post-Dose (Animal Room) Tobacco Extract Formulations Analyzed on 4/6/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
5-EXTRACT-1 E0.2F	70	1.60	1.94	1.97 ± 0.03	2.0	23.4
			1.99			
			1.99			
5-EXTRACT-3 E0.2M	82	1.88	2.03	1.93 ± 0.11	5.7	2.8
			1.82			
			1.95			
5-EXTRACT-5 E2F	696	16.0	16.0	15.4 ± 0.5	3.0	-3.8
			15.0			
			15.2			
5-EXTRACT-7 E2M	816	18.8	17.9	18.4 ± 1.0	5.0	-2.1
			17.8			
			19.5			
5-EXTRACT-9 E5F	1740	40.0	37.3	38.2 ± 1.3	3.4	-4.4
			37.7			
			39.7			
5-EXTRACT-11 E5M	2039	46.9	48.2	47.8 ± 1.4	2.9	1.9
			48.9			
			46.2			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 12. Concentration Results for the Control Formulation Analyzed on 4/13/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
3-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 13. Concentration Results for the Tobacco Blend Formulations Analyzed on 4/13/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
7-BLEND-1 B0.2F	119	3.13	3.63	3.61 ± 0.16	4.4	15.4
			3.76			
			3.45			
7-BLEND-3 B0.2M	122	3.20	3.66	3.41 ± 0.33	9.7	6.5
			3.03			
			3.53			
7-BLEND-5 B2F	1189	31.2	32.2	33.0 ± 0.8	2.0	5.8
			33.0			
			33.8			
7-BLEND-7 B2M	1218	32.0	36.1	34.5 ± 1.4	4.1	7.7
			33.8			
			33.5			
7-BLEND-9 B5F	2973	78.1	82.4	82.5 ± 2.6	3.2	5.7
			80.0			
			85.2			
7-BLEND-11 B5M	3044	80.0	86.1	84.8 ± 1.4	1.7	6.0
			83.4			
			84.8			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 14. Concentration Results for the Tobacco Extract Formulations Analyzed on 4/13/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
7-EXTRACT-1 E0.2F	136	3.13	3.19	3.18 ± 0.01	0.3	1.7
			3.17			
			3.19			
7-EXTRACT-3 E0.2M	139	3.20	3.14	3.23 ± 0.08	2.0	0.8
			3.25			
			3.29			
7-EXTRACT-5 E2F	1359	31.2	32.2	32.2 ± 0.6	2.0	3.3
			32.8			
			31.7			
7-EXTRACT-7 E2M	1392	32.0	32.6	32.2 ± 0.4	1.0	0.5
			32.1			
			31.8			
7-EXTRACT-9 E5F	3398	78.1	74.8	74.1 ± 1.3	1.8	-5.1
			72.6			
			74.9			
7-EXTRACT-11 E5M	3480	80.0	77.8	77.6 ± 1.4	1.8	-3.1
			76.1			
			78.8			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 15. Concentration Results for the Control Formulation Analyzed on 5/18/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
8-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 16. Concentration and Homogeneity Results for the Tobacco Blend Formulations Analyzed on 5/18/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Location	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD		Average RE (%)	
8-BLEND-1 B0.2F	119	3.13	Top Right ^c	3.05	3.13 ± 0.07	10.0	2.2	2.5	0.0
				3.00					
				3.58					
			Top Left ^c	3.06		6.8	2.2	-1.5	
				2.89					
				3.30					
			Bottom ^c	3.39		8.7	2.2	-1.1	
				2.87					
				3.03					
				2.94					
8-BLEND-2 B0.2F	119	3.13	--	3.63	3.28 ± 0.35	10.7		4.8	
				3.27					
				3.65					
8-BLEND-3 B0.2M	122	3.20	--	4.31	3.83 ± 0.42	11.0		19.7	
				3.53					
				4.25					
8-BLEND-4 B0.2M	122	3.20	--	3.21	3.64 ± 0.54	14.8		13.6	
				3.45					
				34.6					
8-BLEND-5 B2F	1189	31.2	--	31.6	32.8 ± 1.6	4.9		5.1	
				32.2					
				33.9					
8-BLEND-6 B2F	1189	31.2	--	33.4	33.4 ± 0.5	1.0		7.1	
				32.9					
				34.7					
8-BLEND-7 B2M	1218	32.0	--	33.8	34.2 ± 0.5	1.0		6.8	
				34.0					
				33.1					
8-BLEND-8 B2M	1218	32.0	--	31.6	32.6 ± 0.9	3.0		2.0	
				33.2					
				78.6					
8-BLEND-9 B5F	2973	78.1	--	78.9	77.9 ± 1.5	1.9		-0.3	
				76.2					
				76.4					
8-BLEND-10 B5F	2973	78.1	--	76.1	75.4 ± 1.4	1.9		-3.4	
				73.8					

Table 16. Concentration and Homogeneity Results for the Tobacco Blend Formulations Analyzed on 5/18/09 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Location	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD		Average RE (%)	
8-BLEND-11 B5M	3044	80.0	Top Right ^c	77.3	80.4 ± 1.7	3.8	2.1	0.0	0.5
				83.2					
				79.6					
			Top Left ^c	78.0		2.5		-1.4	
				77.5					
				81.2					
			Bottom ^c	84.9		4.3		2.8	
				83.6					
				78.3					
				76.6					
8-BLEND-12 B5M	3044	80.0	--	77.7	78.0 ± 1.6	2.1	-2.5		
				79.8					
8A-BLEND-3 ^d B0.2M	122	3.20	--	3.56	3.76 ± 0.37	9.8	17.5		
				4.14					
				3.88					
				3.12					
				4.06					
				3.80					

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

c. Homogeneity was assessed for the high and low concentrations.

d. Sample is the re-prepared formulation and was analyzed on 5/28/09 and 5/29/09.

Table 17. Concentration and Homogeneity Results for the Tobacco Extract Formulations Analyzed on 5/18/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Location	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD		Average RE (%)	
8-EXTRACT-1 E0.2F	136	3.13	Top Right ^c	2.88	3.07 ± 0.12	2.7	3.9	-5.8	-1.9
				3.03					
				2.94					
			Top Left ^c	3.17		11.3	3.9	1.6	-1.9
				3.54					
				2.83					
			Bottom ^c	3.11		3.6	3.9	-2.0	-1.9
				2.94					
				3.15					
8-EXTRACT-2 E0.2F	136	3.13	--	3.18	3.18 ± 0.03	0.9		1.6	
				3.15					
				3.21					
8-EXTRACT-3 E0.2M	139	3.20	--	3.27	3.21 ± 0.07	2.0		0.2	
				3.14					
				3.21					
8-EXTRACT-4 E0.2M	139	3.20	--	3.10	3.07 ± 0.17	5.5		-4.0	
				3.23					
				2.89					
8-EXTRACT-5 E2F	1359	31.2	--	28.6	31.3 ± 3.1	9.9		0.2	
				34.7					
				30.5					
8-EXTRACT-6 E2F	1359	31.2	--	30.9	30.4 ± 2.3	7.6		-2.7	
				32.4					
				27.8					
8-EXTRACT-7 E2M	1392	32.0	--	27.0	29.3 ± 2.0	6.8		-8.3	
				30.3					
				30.7					
8-EXTRACT-8 E2M	1392	32.0	--	32.7	32.8 ± 0.2	0.6		2.6	
				32.7					
				33.1					

Table 17. Concentration and Homogeneity Results for the Tobacco Extract Formulations Analyzed on 5/18/09 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Location	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
8-EXTRACT-9 E5F	3398	78.1	--	72.1	73.5 ± 2.0	2.7	-5.9
				72.6			
				75.8			
8-EXTRACT-10 E5F	3398	78.1	--	68.7	74.0 ± 5.3	7.2	-5.2
				74.1			
				79.2			
8-EXTRACT-11 E5M	3480	80	--	71.1	72.1 ± 3.2	4.4	-9.9
				69.5			
				75.7			
8-EXTRACT-12 E5M	3480	80	Top Right ^c	77.3	76.9 ± 3.5	7.7	-7.7
				77.0			
				67.2			
			Top Left ^c	74.7		3.4	-4.6
				74.9			
				79.3			
			Bottom ^c	82.3		3.2	0.9
				77.7			
				82.2			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

c. Homogeneity was assessed for the high and low concentrations.

Table 18. Concentration Results for the Control Formulation Analyzed on 7/8/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
9-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 19. Concentration Results for the Tobacco Blend Formulations Analyzed on 7/8/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) \pm s	%RSD	Average RE (%)
9-BLEND-1 B0.2F	119	3.13	4.21	4.05 \pm 0.26	6.4	29.4
			4.19			
			3.75			
9-BLEND-2 B0.2F	119	3.13	2.94	3.77 \pm 0.88	23.3	20.5
			3.67			
			4.70			
9-BLEND-3 B0.2M	122	3.20	3.65	3.83 \pm 0.18	4.7	19.6
			3.83			
			4.00			
9-BLEND-4 B0.2M	122	3.20	3.15	3.18 \pm 0.05	2.0	-0.8
			3.23			
			3.15			
9-BLEND-5 B2F	1189	31.2	33.7	33.4 \pm 0.4	1.0	6.9
			33.5			
			32.9			
9-BLEND-6 B2F	1189	31.2	36.6	36.1 \pm 0.4	1.0	15.8
			36.0			
			35.8			
9-BLEND-7 B2M	1218	32.0	37.8	36.2 \pm 1.4	3.9	13.1
			35.2			
			35.6			
9-BLEND-8 B2M	1218	32.0	37.5	37.3 \pm 0.2	0.5	16.5
			37.2			
			37.1			
9-BLEND-9 B5F	2973	78.1	80.1	83.6 \pm 3.4	4.1	7.0
			83.7			
			86.9			
9-BLEND-10 B5F	2973	78.1	82.9	85.5 \pm 2.8	3.3	9.4
			88.4			
			85.1			
9-BLEND-11 B5M	3044	80.0	88.3	87.5 \pm 0.9	1.0	9.4
			87.7			
			86.5			
9-BLEND-12 B5M	3044	80.0	90.7	89.0 \pm 1.5	1.7	11.3
			88.0			
			88.3			
9A-BLEND-1 B0.2F ^c	119	3.13	3.59	3.65 \pm 0.38	10.4	16.6
			3.25			
			4.29			
			3.62 ^g			
			3.32 ^g			
			3.82 ^g			

Table 19. Concentration Results for the Tobacco Blend Formulations Analyzed on 7/8/09 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
9ABLEND-2 B0.2F ^c	119	3.13	3.43	3.22 ± 0.22	6.8	3.0
			3.25			
			2.99			
9A-BLEND-3 B0.2M ^c	122	3.20	3.74	3.38 ± 0.32	9.5	5.6
			3.26			
			3.14			
9A-BLEND-8 B2M ^c	1218	32.0	34.2	34.2 ± 0.5	1.0	6.8
			34.6			
			33.7			
9B-BLEND-1 B0.2F ^d	119	3.13	3.63	3.88 ± 0.26	6.7	24.0
			4.14			
			3.87			
9C-BLEND-1 B0.2F ^{e,f}	119	3.13	2.90	3.76 ± 0.80	21.3	20.1
			3.33			
			3.40			
			4.94			
			4.55			
			3.43			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

c. Sample analyzed on 7/16/09.

d. Sample analyzed on 8/3/09.

e. Additional replicates were weighed and analyzed due to high RSD in the initial replicates.

f. Sample analyzed on 8/13/09.

g. Additional replicates analyzed due to high RSD.

Table 20. Concentration Results for the Tobacco Extract Formulations Analyzed on 7/8/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
9-EXTRACT-1 E0.2F	136	3.13	3.48	3.52 ± 0.05	1.0	12.5
			3.58			
			3.50			
9-EXTRACT-2 E0.2F	136	3.13	3.41	3.48 ± 0.07	2.0	11.1
			3.54			
			3.48			
9-EXTRACT-3 E0.2M	139	3.20	3.65	3.71 ± 0.06	2.0	16.0
			3.76			
			3.72			
9-EXTRACT-4 E0.2M	139	3.20	3.25	3.34 ± 0.09	3.0	4.4
			3.43			
			3.34			
9-EXTRACT-5 E2F	1359	31.2	31.6	32.2 ± 0.5	2.0	3.1
			32.5			
			32.4			
9-EXTRACT-6 E2F	1359	31.2	33.8	32.8 ± 1.9	5.8	5.1
			34.0			
			30.6			
9-EXTRACT-7 E2M	1392	32.0	31.2	31.8 ± 0.7	2.0	-0.6
			31.6			
			32.6			
9-EXTRACT-8 E2M	1392	32.0	31.5	31.5 ± 1.2	3.8	-1.7
			30.3			
			32.6			
9-EXTRACT-9 E5F	3398	78.1	82.7	81.9 ± 4.2	5.1	4.8
			77.3			
			85.6			
9-EXTRACT-10 E5F	3398	78.1	80.5	80.7 ± 0.6	0.7	3.3
			80.2			
			81.3			
9-EXTRACT-11 E5M	3480	80.0	81.5	82.2 ± 1.8	2.2	2.8
			80.9			
			84.3			
9-EXTRACT-12 E5M	3480	80.0	76.3	78.8 ± 3.1	3.9	-1.5
			82.3			
			77.8			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 21. Concentration Results for the Control Formulation Analyzed on 9/9/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
10-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Due to the previous analyses of the blend lower doses having high RSDs, the B0.2 batches were analyzed with six replicates for the remainder of the study.

Table 22. Concentration Results for the Tobacco Blend Formulations Analyzed on 9/9/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
10-BLEND-1 B0.2F	119	3.13	3.59	3.35 ± 0.36	10.7	7.0
			2.96			
			3.04			
			3.11			
			3.84			
			3.55			
10-BLEND-2 B0.2F	119	3.13	3.31	3.27 ± 0.34	10.4	4.4
			3.39			
			2.89			
			3.86			
			3.06			
			3.09			
10-BLEND-3 B0.2M	122	3.20	3.74	3.49 ± 0.13	3.7	9.0
			3.44			
			3.41			
			3.51			
			3.41			
			3.41			
10-BLEND-4 B0.2M	122	3.20	3.00	3.26 ± 0.19	5.8	1.8
			3.51			
			3.20			
			3.45			
			3.24			
			3.14			
10-BLEND-5 B2F	1189	31.2	32.6	33.4 ± 1.0	3.0	7.2
			33.2			
			34.5			

Table 22. Concentration Results for the Tobacco Blend Formulations Analyzed on 9/9/09 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
10-BLEND-6 B2F	1189	31.2	33.9	33.4 ± 0.4	1.0	7.2
			33.1			
			33.3			
10-BLEND-7 B2M	1218	32.0	34.1	33.9 ± 1.5	4.4	5.9
			35.3			
			32.3			
10-BLEND-8 B2M	1218	32.0	33.7	33.8 ± 0.5	1.5	5.7
			34.4			
			33.4			
10-BLEND-9 B5F	2973	78.1	84.2	83.3 ± 1.5	1.8	6.7
			84.2			
			81.6			
10-BLEND-10 B5F	2973	78.1	82.5	81.8 ± 0.9	1.1	4.7
			82.1			
			80.7			
10-BLEND-11 B5M	3044	80.0	89.9	87.5 ± 2.1	2.4	9.4
			86.9			
			85.8			
10-BLEND-12 B5M	3044	80.0	88.2	88.3 ± 0.2	0.2	10.4
			88.2			
			88.5			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 23. Concentration Results for the Tobacco Extract Formulations Analyzed on 9/9/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
10-EXTRACT-1 E0.2F	136	3.13	3.36	3.39 ± 0.04	1.0	8.4
			3.38			
			3.44			
10-EXTRACT-2 E0.2F	136	3.13	3.34	3.32 ± 0.09	3.0	6.1
			3.40			
			3.22			
10-EXTRACT-3 E0.2M	139	3.20	3.43	3.39 ± 0.19	5.6	5.8
			3.18			
			3.55			
10-EXTRACT-4 E0.2M	139	3.20	3.85	3.74 ± 0.27	7.2	16.8
			3.43			
			3.93			

Table 23. Concentration Results for the Tobacco Extract Formulations Analyzed on 9/9/09 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
10-EXTRACT-5 E2F	1359	31.2	31.2	32.8 ± 1.7	5.2	5.2
			34.5			
			32.8			
10-EXTRACT-6 E2F	1359	31.2	33.1	32.1 ± 0.8	2.0	3.0
			31.7			
			31.6			
10-EXTRACT-7 E2M	1392	32.0	32.2	33.6 ± 1.3	3.9	5.1
			33.9			
			34.8			
10-EXTRACT-8 E2M	1392	32.0	33.6	32.9 ± 0.8	2.0	2.8
			33.0			
			32.1			
10-EXTRACT-9 E5F	3398	78.1	76.0	76.1 ± 3.0	3.9	-2.6
			79.1			
			73.1			
10-EXTRACT-10 E5F	3398	78.1	85.8	79.5 ± 5.5	6.9	1.8
			75.5			
			77.1			
10-EXTRACT-11 E5M	3480	80.0	82.7	84.1 ± 4.5	5.4	5.2
			80.5			
			89.2			
10-EXTRACT-12 E5M	3480	80.0	80.8	84.0 ± 3.4	4.0	5.1
			83.8			
			87.5			
10A-EXTRACT-4 E0.2M ^c	139	3.20	3.35	3.28 ± 0.07	2.0	2.6
			3.28			
			3.22			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

c. Sample analyzed on 9/21/09 as a replacement for batch 10-EXTRACT-4.

Table 24. Concentration Results for the Control Formulation Analyzed on 10/29/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
11-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 25. Concentration Results for the Tobacco Blend Formulations Analyzed on 10/29/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
11-BLEND-1 B0.2F	119	3.13	2.88	3.14 ± 0.28	8.9	0.4
			3.34			
			2.89			
			2.89			
			3.48			
			3.37			
11-BLEND-2 B0.2F	119	3.13	3.31	3.33 ± 0.23	6.9	6.3
			3.46			
			3.10			
			3.41			
			3.03			
			3.66			
11-BLEND-3 B0.2M	122	3.20	4.01	3.59 ± 0.55	15.3	12.3
			4.48			
			3.10			
			3.24			
			3.56			
			3.16			
11-BLEND-4 B0.2M	122	3.20	3.47	3.42 ± 0.23	6.7	6.8
			3.00			
			3.44			
			3.37			
			3.57			
			3.66			
11-BLEND-5 B2F	1189	31.2	33.7	33.8 ± 1.2	3.6	8.2
			35.0			
			32.6			
11-BLEND-6 B2F	1189	31.2	33.6	33.3 ± 1.9	5.7	6.7
			35.0			
			31.3			
11-BLEND-7 B2M	1218	32.0	32.7	31.8 ± 1.1	3.5	-0.7
			32.0			
			30.6			
11-BLEND-8 B2M	1218	32.0	31.9	32.1 ± 0.3	0.9	0.3
			32.0			
			32.4			
11-BLEND-9 B5F	2973	78.1	78.1	80.7 ± 2.9	3.6	3.4
			80.2			
			83.9			
11-BLEND-10 B5F	2973	78.1	86.1	85.0 ± 1.4	1.6	8.8
			85.5			
			83.4			

Table 25. Concentration Results for the Tobacco Blend Formulations Analyzed on 10/29/09 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
11-BLEND-11 B5M	3044	80.0	70.0	73.9 ± 3.4	4.6	-7.6
			75.6			
			76.2			
11-BLEND-12 B5M	3044	80.0	76.2	77.5 ± 1.2	1.5	-3.2
			77.7			
			78.5			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 26. Concentration Results for the Tobacco Extract Formulations Analyzed on 11/4/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
11-EXTRACT-1 E0.2F	136	3.13	3.15	2.95 ± 0.18	6.1	-5.9
			2.82			
			2.87			
11-EXTRACT-2 E0.2F	136	3.13	2.78	2.73 ± 0.04	1.0	-12.7
			2.72			
			2.70			
11-EXTRACT-3 E0.2M	139	3.20	2.93	2.93 ± 0.08	3.0	-8.5
			3.00			
			2.85			
11-EXTRACT-4 E0.2M	139	3.20	2.88	2.91 ± 0.05	2.0	-9.1
			2.97			
			2.88			
11-EXTRACT-5 E2F	1359	31.2	30.3	30.1 ± 0.9	3.0	-3.4
			29.2			
			30.9			
11-EXTRACT-6 E2F	1359	31.2	29.3	29.4 ± 0.2	0.7	-5.7
			29.3			
			29.7			
11-EXTRACT-7 E2M	1392	32.0	29.3	29.9 ± 0.5	2.0	-6.6
			30.1			
			30.2			
11-EXTRACT-8 E2M	1392	32.0	29.1	29.4 ± 0.3	1.0	-8.1
			29.4			
			29.7			
11-EXTRACT-9 E5F	3398	78.1	80.6	77.0 ± 3.1	4.0	-1.4
			74.7			
			75.8			

Table 26. Concentration Results for the Tobacco Extract Formulations Analyzed on 11/4/09 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
11-EXTRACT-10 E5F	3398	78.1	79.8	78.9 ± 0.9	1.0	1.0
			78.8			
			78.1			
11-EXTRACT-11 E5M	3480	80.0	81.7	81.2 ± 0.6	0.7	1.4
			80.6			
			81.2			
11-EXTRACT-12 E5M	3480	80.0	78.5	83.0 ± 4.0	4.8	3.7
			86.2			
			84.2			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 27. Concentration Results for the Control Formulation Analyzed on 12/23/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
12-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 28. Concentration Results for the Tobacco Blend Formulations Analyzed on 12/23/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
12-BLEND-1 B0.2F	119	3.13	4.34 ^c	3.15 ± 0.30	9.5	0.7
			2.74			
			3.14			
			3.07			
			3.41			
			3.40			
12-BLEND-2 B0.2F	119	3.13	3.28	3.13 ± 0.44	14.1	0.0
			3.84			
			2.96			
			2.64			
			3.30			
			2.76			
12-BLEND-3 B0.2M	122	3.20	3.42	3.47 ± 0.42	12.1	8.5
			3.25			
			3.64			
			3.64			
			4.05			
			2.82			
12-BLEND-4 B0.2M	122	3.20	3.42	3.27 ± 0.30	9.2	2.1
			3.21			
			3.35			
			4.58 ^c			
			3.51			
			2.84			
12-BLEND-5 B2F	1189	31.2	34.5	33.5 ± 1.2	3.6	7.3
			33.7			
			32.2			
12-BLEND-6 B2F	1189	31.2	36.5	34.8 ± 1.6	4.6	11.5
			34.6			
			33.3			
12-BLEND-7 B2M	1218	32.0	35.2	35.4 ± 1.4	4.0	10.6
			36.9			
			34.1			
12-BLEND-8 B2M	1218	32.0	34.9	34.1 ± 2.5	7.3	6.7
			36.2			
			31.3			
12-BLEND-9 B5F	2973	78.1	77.4	80.6 ± 2.9	3.6	3.3
			81.5			
			83.0			
12-BLEND-10 B5F	2973	78.1	81.8	81.3 ± 2.0	2.5	4.1
			79.1			
			83.1			

Table 28. Concentration Results for the Tobacco Blend Formulations Analyzed on 12/23/09 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
12-BLEND-11 B5M	3044	80.0	79.2	81.2 ± 2.1	2.6	1.5
			80.9			
			83.4			
12-BLEND-12 B5M	3044	80.0	87.5	82.7 ± 4.7	5.7	3.4
			78.2			
			82.5			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

c. The replicate was Q-tested out as a statistical outlier with a 90% confidence level and is not included in the calculations.

Table 29. Concentration Results for the Tobacco Extract Formulations Analyzed on 12/23/09

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
12-EXTRACT-1 E0.2F	136	3.13	2.96	3.04 ± 0.08	3.0	-2.7
			3.06			
			3.11			
12-EXTRACT-2 E0.2F	136	3.13	3.01	3.04 ± 0.04	1.0	-3.0
			3.08			
			3.02			
12-EXTRACT-3 E0.2M	139	3.20	3.03	3.09 ± 0.09	3.0	-3.3
			3.06			
			3.19			
12-EXTRACT-4 E0.2M	139	3.20	3.00	3.10 ± 0.11	3.5	-3.2
			3.08			
			3.22			
12-EXTRACT-5 E2F	1359	31.2	30.6	31.0 ± 0.5	2.0	-0.7
			30.8			
			31.5			
12-EXTRACT-6 E2F	1359	31.2	33.9	32.9 ± 1.1	3.3	5.5
			31.8			
			33.0			
12-EXTRACT-7 E2M	1392	32.0	31.8	31.7 ± 1.4	4.4	-0.9
			30.3			
			33.0			
12-EXTRACT-8 E2M	1392	32.0	30.9	32.2 ± 1.5	4.7	0.7
			33.8			
			32.0			
12-EXTRACT-9 E5F	3398	78.1	77.2	76.6 ± 0.9	1.2	-2.0
			77.0			
			75.5			

Table 29. Concentration Results for the Tobacco Extract Formulations Analyzed on 12/23/09 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
12-EXTRACT-10 E5F	3398	78.1	74.9	77.0 ± 1.9	2.5	-1.4
			78.7			
			77.5			
12-EXTRACT-11 E5M	3480	80.0	83.8	78.8 ± 5.5	7.0	-1.5
			72.9			
			79.8			
12-EXTRACT-12 E5M	3480	80.0	81.7	79.5 ± 3.0	3.8	-0.6
			80.8			
			76.1			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 30. Concentration Results for the Control Formulation Analyzed on 2/18/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
13-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 31. Concentration Results for the Tobacco Blend Formulations Analyzed on 2/18/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) \pm s	%RSD	Average RE (%)
13-BLEND-1 B0.2F	119	3.13	3.13	3.35 \pm 0.41	12.2	6.9
			3.46			
			3.90			
			3.16			
			2.76			
			3.67			
13-BLEND-2 B0.2F	119	3.13	3.42	3.39 \pm 0.38	11.2	8.3
			2.84			
			3.41			
			3.19			
			4.00			
			3.47			
13-BLEND-3 B0.2M	122	3.20	2.92	3.04 \pm 0.19	6.3	-5.0
			3.10			
			2.87			
			2.84			
			3.26			
			3.26			
13-BLEND-4 B0.2M	122	3.20	3.24	3.48 \pm 0.27	7.8	8.8
			3.54			
			3.26			
			3.79			
			3.81			
			3.24			
13-BLEND-6 B2F	1189	31.2	30.2	30.6 \pm 1.2	3.9	-2.0
			29.6			
			31.9			
13-BLEND-7 B2M	1218	32.0	32.9	34.4 \pm 1.7	4.9	7.5
			34.0			
			36.3			
13-BLEND-8 B2M	1218	32.0	34.2	34.2 \pm 0.6	2.0	6.9
			34.8			
			33.6			
13-BLEND-10 B5F	2973	78.1	75.6	79.6 \pm 3.5	4.4	1.9
			82.0			
			81.1			
13-BLEND-11 B5M	3044	80.0	81.9	79.7 \pm 2.3	2.9	-0.4
			77.3			
			79.9			
13-BLEND-12 B5M	3044	80.0	80.7	80.6 \pm 0.6	0.7	0.8
			81.1			
			80.0			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 32. Concentration Results for the Tobacco Extract Formulations Analyzed on 2/18/1

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
13-EXTRACT-1 E0.2F	136	3.13	3.24	3.11 ± 0.13	4.2	-0.5
			3.12			
			2.98			
13-EXTRACT-2 E0.2F	136	3.13	3.19	3.19 ± 0.05	2.0	1.9
			3.14			
			3.24			
13-EXTRACT-3 E0.2M	139	3.20	3.38	3.24 ± 0.12	3.7	1.3
			3.21			
			3.14			
13-EXTRACT-4 E0.2M	139	3.20	3.23	3.11 ± 0.27	8.7	-2.8
			2.80			
			3.30			
13-EXTRACT-6 E2F	1359	31.2	29.6	30.9 ± 2.2	7.1	-0.9
			33.4			
			29.7			
13-EXTRACT-7 E2M	1392	32.0	31.2	32.4 ± 1.7	5.2	1.3
			34.3			
			31.7			
13-EXTRACT-8 E2M	1392	32.0	36.9	33.8 ± 2.7	8.0	5.7
			32.4			
			32.2			
13-EXTRACT-10 E5F	3398	78.1	75.8	78.5 ± 2.7	3.4	0.6
			81.2			
			78.6			
13-EXTRACT-11 E5M	3480	80.0	76.6	76.5 ± 2.5	3.3	-4.4
			78.9			
			73.9			
13-EXTRACT-12 E5M	3480	80.0	84.7	78.5 ± 5.4	6.9	-1.9
			76.0			
			74.8			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 33. Concentration Results for the Tobacco Blend Formulations Analyzed on 3/17/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
14-BLEND-6 B2F	1189	31.2	33.1	34.2 ± 1.3	3.8	9.6
			35.7			
			33.8			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 34. Concentration Results for the Tobacco Extract Formulations Analyzed on 3/17/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
14-EXTRACT-6 E2F	1359	31.2	30.1	30.9 ± 0.8	3.0	-0.9
			31.6			
			31.0			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 35. Concentration Results for the Control Formulation Analyzed on 4/15/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
15-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 36. Concentration Results for the Tobacco Blend Formulations Analyzed on 4/15/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) \pm s	%RSD	Average RE (%)
15-BLEND-1 B0.2F	119	3.13	3.46	3.25 \pm 0.26	8.0	3.8
			3.30			
			3.40			
			2.84			
			3.47			
			3.02			
15-BLEND-2 B0.2F	119	3.13	3.74	3.24 \pm 0.40	12.3	3.6
			3.68			
			2.94			
			2.82			
			2.97			
			3.31			
15-BLEND-3 B0.2M	122	3.20	2.96	3.44 \pm 0.35	10.2	7.4
			3.49			
			3.56			
			3.08			
			3.67			
			3.86			
15-BLEND-4 B0.2M	122	3.20	3.79	3.53 \pm 0.32	9.1	10.4
			3.05			
			3.41			
			3.43			
			3.54			
			3.98			
15-BLEND-5 B2F	1189	31.2	33.4	33.9 \pm 1.5	4.4	8.8
			35.6			
			32.8			
15-BLEND-6 B2F	1189	31.2	35.2	33.5 \pm 2.1	6.3	7.3
			31.1			
			34.1			
15-BLEND-7 B2M	1218	32.0	36.2	37.0 \pm 0.8	2.0	15.6
			37.8			
			37.0			
15-BLEND-8 B2M	1218	32.0	36.8	34.7 \pm 1.9	5.5	8.5
			34.1			
			33.2			
15-BLEND-9 B5F	2973	78.1	80.0	82.9 \pm 2.5	3.0	6.1
			84.6			
			84.1			
15-BLEND-10 B5F	2973	78.1	79.3	81.5 \pm 2.0	2.5	4.4
			83.2			
			82.1			
15-BLEND-11 B5M	3044	80.0	85.5	86.0 \pm 1.8	2.1	7.5
			84.5			
			88.0			

Table 36. Concentration Results for the Tobacco Blend Formulations Analyzed on 4/15/10 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
15-BLEND-12 B5M	3044	80.0	81.4	84.0 ± 4.6	5.5	5.0
			81.3			
			89.3			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 37. Concentration Results for the Tobacco Extract Formulations Analyzed on 4/15/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
15-EXTRACT-1 E0.2F	136	3.13	3.25	3.26 ± 0.01	0.3	4.3
			3.27			
			3.27			
15-EXTRACT-2 E0.2F	136	3.13	3.22	3.38 ± 0.16	4.7	7.9
			3.38			
			3.53			
15-EXTRACT-3 E0.2M	139	3.20	3.36	3.38 ± 0.03	0.9	5.6
			3.36			
			3.42			
15-EXTRACT-4 E0.2M	139	3.20	3.38	3.37 ± 0.05	1.0	5.3
			3.41			
			3.32			
15-EXTRACT-5 E2F	1359	31.2	32.9	31.5 ± 1.5	4.8	1.0
			31.6			
			30.0			
15-EXTRACT-6 E2F	1359	31.2	31.5	31.6 ± 0.1	0.3	1.2
			31.5			
			31.7			
15-EXTRACT-7 E2M	1392	32.0	32.5	32.5 ± 0.1	0.3	1.7
			32.6			
			32.5			
15-EXTRACT-8 E2M	1392	32.0	32.4	32.0 ± 0.3	0.9	0.1
			31.8			
			31.9			
15-EXTRACT-9 E5F	3398	78.1	80.2	80.0 ± 1.0	1.3	2.4
			80.8			
			78.9			
15-EXTRACT-10 E5F	3398	78.1	81.9	79.5 ± 2.3	2.9	1.8
			79.3			
			77.4			

Table 37. Concentration Results for the Tobacco Extract Formulations Analyzed on 4/15/10 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	RSD	Average RE (%)
15-EXTRACT-11 E5M	3480	80.0	80.1	81.4 ± 2.1	2.6	1.8
			83.8			
			80.3			
15-EXTRACT-12 E5M	3480	80.0	79.7	81.2 ± 1.6	2.0	1.5
			82.8			
			81.2			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 38. Concentration Results for the Control Formulation Analyzed on 6/10/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
16-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 39. Concentration Results for the Tobacco Blend Formulations Analyzed on 6/10/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) \pm s	%RSD	Average RE (%)
16-BLEND-1 B0.2F	119	3.13	3.63	3.19 \pm 0.47	14.7	2.1
			3.75			
			2.80			
			2.76			
			3.03			
			4.70 ^c			
16-BLEND-2 B0.2F	119	3.13	4.15	3.31 \pm 0.55	16.6	5.6
			2.88			
			2.99			
			3.51			
			3.61			
			2.70			
16-BLEND-3 B0.2M	122	3.20	3.55	3.65 \pm 0.37	10.1	14.0
			3.28			
			3.92			
			3.64			
			3.27			
			4.23			
16-BLEND-4 B0.2M	122	3.20	3.83	3.55 \pm 0.49	13.8	11.0
			4.14			
			3.10			
			3.18			
			3.05			
			4.00			
16-BLEND-5 B2F	1189	31.2	31.4	34.0 \pm 2.2	6.5	8.9
			35.0			
			35.5			
16-BLEND-6 B2F	1189	31.2	33.2	32.9 \pm 3.1	9.4	5.3
			29.6			
			35.8			
16-BLEND-7 B2M	1218	32.0	32.4	32.4 \pm 1.8	5.6	1.3
			30.6			
			34.2			
16-BLEND-8 B2M	1218	32.0	33.8	33.7 \pm 2.3	6.8	5.2
			31.3			
			35.9			
16-BLEND-9 B5F	2973	78.1	74.6	74.4 \pm 5.0	6.7	-4.8
			79.2			
			69.3			
16-BLEND-10 B5F	2973	78.1	66.0	70.8 \pm 4.7	6.6	-9.3
			75.4			
			71.1			

Table 39. Concentration Results for the Tobacco Blend Formulations Analyzed on 6/10/10 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
16-BLEND-11 B5M	3044	80.0	68.8	75.6 ± 6.4	8.5	-5.5
			76.4			
			81.5			
* 16-BLEND-12 B5M	3044	80.0	79.2	74.8 ± 5.8	7.8	-6.5
			68.3			
			77.0			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

c. The replicate was Q-tested out as a statistical outlier with a 90% confidence level and is not included in the calculations.

Table 40. Concentration Results for the Tobacco Extract Formulations Analyzed on 6/10/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
16-EXTRACT-1 E0.2F	136	3.13	3.17	3.18 ± 0.11	3.5	1.5
			3.29			
			3.07			
16-EXTRACT-2 E0.2F	136	3.13	3.03	3.11 ± 0.14	4.5	-0.5
			3.03			
			3.28			
16-EXTRACT-3 E0.2M	139	3.20	3.32	3.25 ± 0.14	4.3	1.4
			3.08			
			3.34			
16-EXTRACT-4 E0.2M	139	3.20	3.26	3.19 ± 0.12	3.8	-0.3
			3.26			
			3.05			
16-EXTRACT-5 E2F	1359	31.2	31.5	32.0 ± 0.6	2.0	2.6
			31.9			
			32.6			
16-EXTRACT-6 E2F	1359	31.2	32.7	32.1 ± 0.9	3.0	2.9
			31.1			
			32.5			
16-EXTRACT-7 E2M	1392	32.0	32.3	31.5 ± 1.1	3.5	-1.5
			32.0			
			30.3			
16-EXTRACT-8 E2M	1392	32.0	32.2	31.6 ± 0.5	2.0	-1.2
			31.5			
			31.2			

Table 40. Concentration Results for the Tobacco Extract Formulations Analyzed on 6/10/10 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
16-EXTRACT-9 E5F	3398	78.1	76.0	76.1 ± 0.8	1.1	-2.5
			75.4			
			77.0			
16-EXTRACT-10 E5F	3398	78.1	73.4	75.4 ± 3.5	4.6	-3.4
			73.4			
			79.5			
16-EXTRACT-11 E5M	3480	80.0	74.1	75.8 ± 2.6	3.4	-5.3
			74.5			
			78.8			
16-EXTRACT-12 E5M	3480	80.0	79.9	78.6 ± 3.4	4.3	-1.7
			74.8			
			81.2			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 41. Concentration Results for the Control Formulation Analyzed on 8/5/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
17-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 42. Concentration Results for the Tobacco Blend Formulations Analyzed on 8/5/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
17-BLEND-1 B0.2F	119	3.13	2.72	3.22 ± 0.43	13.4	2.9
			3.73			
			2.77			
			3.11			
			3.61			
			3.39			
17-BLEND-2 B0.2F	119	3.13	3.55	3.37 ± 0.23	6.8	7.7
			3.53			
			3.44			
			2.98			
			3.36			
			4.49 ^c			
17-BLEND-3 B0.2M	122	3.20	3.27	3.30 ± 0.16	4.8	3.2
			3.11			
			3.29			
			3.30			
			3.55			
			4.94 ^c			
17-BLEND-4 B0.2M	122	3.20	3.40	3.31 ± 0.28	8.5	3.4
			3.61			
			3.28			
			3.39			
			2.86			
			4.57 ^c			
17-BLEND-5 B2F	1189	31.2	34.7	33.0 ± 1.5	4.5	5.7
			31.9			
			32.4			
17-BLEND-6 B2F	1189	31.2	35.0	33.8 ± 1.6	4.7	8.5
			32.0			
			34.5			
17-BLEND-7 B2M	1218	32.0	33.5	34.4 ± 1.2	3.5	7.4
			35.7			
			33.9			
17-BLEND-8 B2M	1218	32.0	34.7	37.2 ± 2.7	7.3	16.2
			36.9			
			40.0			
17-BLEND-9 B5F	2973	78.1	79.1	81.5 ± 2.1	2.6	4.4
			82.6			
			82.8			
17-BLEND-10 B5F	2973	78.1	81.1	82.4 ± 1.2	1.5	5.5
			82.7			
			83.5			

Table 42. Concentration Results for the Tobacco Blend Formulations Analyzed on 8/5/10 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
17-BLEND-11 B5M	3044	80.0	87.9	85.4 ± 4.1	4.8	6.7
			80.6			
			87.6			
17-BLEND-12 B5M	3044	80.0	88.3	87.0 ± 3.2	3.7	8.8
			83.4			
			89.4			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

c. The replicate was Q-tested out as a statistical outlier with a 90% confidence level and is not included in the calculations.

Table 43. Concentration Results for the Tobacco Extract Formulations Analyzed on 8/5/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
17-EXTRACT-1 E0.2F	136	3.13	3.16	3.23 ± 0.07	2.0	3.2
			3.29			
			3.24			
17-EXTRACT-2 E0.2F	136	3.13	3.23	3.38 ± 0.13	3.8	8.0
			3.47			
			3.44			
17-EXTRACT-3 E0.2M	139	3.20	3.32	3.27 ± 0.05	2.0	2.2
			3.22			
			3.27			
17-EXTRACT-4 E0.2M	139	3.20	3.34	3.28 ± 0.12	3.7	2.6
			3.36			
			3.15			
17-EXTRACT-5 E2F	1359	31.2	33.9	33.3 ± 1.1	3.3	6.9
			32.1			
			34.0			
17-EXTRACT-6 E2F	1359	31.2	34.3	33.4 ± 1.0	3.0	6.9
			33.4			
			32.4			
17-EXTRACT-7 E2M	1392	32.0	33.5	33.3 ± 1.0	3.0	4.1
			32.2			
			34.2			
17-EXTRACT-8 E2M	1392	32.0	32.1	32.9 ± 0.8	2.0	2.8
			32.9			
			33.7			

Table 43. Concentration Results for the Tobacco Extract Formulations Analyzed on 8/5/10 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
17-EXTRACT-9 E5F	3398	78.1	77.4	78.7 ± 2.7	3.4	0.7
			81.8			
			76.8			
17-EXTRACT-10 E5F	3398	78.1	74.4	79.5 ± 4.7	5.9	1.8
			83.8			
			80.2			
17-EXTRACT-11 E5M	3480	80.0	77.8	77.2 ± 0.9	1.2	-3.5
			77.7			
			76.2			
17-EXTRACT-12 E5M	3480	80.0	85.4	81.7 ± 4.6	5.6	2.1
			83.1			
			76.5			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 44. Concentration Results for the Control Formulation Analyzed on 9/28/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
18-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 45. Concentration Results for the Tobacco Blend Formulations Analyzed on 9/28/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
18-BLEND-1 B0.2F	119	3.13	3.49	3.37 ± 0.25	7.4	7.6
			3.56			
			3.69			
			3.03			
			3.28			
			3.16			
18-BLEND-2 B0.2F	119	3.13	2.88	3.57 ± 0.35	9.8	13.9
			3.71			
			3.87			
			3.73			
			3.55			
			3.66			
18-BLEND-3 B0.2M	122	3.20	4.05	3.68 ± 0.36	9.8	15.1
			3.39			
			3.70			
			4.02			
			3.14			
			3.80			
18-BLEND-4 B0.2M	122	3.20	2.77	3.32 ± 0.43	13.0	3.7
			3.55			
			3.08			
			3.21			
			4.02			
			3.29			
18-BLEND-5 B2F	1189	31.2	30.3	31.1 ± 0.7	2.0	-0.3
			31.4			
			31.6			
18-BLEND-6 B2F	1189	31.2	32.1	32.5 ± 0.5	2.0	4.1
			33.0			
			32.3			
18-BLEND-7 B2M	1218	32.0	33.4	34.3 ± 1.8	5.2	7.3
			36.4			
			33.2			
18-BLEND-8 B2M	1218	32.0	36.2	34.3 ± 2.0	5.8	7.1
			34.3			
			32.3			
18-BLEND-9 B5F	2973	78.1	86.8	85.0 ± 1.6	1.9	8.8
			84.4			
			83.8			
18-BLEND-10 B5F	2973	78.1	83.2	82.6 ± 1.0	1.2	5.8
			81.5			
			83.2			

Table 45. Concentration Results for the Tobacco Blend Formulations Analyzed on 9/28/10 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
18-BLEND-11 B5M	3044	80.0	85.0	86.3 ± 1.2	1.4	8.0
			87.0			
			87.0			
18-BLEND-12 B5M	3044	80.0	83.8	86.4 ± 2.5	2.9	8.0
			88.8			
			86.5			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 46. Concentration Results for the Tobacco Extract Formulations Analyzed on 9/28/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
18-EXTRACT-1 E0.2F	136	3.13	3.07	3.27 ± 0.18	5.5	4.5
			3.40			
			3.34			
18-EXTRACT-2 E0.2F	136	3.13	2.99	3.09 ± 0.09	3.0	-1.2
			3.17			
			3.12			
18-EXTRACT-3 E0.2M	139	3.20	3.28	3.30 ± 0.03	0.9	3.0
			3.28			
			3.33			
18-EXTRACT-4 E0.2M	139	3.20	3.23	3.34 ± 0.13	3.9	4.3
			3.31			
			3.48			
18-EXTRACT-5 E2F	1359	31.2	30.0	31.2 ± 1.1	3.5	-0.1
			31.4			
			32.1			
18-EXTRACT-5A E2F	1359	31.2	28.6	28.9 ± 1.0	3.5	-7.2
			30.1			
			28.1			
18-EXTRACT-6 E2F	1359	31.2	33.0	32.9 ± 0.9	3.0	5.5
			32.0			
			33.7			
18-EXTRACT-7 E2M	1392	32.0	32.8	31.5 ± 2.1	6.7	-1.7
			32.6			
			29.0			
18-EXTRACT-8 E2M	1392	32.0	33.2	30.9 ± 2.1	6.8	-3.3
			30.6			
			29.0			

Table 46. Concentration Results for the Tobacco Extract Formulations Analyzed on 9/28/10 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
18-EXTRACT-9 E5F	3398	78.1	70.7	71.2 ± 2.6	3.7	-8.8
			74.0			
			68.9			
18-EXTRACT-10 E5F	3398	78.1	79.3	83.6 ± 5.4	6.5	7.0
			89.7			
			81.8			
18-EXTRACT-11 E5M	3480	80.0	87.2	84.8 ± 4.0	4.7	6.0
			80.2			
			86.9			
18-EXTRACT-12 E5M	3480	80.0	92.8	87.7 ± 6.6	7.5	9.7
			80.3			
			90.1			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 47. Concentration Results for the Control Formulation Analyzed on 11/24/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
19-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 48. Concentration Results for the Tobacco Blend Formulations Analyzed on 11/24/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) \pm s	%RSD	Average RE (%)
19-BLEND-1 B0.2F	119	3.13	3.94	3.46 \pm 0.34	9.8	10.5
			3.67			
			3.55			
			3.41			
			3.21			
			2.97			
19-BLEND-2 B0.2F	119	3.13	3.78	3.52 \pm 0.20	5.7	12.3
			3.27			
			3.27			
			3.55			
			3.61			
			3.61			
19-BLEND-3 B0.2M	122	3.20	3.19	3.18 \pm 0.22	6.9	-0.6
			3.23			
			3.34			
			3.47			
			2.90			
			2.95			
19-BLEND-4 B0.2M	122	3.20	4.17	3.59 \pm 0.50	13.9	12.2
			3.45			
			3.56			
			2.94			
			4.18			
			3.24			
19-BLEND-5 B2F	1189	31.2	34.0	33.2 \pm 0.7	2.0	6.5
			32.7			
			33.0			
19-BLEND-6 B2F	1189	31.2	32.7	33.0 \pm 2.1	6.4	5.8
			31.1			
			35.2			
19-BLEND-7 B2M	1218	32.0	30.9	31.9 \pm 1.7	5.3	-0.3
			30.9			
			33.9			
19-BLEND-8 B2M	1218	32.0	33.5	35.3 \pm 1.5	4.2	10.2
			36.1			
			36.2			
19-BLEND-9 B5F	2973	78.1	84.1	82.9 \pm 1.1	1.3	6.1
			82.3			
			82.2			
19-BLEND-10 B5F	2973	78.1	83.9	83.1 \pm 1.2	1.4	6.4
			81.7			
			83.7			

Table 48. Concentration Results for the Tobacco Blend Formulations Analyzed on 11/24/10 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
19-BLEND-11 B5M	3044	80.0	82.0	86.3 ± 5.5	6.4	7.8
			92.5			
			84.3			
19-BLEND-12 B5M	3044	80.0	82.4	82.5 ± 3.5	4.2	3.2
			79.1			
			86.1			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 49. Concentration Results for the Tobacco Extract Formulations Analyzed on 11/24/10

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
19-EXTRACT-1 E0.2F	136	3.13	3.15	3.01 ± 0.20	6.6	-4.0
			2.78			
			3.09			
19-EXTRACT-2 E0.2F	136	3.13	3.19	3.58 ± 0.56	15.6	14.5
			4.22			
			3.34			
19-EXTRACT-3 E0.2M	139	3.20	3.13	3.39 ± 0.23	6.8	5.9
			3.52			
			3.52			
19-EXTRACT-4 E0.2M	139	3.20	3.83	3.37 ± 0.52	15.4	5.4
			2.81			
			3.48			
19-EXTRACT-5 E2F	1359	31.2	29.4	30.3 ± 3.6	11.9	-3.0
			34.2			
			27.2			
19-EXTRACT-6 E2F	1359	31.2	32.1	31.1 ± 2.4	7.7	-0.4
			28.3			
			32.8			
19-EXTRACT-7 E2M	1392	32.0	31.0	30.9 ± 0.3	1.0	-3.5
			31.1			
			30.5			
19-EXTRACT-8 E2M	1392	32.0	29.3	30.6 ± 1.4	4.6	-4.4
			32.0			
			30.5			
19-EXTRACT-9 E5F	3398	78.1	76.4	74.3 ± 2.9	3.9	-4.8
			71.0			
			75.6			

Table 49. Concentration Results for the Tobacco Extract Formulations Analyzed on 11/24/10 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
19-EXTRACT-10 E5F	3398	78.1	71.7	80.3 ± 8.7	10.8	2.9
			89.0			
			80.3			
19-EXTRACT-11 E5M	3480	80.0	86.4	86.4 ± 0.2	0.2	8.0
			86.2			
			86.5			
19-EXTRACT-12 E5M	3480	80.0	85.3	83.4 ± 1.9	2.3	4.2
			81.6			
			83.3			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 50. Concentration Results for the Control Formulation Analyzed on 1/20/11

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
20-CTRL-1 Control	0	0	BLOQ	BLOQ ± NA	NA	NA
			BLOQ			
			BLOQ			

a. Quantity of test article (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 51. Concentration Results for the Tobacco Blend Formulations Analyzed on 1/20/11

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) \pm s	%RSD	Average RE (%)
20-BLEND-1 B0.2F	119	3.13	3.01	3.39 \pm 0.29	8.6	8.2
			3.31			
			3.35			
			3.22			
			3.62			
			3.81			
20-BLEND-2 B0.2F	119	3.13	3.25	3.14 \pm 0.44	14.0	0.3
			2.55			
			3.78			
			3.13			
			3.38			
			2.74			
20-BLEND-3 B0.2M	122	3.20	2.90	3.21 \pm 0.26	8.1	0.2
			2.91			
			3.50			
			3.45			
			3.14			
			3.34			
20-BLEND-4 B0.2M	122	3.20	3.08	3.13 \pm 0.23	7.3	-2.2
			3.18			
			3.04			
			2.93			
			2.98			
			3.57			
20-BLEND-5 B2F	1189	31.2	30.8	30.9 \pm 0.9	3.0	-1.0
			31.8			
			30.1			
20-BLEND-6 B2F	1189	31.2	30.6	30.8 \pm 0.9	3.0	-1.4
			30.0			
			31.7			
20-BLEND-7 B2M	1218	32.0	31.2	31.2 \pm 1.8	5.8	-2.6
			32.9			
			29.4			
20-BLEND-8 B2M	1218	32.0	33.3	33.0 \pm 0.2	0.6	3.2
			32.9			
			32.9			
20-BLEND-9 B5F	2973	78.1	74.2	79.4 \pm 4.7	5.9	1.7
			80.7			
			83.4			
20-BLEND-10 B5F	2973	78.1	78.6	80.4 \pm 2.3	2.9	2.9
			82.9			
			79.6			

Table 51. Concentration Results for the Tobacco Blend Formulations Analyzed on 1/20/11 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
20-BLEND-11 B5M	3044	80.0	86.1	82.4 ± 3.2	3.9	3.1
			80.2			
			81.0			
20-BLEND-12 B5M	3044	80.0	81.1	80.4 ± 0.8	1.0	0.5
			80.5			
			79.6			

a. Quantity of tobacco blend (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

Table 52. Concentration Results for the Tobacco Extract Formulations Analyzed on 1/20/11

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
20-EXTRACT-1 E0.2F	136	3.13	3.09	3.23 ± 0.31	9.6	3.2
			3.01			
			3.59			
20-EXTRACT-2 E0.2F	136	3.13	2.89	3.27 ± 0.46	14.1	4.6
			3.78			
			3.15			
20-EXTRACT-3 E0.2M	139	3.20	3.15	3.07 ± 0.19	6.2	-4.0
			2.86			
			3.21			
20-EXTRACT-4 E0.2M	139	3.20	3.26	3.23 ± 0.18	5.6	0.8
			3.03			
			3.39			
20-EXTRACT-5 E2F	1359	31.2	31.7	30.0 ± 1.6	5.3	-3.9
			28.6			
			29.6			
20-EXTRACT-6 E2F	1359	31.2	29.3	30.1 ± 0.9	3.0	-3.6
			29.9			
			31.0			
20-EXTRACT-7 E2M	1392	32.0	39.3	34.2 ± 4.8	14.0	6.9
			33.4			
			29.9			
20-EXTRACT-8 E2M	1392	32.0	29.0	32.7 ± 5.2	15.9	2.2
			30.4			
			38.7			
20-EXTRACT-9 E5F	3398	78.1	75.6	74.9 ± 1.2	1.6	-4.1
			75.5			
			73.5			

Table 52. Concentration Results for the Tobacco Extract Formulations Analyzed on 1/20/11 (Continued)

Formulation ID	Target Test Article Concentration (mg/kg) ^a	Target Nicotine Concentration (mg/kg) ^b	Determined Concentration (mg/kg)	Average Determined Concentration (mg/kg) ± s	%RSD	Average RE (%)
20-EXTRACT-10 E5F	3398	78.1	75.9	75.7 ± 2.2	2.9	-3.1
			73.4			
			77.8			
20-EXTRACT-11 E5M	3480	80.0	81.5	82.6 ± 1.7	2.1	3.2
			84.5			
			81.7			
20-EXTRACT-12 E5M	3480	80.0	82.3	79.9 ± 2.5	3.1	-0.1
			80.0			
			77.4			

a. Quantity of tobacco extract (mg) per kg of feed.

b. Quantity of nicotine (mg) per kg of feed.

3.0 AMENDMENTS/DEVIATIONS

3.1 Amendments

There were no amendments pertaining to the formulation analysis of nicotine for this study.

3.2 Deviations

The formulation sample analysis raw data contained several minor SOP deviations that were assessed as no impact by the Study Director.

APPENDIX A
STANDARD OPERATING PROCEDURE

SEP 4 2009

Manual Number:

Battelle SOP Number: COMSPEC.II-055-03

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Study Number: _____

Initials/Date: _____

**STANDARD OPERATING PROCEDURE (SOP) FOR THE ANALYSIS OF
NICOTINE IN NTP-2000 FEED**Originator: ELB Date 9/3/09Approved by: Wendy M. Blah Date 9-4-09
Technical ReviewerApproved by: Phil Hyman Date 9/4/09
Reviewing ToxicologistApproved by: Ben Baul Date 9/3/09
Management

Reviewed and Registered by QAU:

Carrie Jones Date 9/4/09BATTELLE
Columbus Operations
505 King Avenue
Columbus, Ohio 43201

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1.0 SCOPE

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2.0 PURPOSE

The purpose of this SOP is to provide instructions for conducting the analysis of nicotine in feed.

3.0 REFERENCES

Current SOP for Labeling Reagents, Solutions, Test and Control Articles, and Specimens

Current SOP for Using Electronic Balances

Current SOP for Recording, Reviewing, and Correcting Raw Data

Current SOP for Operation, Calibration, and Maintenance of Fixed and Adjustable Volume Pipettors.

Current SOP for Operation and Maintenance of Gas Chromatographs

Current SOP for Numeric Data and Calculations

Current SOP for Use and Training of the Atlas Chromatography Data System

4.0 DEFINITIONS

None.

5.0 GENERAL INSTRUCTIONS

Calibrate all required balances according to the SOP on balance usage.

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Make equivalent dilutions when the volume needed varies from the volume stated in the method.

Label all standard and reagent solutions as specified in the appropriate SOP.

Sign or initial on each page of this document to signify that you have followed the method as written, all materials and reagents are current, and all equipment has been properly calibrated.

Initial and date all data entries on the page on which they were made. If only one person enters all data on a page on a single day, then the documentation may be made in a single location on that page by that person. If multiple staff make entries or one person makes entries on different days, all must be initialed and dated by the person making the entry.

The method is written in general chronological order. However, it is not essential that all sections be performed sequentially. The analyst may determine the order for conducting the task in the most efficient manner, unless the order for certain activities is specified.

6.0 PROCEDURE

6.1 Samples

See Chain of Custody for samples.

6.2 Materials

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6.3 Equipment

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6.4 Extraction Solution

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Date Prepared: _____ Study Number: _____

6.5 Preparation of Blank Feed Extracted Extraction Solution(b) (4)


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6.6 Preparation of Standards**6.6.1 Preparation of Solutions A and B**(b) (4)


Note: A weighing factor of 2.85 g per 1 g of nicotine is used to determine the amount of free base.

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Table 5. Preparation of Feed Standards

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6.7.2 Feed Sample Analysis

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Table 6. Control Sample Weights

Species	Target Formulation Concentration (mg/kg)	Target Nicotine Concentration (mg/kg)	Aliquot A (g)	Aliquot B (g)	Aliquot C (g)
Rat	0	0			

Table 7. – Tobacco Blend Sample Weights

Species	Formulation	Batch	Target Nicotine Concentration (mg/kg)*	Aliquot (g)	Aliquot (g)	Aliquot (g)
Rat	Low Dose	-Blend-		A: D:	B: E:	C: F:
	Low Dose	-Blend-		A: D:	B: E:	C: F:
	Low Dose	-Blend-		A: D:	B: E:	C: F:
	Low Dose	-Blend-		A: D:	B: E:	C: F:
	Mid Dose	-Blend-		A: D:	B: E:	C: F:
	Mid Dose	-Blend-		A: D:	B: E:	C: F:
	Mid Dose	-Blend-		A: D:	B: E:	C: F:
	Mid Dose	-Blend-		A: D:	B: E:	C: F:
	High Dose	-Blend-		A: D:	B: E:	C: F:
	High Dose	-Blend-		A: D:	B: E:	C: F:
	High Dose	-Blend-		A: D:	B: E:	C: F:
	High Dose	-Blend-		A: D:	B: E:	C: F:

*Concentration will be filled in at time of analysis.

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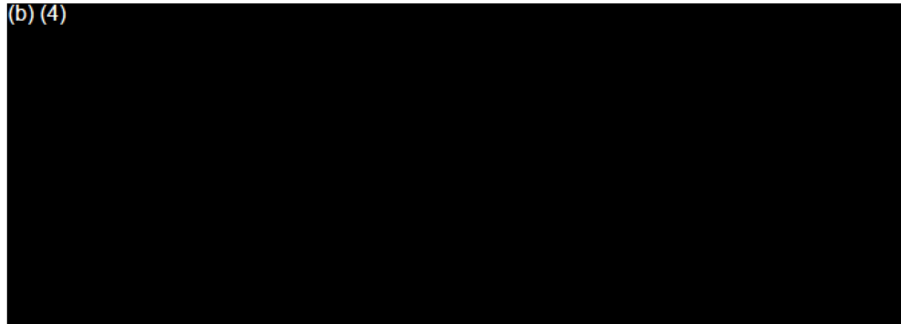
Initials/Date: _____

Table 8. Tobacco Extract Sample Weights

Species	Formulation	Batch	Target Nicotine Concentration (mg/kg)*	Aliquot A (g)	Aliquot B (g)	Aliquot C (g)
Rat	Low Dose	-Extract-				
	Low Dose	-Extract-				
	Low Dose	-Extract-				
	Low Dose	-Extract-				
	Mid Dose	-Extract-				
	Mid Dose	-Extract-				
	Mid Dose	-Extract-				
	Mid Dose	-Extract-				
	High Dose	-Extract-				
	High Dose	-Extract-				
	High Dose	-Extract-				
	High Dose	-Extract-				

*Concentration will be filled in at time of analysis.

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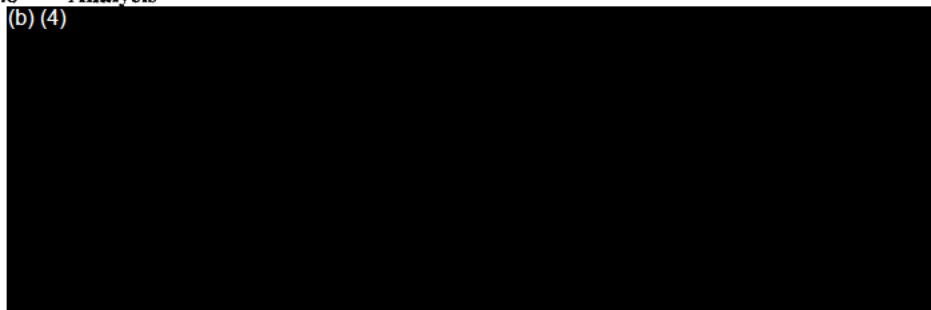
Table 9. Dilution of Feed Samples

Target Nicotine Concentration (mg/kg)	Volume of Extract (mL)	Final Dilution Volume (mL)
0-45	No Dilution Needed	
46-450	1	10
451-1200	1	25
1201-1750	0.5	25

Transfer an appropriate amount of the extraction solution portion of the extract into a GC vial.

6.8 Analysis

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Table 10. GC Conditions

GC System No:	Agilent 6890 (Santa Clara, CA)
Analytical Column	Restek RTX-5 Amine (Bellefonte, PA), 30 m x 0.32 mm, 1.0 µm film thickness SN _____ or equivalent
Carrier Gas/Flow Rate	Hydrogen at 4.6 mL/min (or equivalent to 10.5 psi head pressure) _____ mL/min Set to constant pressure.
Oven Temperature Program*	60°C, hold for 3 minutes, increase at 8°C/minutes to 220°C, increase at 20°C/minute to 300°C/min hold for 5 minutes
Injection Volume*/Mode	2 µL/Splitless _____ µL
Inlet Liner	4 mm Base Deactivated Splitless Liner
Injector Temperature*	265°C
Detector Type	Flame Ionization Detector (FID)
Detector Flow Rates*	Hydrogen at ~30 mL/min; Air at ~280mL/min
Detector Temperature*	270°C
A/D Converter	Thermo Fisher Scientific A/D:

*Parameters which may be modified by the analyst.

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Table 11. Additional GC Conditions

GC System No:	Agilent 6890 (Santa Clara, CA)
Analytical Column	Restek RTX-5 Amine (Bellefonte, PA), 30 m x 0.32 mm, 1.0 μ m film thickness SN _____ or equivalent
Carrier Gas/Flow Rate	Hydrogen at 4.6 mL/min (or equivalent to 10.5 psi head pressure) _____ mL/min Set to constant pressure.
Oven Temperature Program*	60°C, hold for 3 minutes, increase at 8°C/minutes to 220°C, increase at 20°C/minute to 300°C/min hold for 5 minutes
Injection Volume*/Mode	2 μ L/Splitless _____ μ L
Inlet Liner	4 mm Base Deactivated Splitless Liner
Injector Temperature*	265°C
Detector Type	Flame Ionization Detector (FID)
Detector Flow Rates*	Hydrogen at ~ 30 mL/min; Air at ~ 280mL/min
Detector Temperature*	270°C
A/D Converter	Thermo Fisher Scientific A/D:

*Parameters which may be modified by the analyst.

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7.0 CALCULATIONS

Examine the integration of the peaks. Modify, as necessary, to obtain consistent integration. Ensure that the response of the standards bracket the response for all formulation samples.

Calculate the exact concentration of each standard and enter these into the chromatography data system.

Use the parameters in Table 12 to calculate the regression equation.

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Table 12. Regression Parameters

Model	Linear
Weighting	1/x
y-intercept	Calculate, Do Not Force through Origin
y-values	Nicotine/IS Peak Area Ratio
x-values	Nicotine Standard Concentrations

Calculate the % Relative Error (RE) for each standard. If the RE of any standard is not within 10% of the nominal concentration, evaluate the impact of omitting that calibration standard from the curve. One standard may be omitted from the curve, if deemed technically necessary.

Calculate the chromatography acceptance criteria parameters specified in Table 13 for the system suitabilities.

Calculate the concentration, the average concentration, the standard deviation (s), and the percent relative standard deviation (RSD) for the system suitabilities. Calculate the concentration for each "drift" and compare it to the average of the system suitabilities.

Calculate the amount of nicotine in each formulation sample using its peak ratio response, the regression equation, and dilution factor.

Calculate the average concentration, individual and average RE, s, and RSD for the triplicates. Examine any potential outliers using the Q-test with a 90% confidence interval.

The concentration units in Atlas are mg/kg.

8.0 RESULTS

Place the spreadsheet in the data package. Report all values with concentrations below the specified limit of quantitation as "BLOQ." The Limit of Quantitation (LOQ) is 2.11 mg/kg.

Produce the Atlas Report "Run Reference" and include it the data package.

Include the chain of custody forms in the data package.

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9.0 ACCEPTANCE CRITERIA

See Table 13 for acceptance criteria.

Table 13. Acceptance Criteria

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10.0 TASK LEADER RESPONSE TO FAILURE TO MEET ACCEPTANCE CRITERIA

10.1 Asymmetry, Efficiency, Resolution

Verify that the proper instrument system (column, gas, flow rates, etc.) was used for the analysis. If not, samples need to be re-injected using the correct instrument system.

If the correct instrument system was used, compare the current chromatograms to a past analysis. If the chromatography has changed substantially, determine and correct the problem with the instrument system and then re-inject the samples. If the chromatography has not changed substantially the run may be accepted.

10.2 Drifts

Verify that all calculations are correct.

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10.3 RSD

Verify that all calculations are correct.

10.4 Correlation Coefficient/ RE of Standards

Verify that all concentrations, the regression model, integration, and calculations are correct.

If the standards still fail after correcting any calculation errors, repeat the analysis from the beginning if possible. The Study Director may choose to accept data with standards outside the normal acceptance range.

11.0 COMMENTS/CONCLUSIONS

12.0 DATA REVIEW**12.1 Technical Review**

Review at least the following to assure they are acceptable: rejection of calibration standards, integration of chromatograms, chromatography data processing and acquisition parameters, calibration standard concentrations, regression model, and compliance of data with acceptance criteria.

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12.2 Data Accuracy Review

Review at least the following: completeness and correctness of data entry, formulas used to calculate all values, and accuracy of calculations.

13.0 REVISION HISTORY

- Reformat to reflect TOXBC template styles.
- Minor clerical changes made throughout.
- Added Sample Rotator to Table 2.
- Revised instructions for section 6.7.2
- Revised Tables 7 and 8.

14.0 SIGNATURES

Technical Review Signature/Date:

Signature of the technical reviewer will be considered documentation that all modifications and/or changes to this SOP (documented during the course of conducting this task) are technically acceptable and have no adverse technical impact unless otherwise noted. Changes or deviations to the acceptance criteria section require independent assessment by the technical reviewer.

Data Accuracy Review Signature/Date:

APPENDIX F: INDIVIDUAL ANIMAL DATA

Table F-1. Individual Animal Clinical Abnormalities – Males

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CM	121	Abrasion, Foot	560	729	170	52
	121	Eyes, Discharge, Red	14	14	1	1
	122	Abrasion, Body Lateral	469	518	50	8
	122	Abrasion, Foot	560	729	170	26
	123	Hindlimb Paralysis	212	212	1	1
	123	Hindlimb Weakness	212	212	1	1
	124	Abrasion, Foot	623	729	107	17
	124	Rough Coat	483	672	190	28
	124	Tissue Mass, Body Ventral	301	308	8	2
	126	Abrasion, Foot	497	729	233	35
	126	Abrasion, Head	147	154	8	2
	126	Alopecia, Head	126	476	351	51
	126	Alopecia, Shoulder	133	140	8	2
	128	Abrasion, Foot	539	729	191	29
	128	Abrasion, Head	42	42	1	1
	129	Swelling, Tail	539	574	36	6
	130	Abrasion, Foot	511	637	127	19
	132	Hunched Posture	707	731	25	5
	132	Lethargic	731	731	1	1
	132	Rough Coat	707	731	25	5
	132	Thin Appearance	707	731	25	5
	133	Abrasion, Foot	532	731	200	60
	134	Abrasion, Foot	532	578	47	8
	134	Hunched Posture	578	578	1	1
	134	Pale	578	578	1	1
	134	Rough Coat	567	578	12	3
	134	Thin Appearance	567	578	12	3

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CM	135	Abrasion, Genitalia	581	721	141	21
	135	Swelling, Genitalia	560	574	15	3
	136	Abrasion, Foot	497	735	239	68
	138	Abrasion, Foot	567	735	169	25
	139	Abrasion, Foot	567	735	169	50
	140	Hunched Posture	467	467	1	1
	140	Lethargic	467	467	1	1
	140	Pale	467	467	1	1
	140	Rough Coat	467	467	1	1
	140	Thin Appearance	467	467	1	1
	141	Abrasion, Foot	497	735	239	70
	142	Eyes, Discharge, Red	399	735	337	49
	143	Alopecia, Body Dorsal	56	476	421	61
	145	Abrasion, Body Lateral	595	737	143	21
	145	Abrasion, Foot	497	737	241	70
	145	Abrasion, Tail	623	721	99	15
	146	Abrasion, Body Dorsal	581	588	8	2
	147	Abrasion, Body Lateral	728	737	10	2
	147	Abrasion, Foot	728	737	10	2
	148	Hunched Posture	651	653	3	3
	148	Lethargic	653	653	1	1
	148	Pale	651	653	3	2
	148	Thin Appearance	651	653	3	2
	149	Abrasion, Foot	539	616	78	12
	150	Rough Coat	497	616	120	18
	152	Abrasion, Nose/Muzzle	525	539	15	3
	152	Abrasion, Tail	707	728	22	4

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CM	155	Rough Coat	511	511	1	1
	156	Rough Coat	497	511	15	3
	158	Abrasion, Foot	497	728	232	34
	158	Rough Coat	623	672	50	8
	160	Abrasion, Foot	504	728	225	61
	161	Abrasion, Foot	483	532	50	8
	161	Pale	483	532	50	8
	161	Rough Coat	497	532	36	6
	161	Thin Appearance	483	532	50	8
	162	Rough Coat	301	301	1	1
	163	Abrasion, Body Dorsal	518	616	99	15
	163	Abrasion, Body Ventral	287	287	1	1
	163	Tissue Mass, Body Ventral	280	280	1	1
	166	Abrasion, Foot	532	743	212	30
	167	Abrasion, Foot	539	623	85	27
	167	Eyes, Discharge, Red	623	623	1	1
	167	Hunched Posture	616	623	8	3
	167	Lethargic	623	623	1	2
	167	Rough Coat	616	623	8	3
	167	Thin Appearance	616	623	8	3
	167	Ataxic (incoordination)	623	623	1	1
	167	Labored Respiration	623	623	1	1
	167	Respiratory Sounds	623	623	1	1
	168	Abrasion, Tail	259	476	218	32
	168	Tissue Mass, Tail	483	644	162	24
	170	Abrasion, Foot	483	745	263	74
	170	Rough Coat	595	700	106	16
	171	Abrasion, Foot	273	745	473	104

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CM	173	Abrasion, Foot	483	745	263	74
	173	Rough Coat	497	700	204	30
	174	Abrasion, Foot	532	728	197	58
	174	Abrasion, Tail	707	745	39	5
	175	Abrasion, Foot	532	546	15	3
	175	Eyes, Discharge, Red	21	28	8	2
	176	Abrasion, Foot	497	546	50	16
	178	Abrasion, Foot	483	732	250	67
	178	Rough Coat	476	732	257	38
	178	Hindlimb Weakness	732	732	1	1
	178	Urine Stain	672	732	61	10
	180	Abrasion, Shoulder	707	746	40	5
CBM	202	Abrasion, Foot	560	564	5	2
	202	Limping	564	564	1	1
	202	Swelling, Hindlimb	560	564	5	2
	204	Abrasion, Body Ventral	553	593	41	7
	204	Pale	581	593	13	3
	204	Rough Coat	546	593	48	8
	204	Thin Appearance	581	593	13	3
	204	Swelling, Body Ventral	546	546	1	1
	205	Abrasion, Foot	539	675	137	40
	205	Lethargic	672	672	1	1
	206	Abrasion, Foot	497	729	233	35
	207	Hunched Posture	513	513	1	1
	207	Rough Coat	441	513	73	12
	207	Thin Appearance	483	513	31	6
	210	Abrasion, Foot	560	731	172	26

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CBM	211	Abrasion, Body Dorsal	581	731	151	23
	211	Abrasion, Foot	483	731	249	67
	211	Eyes, Discharge, Red	588	665	78	7
	211	Tissue Mass, Body Dorsal	567	574	8	2
	213	Abrasion, Body Dorsal	224	224	1	1
	213	Abrasion, Foot	532	731	200	30
	216	Abrasion, Foot	539	735	197	58
	217	Abrasion, Foot	511	735	225	33
	219	Alopecia, Body Lateral	203	728	526	76
	220	Thin Appearance	707	735	29	5
	221	Alopecia, Shoulder	602	611	10	3
	221	Hunched Posture	611	611	1	1
	221	Rough Coat	611	611	1	1
	221	Thin Appearance	611	611	1	1
	221	Tissue Mass, Ear	511	611	101	16
	221	Tissue Mass, Genitalia	581	611	31	6
	222	Abrasion, Foot	532	735	204	30
	222	Alopecia, Forelimb	28	203	176	16
	222	Alopecia, Head	203	280	78	12
	222	Alopecia, Shoulder	182	700	519	75
	223	Tissue Mass, Body Lateral	525	735	211	31
	224	Abrasion, Foot	497	735	239	70
	226	Abrasion, Foot	546	737	192	28
	227	Abrasion, Foot	483	737	255	72
	230	Abrasion, Body Dorsal	343	385	43	7
	234	Abrasion, Foot	483	739	257	66
	235	Abrasion, Nose/Muzzle	427	469	43	7

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CBM	236	Alopecia, Shoulder	280	476	197	29
	236	Eyes, Discharge, Red	538	538	1	1
	236	Lethargic	538	538	1	1
	236	Pale	538	538	1	1
	236	Labored Respiration	538	538	1	1
	236	Nasal Discharge, Red	538	538	1	1
	237	Pale	739	739	1	1
	237	Tissue Mass, Genitalia	739	739	1	1
	238	Abrasion, Foot	497	739	243	35
	238	Abrasion, Head	105	147	43	7
	238	Alopecia, Head	133	133	1	1
	239	Abrasion, Body Dorsal	259	739	481	42
	240	Abrasion, Foot	511	691	181	47
	240	Pale	595	691	97	15
	240	Rough Coat	595	691	97	15
	240	Thin Appearance	595	691	97	15
	242	Abrasion, Foot	483	577	95	30
	242	Hunched Posture	577	577	1	1
	242	Lethargic	577	577	1	1
	242	Pale	577	577	1	1
	242	Rough Coat	577	577	1	1
	242	Thin Appearance	577	577	1	1
	243	Abrasion, Body Lateral	525	672	148	22
	243	Abrasion, Foot	483	743	261	65
	243	Tissue Mass, Body Lateral	497	518	22	4
	244	Eyes, Discharge, Red	434	743	310	44
	244	Thin Appearance	743	743	1	1

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CBM	246	Abrasion, Foot	147	743	597	106
	246	Swelling, Foot	175	182	8	2
	247	Abrasion, Foot	483	743	261	72
	248	Abrasion, Foot	497	743	247	35
	248	Abrasion, Shoulder	168	315	148	22
	248	Alopecia, Body Dorsal	98	126	29	5
	248	Alopecia, Body Lateral	77	469	393	57
	248	Alopecia, Head	119	343	225	33
	248	Alopecia, Neck	140	315	176	26
	248	Alopecia, Shoulder	49	672	624	90
	248	Rough Coat	301	322	22	4
	248	Forelimb Weakness	315	343	29	5
	249	Abrasion, Head	350	399	50	8
	249	Abrasion, Neck	315	745	431	47
	249	Eyes, Discharge, Red	147	147	1	1
	249	Tissue Mass, Neck	483	574	92	14
	251	Abrasion, Body Lateral	553	616	64	10
	251	Abrasion, Head	140	140	1	1
	251	Tissue Mass, Body Lateral	483	546	64	10
	253	Abrasion, Foot	532	745	214	30
	253	Distended Abdomen	532	532	1	1
	254	Thin Appearance	63	63	1	1
	255	Rough Coat	287	287	1	1
	255	Labored Respiration	287	287	1	1
	255	Respiratory Sounds	287	287	1	1
	256	Abrasion, Foot	497	745	249	69
	256	Alopecia, Body Dorsal	14	14	1	1
	257	Eyes, Discharge, Red	217	657	441	57
	257	Hunched Posture	657	657	1	1

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CBM	257	Pale	657	657	1	1
	257	Rough Coat	657	657	1	1
	257	Thin Appearance	657	657	1	1
	257	Unresponsive	657	657	1	1
	257	Labored Respiration	657	657	1	1
	258	Abrasion, Body Dorsal	322	385	64	10
	258	Abrasion, Foot	532	672	141	21
	259	Abrasion, Foot	497	746	250	68
	259	Rough Coat	560	672	113	17
	260	Rough Coat	374	374	1	1
	260	Thin Appearance	374	374	1	1
	260	Tissue Mass, Body Ventral	374	374	1	1
	321	Abrasion, Foot	504	729	226	34
B0.2M	322	Eyes, Discharge, Red	716	716	1	1
	322	Lethargic	716	716	1	1
	322	Rough Coat	716	716	1	1
	322	Thin Appearance	716	716	1	1
	322	Tissue Mass, Body Ventral	245	252	8	2
	327	Abrasion, Hindlimb	729	729	1	1
	327	Abrasion, Nose/Muzzle	729	729	1	1
	331	Abrasion, Body Dorsal	518	609	92	14
	331	Nasal Discharge, Red	497	497	1	1
	332	Abrasion, Foot	210	469	260	38
	332	Alopecia, Body Dorsal	448	469	22	4
	332	Pale	469	469	1	1

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B0.2M	332	Rough Coat	469	469	1	1
	332	Thin Appearance	469	469	1	1
	332	Laceration, Body Ventral	427	434	8	2
	332	Laceration, Tail	462	469	8	2
	332	Ulceration, Tail	455	455	1	1
	333	Rough Coat	546	672	127	19
	334	Alopecia, Body Lateral	294	728	435	63
	334	Alopecia, Body Ventral	315	357	43	7
	334	Alopecia, Shoulder	497	728	232	34
	335	Abrasion, Foot	532	735	204	30
	336	Abrasion, Foot	497	735	239	61
	341	Abrasion, Body Dorsal	576	576	1	1
	341	Abrasion, Foot	483	576	94	15
	341	Hunched Posture	576	576	1	1
	341	Pale	576	576	1	1
	341	Rough Coat	553	576	24	5
	341	Thin Appearance	576	576	1	1
	341	Tissue Mass, Body Lateral	560	576	17	4
	342	Abrasion, Body Ventral	273	308	36	6
	344	Abrasion, Foot	560	735	176	26
	347	Hunched Posture	602	613	12	3
	347	Lethargic	613	613	1	1
	347	Pale	602	613	12	3
	347	Rough Coat	602	613	12	3
	347	Thin Appearance	602	613	12	3

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B0.2M	349	Eyes, Discharge, Red	399	528	130	20
	349	Pale	525	528	4	2
	349	Rough Coat	525	528	4	2
	349	Thin Appearance	528	528	1	1
	349	Head Tilt	528	528	1	1
	350	Abrasion, Foot	679	737	59	9
	351	Abrasion, Foot	504	737	234	36
	351	Rough Coat	560	728	169	25
	352	Abrasion, Foot	497	737	241	67
	352	Rough Coat	616	728	113	17
	353	Abrasion, Foot	560	653	94	15
	354	Abrasion, Foot	483	711	229	57
	354	Hunched Posture	711	711	1	1
	354	Rough Coat	711	711	1	1
	354	Thin Appearance	711	711	1	1
	354	Nasal Discharge, Red	511	511	1	1
	354	Tissue Mass, Body Dorsal	602	711	110	17
	359	Abrasion, Body Dorsal	245	308	64	10
	360	Rough Coat	497	616	120	18
	363	Hunched Posture	381	381	1	1
	363	Pale	381	381	1	1
	363	Rough Coat	381	381	1	1
	363	Thin Appearance	381	381	1	1
	364	Abrasion, Foot	539	743	205	58
	364	Hunched Posture	743	743	1	1

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B0.2M	364	Rough Coat	560	743	184	18
	364	Tissue Mass, Body Dorsal	518	546	29	5
	365	Gums, Reddened	704	704	1	1
	365	Excessive Salivation	704	704	1	1
	365	Nasal Discharge, Red	704	704	1	1
	365	Swelling, Head	704	704	1	1
	365	Swelling, Nose/Muzzle	704	704	1	1
	366	Thin Appearance	743	743	1	1
	369	Alopecia, Body Ventral	7	7	1	1
	369	Alopecia, Shoulder	7	7	1	1
	370	Abrasion, Foot	532	745	214	30
	371	Abrasion, Foot	483	728	246	36
	371	Abrasion, Head	245	371	127	19
	371	Abrasion, Nose/Muzzle	420	469	50	8
	371	Alopecia, Head	308	745	438	62
	373	Abrasion, Head	427	532	106	16
	374	Abrasion, Foot	532	745	214	59
	376	Alopecia, Head	126	574	449	72
	377	Rough Coat	504	728	225	33
	379	Respiratory Sounds	567	574	8	2
	379	Nasal Discharge, Red	541	574	34	3
B2M	380	Abrasion, Head	133	266	134	20
	380	Alopecia, Head	133	746	614	87
	422	Eyes, Discharge, Red	147	154	8	2
	422	Tissue Mass, Body Ventral	357	364	8	2

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B2M	423	Abrasion, Foot	511	729	219	33
	428	Abrasion, Foot	511	729	219	59
	430	Abrasion, Foot	539	629	91	14
	430	Rough Coat	616	629	14	3
	433	Abrasion, Foot	483	731	249	71
	433	Abrasion, Tail	336	378	43	7
	433	Alopecia, Body Lateral	364	731	368	54
	433	Alopecia, Body Ventral	126	731	606	71
	433	Alopecia, Genitalia	497	731	235	35
	434	Alopecia, Body Lateral	210	280	71	11
	434	Alopecia, Head	210	728	519	75
	434	Alopecia, Shoulder	224	731	508	74
	435	Rough Coat	483	728	246	36
	435	Tissue Mass, Body Ventral	210	217	8	2
	436	Hunched Posture	483	513	31	6
	436	Pale	497	513	17	4
	436	Rough Coat	476	513	38	7
	436	Thin Appearance	504	513	10	3
	436	Nasal Discharge, Red	483	490	8	2

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B2M	441	Abrasion, Foot	532	735	204	60
	444	Abrasion, Foot	511	618	108	17
	444	Hunched Posture	618	618	1	1
	444	Pale	595	618	24	5
	444	Rough Coat	581	618	38	7
	444	Thin Appearance	581	618	38	7
	446	Eyes, Discharge, Red	737	737	1	1
	446	Thin Appearance	737	737	1	1
	448	Alopecia, Body Ventral	196	737	542	75
	448	Alopecia, Forelimb	196	737	542	78
	448	Alopecia, Head	231	294	64	10
	448	Alopecia, Hindlimb	217	469	253	37
	450	Alopecia, Body Dorsal	175	737	563	81
	450	Alopecia, Body Ventral	133	737	605	87
	450	Alopecia, Eye Region	161	737	577	83
	450	Alopecia, Foot	182	737	556	80
	450	Alopecia, Forelimb	119	737	619	89
	450	Alopecia, Head	154	737	584	84
	450	Alopecia, Hindlimb	126	737	612	88
	450	Alopecia, Nose/Muzzle	119	737	619	89
	450	Reddened Ears	126	737	612	85
	450	Eyes, Discharge, Red	154	504	351	46
	451	Abrasion, Tail	728	737	10	2
	451	Alopecia, Forelimb	140	224	85	13
	458	Abrasion, Head	728	739	12	2
	462	Abrasion, Foot	483	743	261	70
	463	Abrasion, Body Dorsal	154	175	22	4
	464	Eyes, Discharge, Red	711	711	1	1
	464	Lethargic	711	711	1	1

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B2M	464	Respiratory Sounds	711	711	1	1
	466	Tissue Mass, Body Ventral	441	448	8	2
	467	Abrasion, Head	728	743	16	2
	468	Abrasion, Body Lateral	14	28	15	3
	469	Alopecia, Body Lateral	308	728	421	61
	469	Alopecia, Body Ventral	7	7	1	1
	470	Alopecia, Head	14	28	15	3
	470	Thin Appearance	745	745	1	1
	470	Tissue Mass, Body Dorsal	745	745	1	1
	471	Hunched Posture	294	294	1	1
	471	Rough Coat	294	294	1	1
	471	Thin Appearance	294	294	1	1
	471	Forelimb Paralysis	294	294	1	1
	472	Hunched Posture	513	513	1	1
	472	Rough Coat	483	513	31	6
	472	Thin Appearance	490	513	24	5
	473	Abrasion, Body Dorsal	728	745	18	2
	474	Rough Coat	483	728	246	36
	475	Alopecia, Shoulder	112	745	634	90
	477	Abrasion, Foot	654	654	1	1
	477	Rough Coat	581	654	74	12
	477	Thin Appearance	581	654	74	12
	479	Eyes, Discharge, Red	413	746	334	47
	480	Nasal Discharge, Red	711	711	1	1
B5M	521	Alopecia, Shoulder	28	35	8	2
	529	Abrasion, Foot	532	665	134	20
	529	Alopecia, Head	210	665	456	66
	529	Alopecia, Shoulder	182	731	550	80
	530	Alopecia, Body Ventral	182	676	495	72

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B5M	530	Alopecia, Genitalia	168	676	509	74
	530	Alopecia, Head	497	676	180	27
	530	Alopecia, Hindlimb	175	469	295	43
	530	Rough Coat	672	676	5	2
	530	Thin Appearance	511	676	166	8
	531	Abrasion, Hindlimb	672	731	60	10
	532	Abrasion, Neck	490	534	45	8
	532	Alopecia, Hindlimb	532	534	3	4
	532	Alopecia, Neck	497	534	38	7
	532	Alopecia, Nose/Muzzle	532	534	3	2
	532	Excessive Salivation	534	534	1	1
	532	Eyes, Discharge, Red	532	534	3	2
	532	Hunched Posture	534	534	1	1
	532	Rough Coat	534	534	1	1
	532	Tissue Mass, Neck	329	534	206	31
	535	Abrasion, Body Dorsal	735	735	1	1
	535	Abrasion, Shoulder	406	735	330	48
	535	Alopecia, Neck	602	735	134	20
	535	Alopecia, Shoulder	511	735	225	33
	535	Thin Appearance	595	735	141	21
	536	Abrasion, Foot	483	735	253	37
	542	Pale	602	735	134	20
	542	Rough Coat	602	735	134	20
	543	Tissue Mass, Body Lateral	546	588	43	7
	544	Alopecia, Body Lateral	399	728	330	48
	544	Alopecia, Body Ventral	336	728	393	57
	544	Alopecia, Shoulder	224	735	512	74
	545	Abrasion, Foot	483	737	255	74

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B5M	545	Eye Opacity	560	737	178	26
	546	Tissue Mass, Head	686	737	52	8
	546	Ulceration, Head	737	737	1	1
	547	Abrasion, Body Dorsal	560	616	57	9
	552	Abrasion, Tail	737	737	1	1
	555	Tissue Mass, Body Lateral	707	739	33	5
	556	Abrasion, Foot	504	739	236	34
	557	Alopecia, Forelimb	357	739	383	55
	557	Alopecia, Neck	280	739	460	66
	557	Tissue Mass, Body Ventral	357	364	8	2
	557	Ulceration, Body Ventral	371	469	99	15
	558	Abrasion, Body Lateral	739	739	1	1
	558	Tissue Mass, Body Dorsal	630	728	99	15
	562	Abrasion, Foot	539	728	190	28
	563	Lethargic	672	672	1	1
	563	Rough Coat	672	672	1	1
	563	Thin Appearance	672	672	1	1
	570	Abrasion, Foot	532	745	214	30
	575	Alopecia, Head	476	490	15	3
	579	Hunched Posture	616	619	4	2
	579	Pale	595	619	25	5
	579	Rough Coat	553	619	67	11
	579	Thin Appearance	595	619	25	5
E0.2M	622	Abrasion, Foot	532	729	198	60
	624	Abrasion, Body Dorsal	728	729	2	2
	625	Alopecia, Forelimb	315	513	199	30
	625	Lethargic	513	513	1	1
	625	Pale	513	513	1	1

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E0.2M	625	Rough Coat	504	513	10	3
	625	Thin Appearance	504	513	10	3
	627	Abrasion, Body Lateral	490	560	71	11
	629	Tissue Mass, Body Lateral	728	731	4	2
	631	Abrasion, Foot	140	731	592	114
	631	Swelling, Foot	147	731	585	85
	638	Abrasion, Foot	511	735	225	58
	639	Abrasion, Foot	336	735	400	84
	639	Ulceration, Hindlimb	315	329	15	3
	640	Abrasion, Foot	511	735	225	61
	642	Abrasion, Foot	497	732	236	70
	642	Eye Trauma	721	732	12	3
	644	Tissue Mass, Nose/Muzzle	469	735	267	39
	646	Rough Coat	420	420	1	1
	646	Thin Appearance	420	420	1	1
	646	Laceration, Body Dorsal	413	420	8	2
	647	Tissue Mass, Head	728	737	10	2
	648	Abrasion, Foot	560	737	178	26
	649	Abrasion, Hindlimb	672	691	20	4
	649	Swelling, Genitalia	691	691	1	1
	649	Urogenital Region, Wet	672	691	20	4
	651	Abrasion, Foot	560	737	178	51
	652	Abrasion, Foot	476	737	262	65
	652	Tissue Mass, Body Ventral	322	329	8	2
	654	Abrasion, Foot	511	739	229	33
	657	Abrasion, Foot	497	739	243	65
	660	Abrasion, Foot	497	739	243	35
	661	Rough Coat	504	681	178	27

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E0.2M	662	Hindlimb Paralysis	84	84	1	1
	662	Hindlimb Weakness	77	77	1	1
	664	Abrasion, Foot	560	743	184	26
	667	Tissue Mass, Body Lateral	728	743	16	2
	668	Abrasion, Tail	743	743	1	1
	668	Eyes, Discharge, Red	448	560	113	17
	668	Hunched Posture	743	743	1	1
	668	Lethargic	728	743	16	2
	668	Rough Coat	728	743	16	2
	668	Thin Appearance	728	743	16	2
	669	Abrasion, Body Dorsal	259	322	64	10
	669	Abrasion, Head	105	140	36	5
	669	Alopecia, Head	112	224	113	17
	669	Eyes, Discharge, Red	448	539	92	9
	670	Abrasion, Foot	476	745	270	66
	670	Tissue Mass, Body Ventral	245	266	22	4
	673	Abrasion, Foot	539	745	207	57
	675	Hunched Posture	424	424	1	1
	675	Lethargic	424	424	1	1
	675	Rough Coat	424	424	1	1
	675	Thin Appearance	424	424	1	1
	676	Abrasion, Foot	476	745	270	38
	677	Abrasion, Foot	511	745	235	61
	679	Abrasion, Body Lateral	469	668	200	30
	679	Abrasion, Foot	476	668	193	31
	679	Pale	525	668	144	22
	679	Rough Coat	483	668	186	28

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E0.2M	679	Swelling, Foot	567	668	102	16
	680	Lethargic	240	240	1	1
	680	Pale	240	240	1	1
	680	Rough Coat	240	240	1	1
	680	Labored Respiration	240	240	1	1
E2M	721	Abrasion, Foot	539	729	191	29
	722	Abrasion, Body Dorsal	462	729	268	40
	723	Alopecia, Body Dorsal	182	455	274	40
	723	Alopecia, Shoulder	476	728	253	37
	724	Alopecia, Body Lateral	189	196	8	2
	726	Rough Coat	511	728	218	32
	727	Alopecia, Body Lateral	266	728	463	67
	728	Abrasion, Foot	476	672	197	55
	730	Tissue Mass, Body Ventral	392	392	1	1
	732	Abrasion, Eye Region	378	469	92	14
	740	Abrasion, Body Lateral	735	735	1	1
	740	Abrasion, Tail	504	735	232	34
	740	Alopecia, Body Lateral	168	728	561	80
	743	Abrasion, Shoulder	287	308	22	4
	743	Eyes, Discharge, Red	476	735	260	38
	744	Rough Coat	735	735	1	1
	744	Thin Appearance	735	735	1	1
	745	Abrasion, Body Lateral	217	224	8	2
	747	Prolapsed Rectum	511	737	227	33
	748	Abrasion, Head	231	245	15	3
	748	Lethargic	668	668	1	1
	748	Rough Coat	668	668	1	1

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E2M	749	Pale	595	675	81	13
	749	Rough Coat	595	675	81	13
	749	Thin Appearance	595	675	81	13
	750	Tissue Mass, Tail	511	511	1	1
	752	Abrasion, Foot	539	737	199	29
	752	Tissue Mass, Neck	728	737	10	2
	754	Hunched Posture	539	546	8	2
	754	Pale	539	546	8	2
	754	Rough Coat	539	546	8	2
	754	Thin Appearance	539	546	8	2
	754	Laceration, Shoulder	329	469	141	21
	755	Hunched Posture	595	609	15	3
	755	Rough Coat	595	609	15	3
	755	Thin Appearance	595	609	15	3
	757	Abrasion, Head	133	245	113	17
	757	Alopecia, Head	133	728	596	86
	758	Alopecia, Body Dorsal	119	224	106	16
	758	Alopecia, Body Lateral	364	739	376	57
	758	Alopecia, Head	259	476	218	32
	758	Alopecia, Shoulder	231	739	509	76
	758	Rough Coat	511	728	218	32
	759	Tissue Mass, Head	651	668	18	4
	760	Rough Coat	739	739	1	1
	760	Thin Appearance	739	739	1	1
	761	Abrasion, Foot	560	743	184	52
	761	Abrasion, Head	70	343	274	40
	761	Alopecia, Head	175	476	302	44
	763	Abrasion, Body Lateral	518	743	226	32
	763	Tissue Mass, Body Ventral	497	511	15	3

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E2M	764	Abrasion, Body Dorsal	483	743	261	37
	765	Alopecia, Body Dorsal	357	728	372	54
	765	Tissue Mass, Body Lateral	728	743	16	2
	766	Abrasion, Body Dorsal	343	743	401	39
	766	Alopecia, Body Dorsal	210	245	36	6
	766	Alopecia, Body Ventral	21	42	22	4
	766	Rough Coat	525	728	204	30
	766	Thin Appearance	525	728	204	30
	766	Laceration, Body Dorsal	483	518	36	6
	767	Rough Coat	479	479	1	1
	767	Thin Appearance	479	479	1	1
	768	Abrasion, Foot	476	743	268	38
	768	Pale	567	743	177	25
	768	Hindlimb Weakness	217	743	527	75
	769	Rough Coat	616	641	26	5
	769	Thin Appearance	616	641	26	5
	770	Abrasion, Foot	560	745	186	26
	771	Abrasion, Foot	497	745	249	68
	772	Abrasion, Foot	560	745	186	26
	773	Rough Coat	678	678	1	1
	775	Abrasion, Foot	560	728	169	25
	776	Laceration, Foot	364	745	382	54
	777	Abrasion, Shoulder	147	175	29	5
	777	Alopecia, Neck	322	728	407	59
	777	Alopecia, Shoulder	63	728	666	96
	778	Distended Abdomen	539	539	1	1
	778	Tissue Mass, Body Ventral	448	455	8	2
	778	Tissue Mass, Genitalia	462	539	78	12
	779	Alopecia, Body Lateral	210	746	537	76

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E5M	821	Eyes, Discharge, Red	700	704	5	2
	821	Rough Coat	704	704	1	1
	821	Thin Appearance	704	704	1	1
	821	Tissue Mass, Nose/Muzzle	704	704	1	1
	822	Eyes, Discharge, Red	712	712	1	1
	822	Lethargic	712	712	1	1
	822	Rough Coat	712	712	1	1
	822	Thin Appearance	700	712	13	3
	823	Abrasion, Hindlimb	728	729	2	2
	823	Abrasion, Tail	729	729	1	1
	824	Abrasion, Body Dorsal	728	729	2	2
	827	Hunched Posture	623	641	19	4
	827	Rough Coat	623	641	19	4
	827	Thin Appearance	623	641	19	4
	829	Eyes, Discharge, Red	388	388	1	1
	829	Hunched Posture	388	388	1	1
	829	Lethargic	388	388	1	1
	829	Pale	388	388	1	1
	829	Rough Coat	388	388	1	1
	829	Labored Respiration	388	388	1	1
	829	Nasal Discharge, Red	388	388	1	1
	831	Rough Coat	602	728	127	19
	831	Thin Appearance	602	731	130	20
	834	Eyes, Discharge, Red	168	565	398	58
	836	Alopecia, Body Dorsal	231	613	383	56
	836	Alopecia, Body Ventral	315	613	299	44
	836	Alopecia, Forelimb	231	613	383	56
	836	Alopecia, Hindlimb	231	613	383	56
	836	Alopecia, Nose/Muzzle	231	613	383	56

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E5M	836	Eyes, Discharge, Red	252	308	57	9
	836	Thin Appearance	595	613	19	4
	837	Abrasion, Foot	560	735	176	26
	841	Abrasion, Body Ventral	399	469	71	11
	843	Discoloration, Genitalia	532	613	82	13
	843	Rough Coat	613	613	1	1
	845	Lethargic	580	580	1	1
	845	Pale	580	580	1	1
	845	Rough Coat	560	580	21	4
	845	Thin Appearance	567	580	14	3
	845	Labored Respiration	580	580	1	1
	848	Eyes, Discharge, Red	616	618	3	2
	848	Rough Coat	616	618	3	2
	848	Thin Appearance	616	618	3	4
	850	Eyes, Discharge, Red	497	532	36	6
	851	Alopecia, Body Lateral	343	728	386	56
	851	Eyes, Discharge, Red	28	77	50	3
	852	Tissue Mass, Nose/Muzzle	567	626	60	10
	854	Abrasion, Foot	504	692	189	53
	854	Hunched Posture	692	692	1	1
	854	Pale	692	692	1	1
	855	Rough Coat	672	739	68	10
	856	Hunched Posture	672	676	5	2
	856	Rough Coat	672	676	5	2
	856	Thin Appearance	672	676	5	2
	857	Hunched Posture	641	641	1	1
	857	Rough Coat	641	641	1	1
	857	Thin Appearance	641	641	1	1

Table F-1. Individual Animal Clinical Abnormalities – Males (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E5M	858	Pale	405	405	1	1
	858	Rough Coat	399	405	7	2
	858	Hindlimb Weakness	399	405	7	2
	859	Eyes, Discharge, Red	399	739	341	13
	861	Tissue Mass, Body Lateral	728	743	16	2
	865	Alopecia, Body Lateral	217	743	527	75
	865	Alopecia, Shoulder	217	743	527	75
	866	Alopecia, Body Lateral	196	196	1	1
	866	Alopecia, Shoulder	161	196	36	6
	868	Hunched Posture	553	564	12	3
	868	Pale	553	564	12	3
	868	Rough Coat	539	564	26	5
	868	Thin Appearance	560	564	5	2
	873	Alopecia, Body Dorsal	329	399	71	11
	875	Abrasion, Foot	504	745	242	65
	875	Tissue Mass, Eye Region	476	476	1	1
	876	Abrasion, Eye Region	581	728	148	22
	876	Tissue Mass, Eye Region	483	574	92	14

Table F-2. Individual Animal Clinical Abnormalities – Females

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CF	1121	Abrasion, Body Dorsal	357	364	8	2
	1121	Rough Coat	458	458	1	1
	1121	Thin Appearance	458	458	1	1
	1121	Swelling, Body Ventral	458	458	1	1
	1122	Hunched Posture	603	603	1	1
	1122	Pale	603	603	1	1
	1122	Rough Coat	581	603	23	5
	1122	Thin Appearance	581	603	23	5
	1122	Tissue Mass, Body Lateral	525	603	79	20
	1123	Abrasion, Body Dorsal	133	147	15	3
	1123	Pale	464	464	1	1
	1123	Tissue Mass, Body Lateral	455	464	10	3
	1124	Eye Discharge, Red	612	612	1	1
	1124	Hunched Posture	609	612	4	2
	1124	Pale	609	612	4	2
	1124	Rough Coat	609	612	4	2
	1124	Thin Appearance	612	612	1	1
	1127	Alopecia, Body Dorsal	651	729	79	13
	1128	Tissue Mass, Body Dorsal	560	728	169	8
	1129	Hunched Posture	596	596	1	1
	1129	Lethargic	596	596	1	1
	1129	Pale	596	596	1	1
	1129	Rough Coat	560	596	37	7
	1129	Forelimb Paralysis	595	596	2	2
	1132	Alopecia, Body Dorsal	294	462	169	25
	1133	Malocclusion	693	731	39	7
	1133	Swelling, Nose/Muzzle	693	707	15	3

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CF	1134	Alopecia, Body Dorsal	287	665	379	55
	1136	Hunched Posture	400	400	1	1
	1136	Pale	400	400	1	1
	1136	Tissue Mass, Neck	385	400	16	4
	1136	Ulceration, Neck	399	400	2	2
	1140	Labored Respiration	735	735	1	1
	1140	Nasal Discharge, Red	735	735	1	1
	1141	Thin Appearance	539	540	2	2
	1141	Labored Respiration	540	540	1	1
	1142	Alopecia, Body Dorsal	735	735	1	1
	1142	Vaginal Discharge, Red	504	504	1	1
	1142	Nasal Discharge, Clear	735	735	1	1
	1146	Alopecia, Body Dorsal	224	735	512	74
	1147	Alopecia, Body Dorsal	469	665	197	29
	1147	Tissue Mass, Body Ventral	693	735	43	7
	1149	Abrasion, Body Dorsal	161	224	64	9
	1149	Alopecia, Body Dorsal	161	665	505	73
	1149	Tissue Mass, Nose/Muzzle	693	737	45	7
	1151	Abrasion, Body Dorsal	399	737	339	49
	1151	Alopecia, Body Dorsal	224	737	514	74
	1152	Alopecia, Body Dorsal	224	504	281	41
	1152	Rough Coat	703	703	1	1
	1152	Thin Appearance	703	703	1	1
	1152	Nasal Discharge, Red	703	703	1	1
	1153	Eye Discharge, Red	420	737	318	42
	1155	Tissue Mass, Body Ventral	280	728	449	65

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CF	1158	Abrasion, Body Dorsal	168	385	218	32
	1158	Alopecia, Body Dorsal	168	741	574	82
	1158	Tissue Mass, Body Lateral	308	741	434	62
	1159	Abrasion, Body Dorsal	210	266	57	9
	1159	Alopecia, Body Dorsal	210	672	463	55
	1160	Eye Trauma	672	680	9	3
	1160	Rough Coat	679	680	2	2
	1160	Thin Appearance	679	680	2	2
	1161	Tissue Mass, Body Ventral	567	588	22	4
	1162	Tissue Mass, Body Lateral	693	741	49	7
	1165	Alopecia, Body Dorsal	504	588	85	13
	1165	Tissue Mass, Body Ventral	567	743	177	14
	1167	Abrasion, Body Dorsal	112	308	197	20
	1167	Alopecia, Body Dorsal	469	609	141	21
	1167	Tissue Mass, Body Ventral	560	743	184	15
	1168	Abrasion, Body Dorsal	189	196	8	2
	1168	Alopecia, Body Dorsal	203	462	260	38
	1169	Alopecia, Body Dorsal	294	588	295	43
	1170	Alopecia, Body Dorsal	203	743	541	77
	1170	Alopecia, Body Lateral	203	743	541	77
	1170	Alopecia, Body Ventral	231	743	513	73
	1170	Alopecia, Eye Region	224	743	520	74
	1170	Alopecia, Forelimb	203	743	541	77
	1170	Alopecia, Hindlimb	532	743	212	30
	1170	Alopecia, Nose/Muzzle	203	743	541	77

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CF	1172	Abrasion, Body Dorsal	168	168	1	1
	1172	Alopecia, Body Dorsal	175	462	288	42
	1172	Alopecia, Head	483	728	246	36
	1173	Abrasion, Body Dorsal	175	175	1	1
	1173	Alopecia, Body Dorsal	287	665	379	55
	1173	Alopecia, Forelimb	427	720	294	78
	1173	Lethargic	720	720	1	1
	1173	Pale	720	720	1	1
	1174	Abrasion, Body Ventral	744	744	1	1
	1174	Abrasion, Head	744	744	1	1
	1174	Alopecia, Body Lateral	98	686	589	85
	1174	Alopecia, Head	98	728	631	91
	1174	Alopecia, Shoulder	294	686	393	57
	1174	Tissue Mass, Neck	672	728	57	9
	1175	Eye Trauma	745	745	1	1
	1175	Eye Discharge, Red	399	728	330	44
	1177	Eye Discharge, Red	735	735	1	1
	1177	Vaginal Discharge, Red	553	553	1	1
	1177	Labored Respiration	735	735	1	1
	1177	Urogenital Region, Wet	735	735	1	1
	1177	Urine Stain	735	735	1	1
	1178	Alopecia, Body Dorsal	357	546	190	28
	1178	Thin Appearance	532	546	15	3

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CF	1180	Abrasion, Head	539	549	11	3
	1180	Alopecia, Head	532	549	18	4
	1180	Pale	532	549	18	4
	1180	Thin Appearance	532	549	18	4
CBF	1201	Alopecia, Body Dorsal	280	714	435	63
	1201	Pale	715	715	1	1
	1201	Prolapsed Vagina	714	715	2	2
	1202	Eye Discharge, Red	672	729	58	10
	1202	Tissue Mass, Body Ventral	196	707	512	74
	1203	Alopecia, Body Dorsal	210	512	303	45
	1203	Eye Discharge, Red	511	512	2	2
	1203	Hunched Posture	511	512	2	2
	1203	Pale	511	512	2	2
	1203	Rough Coat	511	512	2	2
	1203	Thin Appearance	511	512	2	2
	1205	Eye Discharge, Red	357	729	373	55
	1207	Pale	486	486	1	1
	1207	Rough Coat	486	486	1	1
	1207	Tissue Mass, Shoulder	476	486	11	3
	1207	Ulceration, Shoulder	486	486	1	1
	1208	Abrasion, Body Dorsal	49	364	316	37
	1208	Lethargic	365	365	1	1
	1208	Pale	365	365	1	1
	1208	Rough Coat	365	365	1	1
	1208	Vaginal Discharge, Red	365	365	1	1

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CBF	1209	Abrasion, Body Dorsal	56	259	204	14
	1209	Alopecia, Body Dorsal	266	665	400	58
	1209	Tissue Mass, Nose/Muzzle	616	729	114	18
	1210	Alopecia, Body Dorsal	490	665	176	26
	1211	Abrasion, Head	490	504	15	3
	1212	Pale	511	511	1	1
	1212	Thin Appearance	511	511	1	1
	1212	Tissue Mass, Body Lateral	427	511	85	13
	1212	Tissue Mass, Body Ventral	455	511	57	9
	1213	Alopecia, Body Dorsal	336	693	358	53
	1213	Tissue Mass, Body Lateral	476	693	218	33
	1214	Tissue Mass, Body Ventral	574	647	74	12
	1215	Alopecia, Body Dorsal	231	731	501	73
	1215	Alopecia, Body Lateral	126	731	606	88
	1215	Tissue Mass, Body Lateral	532	665	134	20
	1215	Tissue Mass, Body Ventral	693	731	39	7
	1216	Alopecia, Body Dorsal	210	609	400	58
	1216	Lethargic	609	609	1	1
	1216	Pale	609	609	1	1
	1216	Rough Coat	609	609	1	1
	1216	Thin Appearance	609	609	1	1
	1216	Sneezing	609	609	1	1
	1217	Alopecia, Body Dorsal	273	280	8	2
	1219	Abrasion, Head	70	112	43	6
	1219	Alopecia, Head	98	245	148	22

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CBF	1220	Abrasion, Body Dorsal	217	252	36	6
	1220	Alopecia, Body Dorsal	490	707	218	32
	1220	Alopecia, Head	98	112	15	3
	1220	Tissue Mass, Body Ventral	553	707	155	23
	1221	Abrasion, Head	126	126	1	1
	1221	Alopecia, Head	133	665	533	75
	1221	Alopecia, Neck	714	735	22	4
	1222	Alopecia, Body Dorsal	672	686	15	3
	1223	Alopecia, Body Dorsal	504	686	183	27
	1223	Laceration, Body Dorsal	672	686	15	3
	1224	Alopecia, Body Dorsal	497	499	3	2
	1224	Pale	497	499	3	2
	1224	Rough Coat	499	499	1	1
	1225	Eye Discharge, Red	720	720	1	1
	1225	Hunched Posture	720	720	1	1
	1225	Pale	720	720	1	1
	1225	Rough Coat	720	720	1	1
	1225	Thin Appearance	720	720	1	1
	1226	Abrasion, Nose/Muzzle	735	735	1	1
	1228	Alopecia, Body Dorsal	672	686	15	3
	1230	Alopecia, Body Dorsal	693	737	45	7
	1230	Hunched Posture	737	737	1	1
	1230	Rough Coat	737	737	1	1
	1230	Thin Appearance	737	737	1	1
	1230	Tissue Mass, Body Lateral	616	737	122	18
	1231	Tissue Mass, Body Lateral	737	737	1	1

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CBF	1232	Abrasion, Body Dorsal	737	737	1	1
	1232	Alopecia, Body Dorsal	224	737	514	71
	1233	Abrasion, Body Dorsal	168	175	8	2
	1233	Alopecia, Body Dorsal	210	672	463	65
	1234	Tissue Mass, Body Ventral	532	741	210	30
	1235	Hunched Posture	683	683	1	1
	1235	Lethargic	683	683	1	1
	1235	Rough Coat	683	683	1	1
	1236	Rough Coat	693	741	49	7
	1236	Thin Appearance	741	741	1	1
	1237	Abrasion, Head	161	161	1	1
	1237	Alopecia, Head	133	168	36	6
	1238	Abrasion, Head	154	161	8	2
	1238	Alopecia, Head	133	210	78	12
	1239	Tissue Mass, Body Lateral	532	741	210	30
	1240	Alopecia, Head	119	154	36	3
	1241	Alopecia, Head	147	499	353	17
	1241	Pale	490	499	10	3
	1241	Tissue Mass, Body Ventral	287	499	213	32
	1242	Alopecia, Body Dorsal	357	665	309	45
	1243	Abrasion, Head	420	665	246	36
	1243	Alopecia, Head	189	672	484	71
	1243	Alopecia, Neck	161	161	1	1
	1243	Hunched Posture	672	672	1	1
	1243	Lethargic	672	672	1	1
	1243	Rough Coat	672	672	1	2

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CBF	1243	Thin Appearance	672	672	1	2
	1243	Tissue Mass, Body Ventral	378	672	295	44
	1244	Abrasion, Body Dorsal	182	336	155	23
	1244	Alopecia, Body Dorsal	343	665	323	47
	1245	Abrasion, Head	168	259	92	12
	1245	Alopecia, Head	154	384	231	34
	1245	Tissue Mass, Body Lateral	266	384	119	23
	1246	Tissue Mass, Body Ventral	546	743	198	28
	1247	Eye Discharge, Red	715	715	1	1
	1247	Head Tilt	715	715	1	1
	1248	Alopecia, Body Dorsal	182	462	281	36
	1249	Alopecia, Body Dorsal	455	672	218	33
	1249	Hunched Posture	672	672	1	2
	1249	Lethargic	672	672	1	2
	1249	Rough Coat	672	672	1	2
	1249	Thin Appearance	672	672	1	2
	1249	Nasal Discharge, Red	672	672	1	2
	1250	Abrasion, Foot	546	609	64	10
	1250	Abrasion, Hindlimb	658	672	15	3
	1250	Tissue Mass, Body Dorsal	560	609	50	8
	1250	Tissue Mass, Body Lateral	616	743	128	18
	1253	Alopecia, Head	98	98	1	1
	1254	Abrasion, Head	147	147	1	1
	1254	Alopecia, Head	112	175	64	8
	1257	Lethargic	644	647	4	2
	1257	Pale	644	647	4	2
	1257	Rough Coat	644	647	4	2

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
CBF	1259	Pale	720	720	1	1
	1259	Hindlimb Paralysis	720	720	1	1
	1260	Abrasion, Body Dorsal	189	448	260	38
B0.2F	1321	Malocclusion	703	703	1	1
	1321	Vaginal Discharge, Red	703	703	1	1
	1321	Tissue Mass, Body Lateral	651	703	53	9
	1322	Alopecia, Body Dorsal	483	665	183	27
	1323	Hunched Posture	689	689	1	1
	1323	Pale	689	689	1	1
	1324	Abrasion, Body Dorsal	182	644	463	61
	1324	Alopecia, Body Dorsal	329	644	316	46
	1324	Hunched Posture	652	652	1	1
	1324	Pale	652	652	1	1
	1324	Rough Coat	652	652	1	1
	1324	Thin Appearance	652	652	1	1
	1325	Alopecia, Body Dorsal	259	672	414	60
	1325	Alopecia, Shoulder	203	252	50	8
	1325	Eye Discharge, Red	710	710	1	1
	1325	Hunched Posture	710	710	1	1
	1325	Rough Coat	710	710	1	1
	1325	Thin Appearance	710	710	1	1
	1325	Nasal Discharge, Red	710	710	1	1
	1325	Tissue Mass, Body Lateral	672	710	39	7
	1326	Tissue Mass, Body Ventral	497	631	135	21
	1326	Ulceration, Body Ventral	539	631	93	15
	1329	Alopecia, Body Dorsal	203	476	274	40

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B0.2F	1331	Tissue Mass, Body Lateral	532	665	134	20
	1334	Alopecia, Body Dorsal	224	665	442	64
	1336	Alopecia, Body Dorsal	672	731	60	10
	1337	Alopecia, Body Dorsal	553	553	1	2
	1337	Rough Coat	553	553	1	2
	1337	Disoriented/Circling	553	553	1	1
	1337	Head Tilt	553	553	1	1
	1337	Tissue Mass, Body Lateral	518	553	36	7
	1337	Tissue Mass, Body Ventral	462	553	92	25
	1338	Abrasion, Body Dorsal	189	189	1	1
	1338	Alopecia, Head	532	731	200	30
	1340	Abrasion, Body Dorsal	511	512	2	2
	1340	Alopecia, Body Dorsal	504	512	9	3
	1340	Hunched Posture	512	512	1	1
	1340	Rough Coat	511	512	2	2
	1340	Thin Appearance	511	512	2	2
	1341	Pale	311	311	1	1
	1341	Tissue Mass, Genitalia	311	311	1	1
	1342	Abrasion, Body Dorsal	616	665	50	8
	1342	Alopecia, Body Dorsal	672	735	64	10
	1342	Alopecia, Body Lateral	672	735	64	10
	1343	Alopecia, Body Dorsal	469	735	267	39
	1345	Tissue Mass, Body Ventral	553	567	15	3
	1346	Alopecia, Neck	672	735	64	10
	1348	Alopecia, Body Dorsal	504	665	162	24
	1349	Thin Appearance	567	609	43	7

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B0.2F	1350	Abrasion, Tail	679	686	8	2
	1350	Tissue Mass, Tail	504	672	169	25
	1352	Abrasion, Body Dorsal	182	728	547	59
	1352	Alopecia, Body Dorsal	357	737	381	55
	1352	Alopecia, Body Ventral	476	665	190	28
	1353	Alopecia, Body Dorsal	182	504	323	47
	1353	Alopecia, Body Lateral	287	504	218	32
	1353	Eye Discharge, Red	616	737	122	18
	1353	Tissue Mass, Body Lateral	546	567	22	4
	1354	Abrasion, Body Dorsal	707	728	22	4
	1354	Alopecia, Body Dorsal	490	672	183	27
	1354	Tissue Mass, Body Dorsal	741	741	1	1
	1355	Hunched Posture	518	526	9	3
	1355	Pale	518	526	9	3
	1355	Rough Coat	511	526	16	4
	1355	Thin Appearance	511	526	16	4
	1355	Nasal Discharge, Red	511	526	16	4
	1356	Alopecia, Body Dorsal	231	672	442	64
	1356	Nasal Discharge, Red	672	672	1	1
	1356	Tissue Mass, Body Lateral	693	741	49	7
	1357	Alopecia, Body Dorsal	210	735	526	76
	1357	Malocclusion	693	735	43	7
	1357	Hunched Posture	672	735	64	10
	1357	Rough Coat	672	735	64	10
	1357	Thin Appearance	735	735	1	1
	1357	Labored Respiration	735	735	1	1

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B0.2F	1357	Nasal Discharge, Red	672	672	1	1
	1358	Abrasion, Body Dorsal	168	175	8	2
	1358	Tissue Mass, Body Ventral	497	563	67	11
	1358	Ulceration, Body Ventral	563	563	1	1
	1360	Malocclusion	693	741	49	7
	1361	Tissue Mass, Tail	741	741	1	1
	1363	Tissue Mass, Body Ventral	560	743	184	26
	1364	Tissue Mass, Body Lateral	616	742	127	18
	1365	Eye Discharge, Red	168	175	8	2
	1365	Tissue Mass, Body Ventral	693	720	28	5
	1365	Ulceration, Body Ventral	672	720	49	8
	1366	Hunched Posture	672	672	1	1
	1366	Lethargic	672	680	9	2
	1366	Pale	680	680	1	1
	1366	Rough Coat	672	672	1	1
	1366	Nasal Discharge, Red	672	672	1	1
	1367	Alopecia, Body Dorsal	483	743	261	37
	1367	Alopecia, Body Ventral	672	743	72	10
	1369	Abrasion, Body Dorsal	490	665	176	26
	1369	Alopecia, Body Dorsal	490	665	176	26
	1369	Tissue Mass, Body Ventral	693	743	51	13
	1372	Alopecia, Shoulder	490	745	256	36
	1373	Abrasion, Body Dorsal	196	224	29	5
	1373	Alopecia, Body Dorsal	231	469	239	35
	1373	Alopecia, Shoulder	126	483	358	5
	1374	Alopecia, Body Dorsal	693	745	53	7

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B0.2F	1376	Tissue Mass, Body Dorsal	745	745	1	1
	1377	Tissue Mass, Body Lateral	518	745	228	32
	1378	Abrasion, Neck	357	462	106	16
	1378	Hunched Posture	651	652	2	2
	1378	Pale	652	652	1	1
	1378	Thin Appearance	651	652	2	3
B2F	1421	Alopecia, Body Dorsal	672	728	57	9
	1421	Thin Appearance	729	729	1	1
	1422	Rough Coat	693	728	36	6
	1422	Thin Appearance	693	728	36	6
	1423	Lethargic	693	693	1	1
	1423	Thin Appearance	693	693	1	1
	1425	Rough Coat	729	729	1	1
	1425	Thin Appearance	672	729	58	10
	1425	Tissue Mass, Body Ventral	483	729	247	37
	1427	Alopecia, Body Dorsal	497	728	232	34
	1427	Tissue Mass, Body Ventral	553	665	113	17
	1429	Eye Discharge, Red	511	532	22	4
	1429	Pale	511	532	22	4
	1429	Rough Coat	511	532	22	4
	1429	Thin Appearance	532	532	1	1
	1430	Alopecia, Body Dorsal	210	731	522	76
	1431	Tissue Mass, Body Ventral	532	609	78	12
	1432	Abrasion, Nose/Muzzle	420	476	57	9
	1432	Alopecia, Body Dorsal	224	731	508	74

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B2F	1432	Alopecia, Forelimb	476	731	256	38
	1432	Alopecia, Neck	476	731	256	38
	1432	Rough Coat	497	532	36	6
	1433	Abrasion, Body Dorsal	322	637	316	46
	1433	Abrasion, Head	385	637	253	37
	1433	Alopecia, Body Dorsal	490	637	148	22
	1435	Alopecia, Body Dorsal	483	665	183	27
	1438	Rough Coat	731	731	1	1
	1439	Alopecia, Body Dorsal	490	682	193	29
	1439	Distended Abdomen	682	682	1	1
	1439	Hunched Posture	672	682	11	3
	1439	Pale	682	682	1	1
	1439	Thin Appearance	672	682	11	3
	1440	Abrasion, Head	273	371	99	15
	1440	Alopecia, Body Ventral	378	672	295	43
	1440	Alopecia, Head	252	476	225	33
	1441	Lethargic	434	434	1	1
	1441	Pale	434	434	1	1
	1441	Rough Coat	392	434	43	7
	1441	Head Tilt	434	434	1	1
	1441	Tissue Mass, Body Ventral	427	434	8	2
	1442	Abrasion, Nose/Muzzle	511	546	36	6
	1442	Tissue Mass, Nose/Muzzle	553	609	57	9
	1443	Alopecia, Body Dorsal	497	665	169	25
	1443	Tissue Mass, Body Ventral	693	735	43	7

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B2F	1444	Nasal Discharge, Red	560	560	1	1
	1444	Tissue Mass, Body Ventral	476	631	156	24
	1444	Tissue Mass, Neck	399	469	71	11
	1446	Tissue Mass, Body Ventral	672	735	64	10
	1448	Nasal Discharge, Red	672	686	15	3
	1451	Thin Appearance	357	378	22	4
	1451	Tissue Mass, Body Lateral	737	737	1	1
	1452	Rough Coat	737	737	1	1
	1452	Thin Appearance	357	364	8	2
	1453	Thin Appearance	357	364	8	2
	1454	Alopecia, Body Dorsal	329	728	400	58
	1455	Tissue Mass, Body Ventral	693	741	49	7
	1456	Rough Coat	672	689	18	4
	1456	Thin Appearance	672	689	18	4
	1457	Alopecia, Body Dorsal	469	475	7	2
	1457	Hunched Posture	475	475	1	1
	1457	Pale	475	475	1	1
	1457	Rough Coat	475	475	1	1
	1457	Prolapsed Vagina	475	475	1	1
	1458	Abrasion, Shoulder	560	665	106	16
	1458	Tissue Mass, Body Ventral	252	741	490	70
	1459	Alopecia, Body Dorsal	224	665	442	64
	1459	Pale	720	720	1	1
	1459	Ulceration, Body Dorsal	720	720	1	1
	1460	Tissue Mass, Body Ventral	413	448	36	6

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			Total Number
			First Day	Last Day	Interval	
B2F	1461	Rough Coat	455	546	92	14
	1461	Thin Appearance	539	546	8	2
	1462	Abrasion, Body Dorsal	357	741	385	55
	1462	Abrasion, Body Lateral	273	741	469	67
	1462	Alopecia, Body Dorsal	98	741	644	88
	1462	Alopecia, Body Lateral	98	741	644	92
	1462	Alopecia, Body Ventral	98	741	644	92
	1462	Alopecia, Eye Region	147	741	595	85
	1462	Alopecia, Foot	182	741	560	80
	1462	Alopecia, Forelimb	98	741	644	92
	1462	Alopecia, Genitalia	147	741	595	85
	1462	Alopecia, Head	133	741	609	87
	1462	Alopecia, Hindlimb	105	741	637	91
	1462	Alopecia, Neck	154	741	588	84
	1462	Alopecia, Nose/Muzzle	112	741	630	90
	1462	Alopecia, Shoulder	126	741	616	88
	1462	Reddened Ears	133	665	533	77
	1462	Eye Discharge, Red	182	497	316	46
	1464	Alopecia, Body Dorsal	490	672	183	27
	1466	Tissue Mass, Body Ventral	609	609	1	1
	1467	Abrasion, Tail	567	658	92	14
	1467	Eye Discharge, Red	476	476	1	1
	1468	Alopecia, Body Dorsal	280	665	386	56
	1468	Alopecia, Body Lateral	357	665	309	45

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B2F	1470	Nasal Discharge, Red	731	731	1	1
	1470	Tissue Mass, Body Ventral	731	731	1	1
	1470	Ulceration, Body Ventral	731	731	1	1
	1476	Alopecia, Neck	497	665	169	25
	1478	Alopecia, Body Dorsal	672	672	1	1
	1479	Alopecia, Body Dorsal	224	672	449	65
	1480	Hunched Posture	567	598	32	6
	1480	Pale	598	598	1	1
	1480	Thin Appearance	567	598	32	7
	1480	Disoriented/Circling	595	598	4	2
B5F	1521	Alopecia, Body Dorsal	511	729	219	33
	1521	Thin Appearance	729	729	1	1
	1522	Alopecia, Body Dorsal	322	665	344	50
	1523	Alopecia, Head	497	729	233	35
	1523	Alopecia, Neck	490	729	240	36
	1524	Alopecia, Body Dorsal	133	728	596	17
	1524	Alopecia, Body Lateral	28	105	78	12
	1524	Alopecia, Body Ventral	35	350	316	46
	1524	Alopecia, Head	35	119	85	13
	1524	Alopecia, Neck	77	728	652	94
	1524	Alopecia, Shoulder	112	350	239	35
	1524	Rough Coat	729	729	1	1
	1525	Alopecia, Body Dorsal	119	140	22	4
	1525	Alopecia, Body Lateral	35	665	631	91
	1525	Alopecia, Body Ventral	42	665	624	90

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B5F	1525	Alopecia, Forelimb	42	238	197	29
	1525	Alopecia, Head	56	133	78	12
	1525	Alopecia, Hindlimb	63	238	176	26
	1525	Alopecia, Neck	77	665	589	85
	1525	Alopecia, Shoulder	49	665	617	89
	1525	Rough Coat	490	490	1	1
	1527	Abrasion, Body Dorsal	385	729	345	51
	1527	Abrasion, Head	385	729	345	51
	1527	Alopecia, Body Dorsal	476	729	254	38
	1527	Rough Coat	729	729	1	1
	1527	Thin Appearance	729	729	1	1
	1530	Respiratory Sounds	731	731	1	1
	1533	Alopecia, Body Dorsal	490	490	1	1
	1534	Alopecia, Body Dorsal	490	546	57	9
	1534	Alopecia, Body Lateral	497	546	50	8
	1534	Rough Coat	483	546	64	10
	1537	Abrasion, Body Dorsal	490	731	242	36
	1537	Alopecia, Body Dorsal	469	731	263	39
	1538	Prolapsed Vagina	574	574	1	1
	1540	Alopecia, Body Dorsal	238	672	435	63
	1541	Abrasion, Head	126	126	1	1
	1541	Alopecia, Body Dorsal	476	672	197	29
	1541	Vaginal Discharge, Red	483	483	1	1
	1547	Alopecia, Body Dorsal	483	735	253	37
	1547	Nasal Discharge, Red	672	735	64	10

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B5F	1548	Alopecia, Body Dorsal	420	469	50	8
	1548	Alopecia, Body Lateral	476	672	197	55
	1548	Alopecia, Neck	497	672	176	26
	1548	Tissue Mass, Body Lateral	504	720	217	32
	1548	Tissue Mass, Neck	672	720	49	8
	1549	Alopecia, Body Dorsal	308	644	337	49
	1549	Alopecia, Neck	322	644	323	47
	1549	Tissue Mass, Body Dorsal	737	737	1	1
	1550	Distended Abdomen	548	548	1	1
	1550	Pale	546	548	3	2
	1550	Rough Coat	546	548	3	2
	1550	Thin Appearance	546	548	3	2
	1552	Prolapsed Vagina	490	490	1	1
	1552	Tissue Mass, Genitalia	490	490	1	1
	1559	Rough Coat	525	532	8	2
	1559	Thin Appearance	532	532	1	1
	1560	Alopecia, Forelimb	490	532	43	7
	1560	Pale	532	532	1	1
	1560	Thin Appearance	532	532	1	1
	1560	Tissue Mass, Body Ventral	490	532	43	7
	1560	Ulceration, Body Ventral	532	532	1	1
	1565	Hunched Posture	451	451	1	1
	1565	Rough Coat	451	451	1	1
	1565	Thin Appearance	451	451	1	1
	1567	Alopecia, Body Dorsal	476	686	211	31
	1569	Alopecia, Body Dorsal	497	665	169	25

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
B5F	1570	Tissue Mass, Body Ventral	525	743	219	31
	1570	Ulceration, Body Ventral	693	743	51	7
	1572	Alopecia, Body Lateral	42	609	568	82
	1572	Alopecia, Foot	490	609	120	18
	1572	Alopecia, Head	77	126	50	8
	1572	Alopecia, Shoulder	126	147	22	4
	1572	Eye Discharge, Red	420	745	326	44
	1573	Alopecia, Body Dorsal	154	266	113	17
	1573	Alopecia, Body Ventral	476	609	134	20
	1573	Alopecia, Neck	469	609	141	21
	1574	Hunched Posture	451	451	1	1
	1574	Lethargic	451	451	1	1
	1574	Rough Coat	451	451	1	1
	1574	Thin Appearance	451	451	1	1
	1575	Alopecia, Body Dorsal	476	644	169	25
	1579	Nasal Discharge, Red	672	728	57	9
E0.2F	1621	Alopecia, Body Dorsal	224	252	29	5
	1622	Tissue Mass, Body Lateral	672	729	58	10
	1623	Tissue Mass, Body Lateral	609	729	121	19
	1623	Tissue Mass, Body Ventral	693	729	37	7
	1624	Alopecia, Body Dorsal	490	729	240	36
	1624	Hunched Posture	672	729	58	10
	1624	Thin Appearance	672	729	58	10
	1625	Abrasion, Foot	567	729	163	25
	1625	Alopecia, Body Dorsal	490	665	176	26

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E0.2F	1626	Hunched Posture	609	612	4	2
	1626	Pale	612	612	1	1
	1626	Rough Coat	609	612	4	2
	1626	Thin Appearance	609	612	4	2
	1627	Tissue Mass, Body Lateral	483	672	190	28
	1628	Thin Appearance	567	631	65	11
	1628	Tissue Mass, Body Lateral	462	631	170	26
	1630	Alopecia, Shoulder	133	147	15	3
	1633	Alopecia, Body Dorsal	63	476	414	60
	1633	Pale	612	612	1	1
	1633	Rough Coat	612	612	1	1
	1633	Prolapsed Vagina	612	612	1	1
	1634	Alopecia, Body Dorsal	280	675	396	11
	1634	Alopecia, Body Lateral	28	56	29	5
	1634	Alopecia, Shoulder	63	665	603	87
	1634	Tissue Mass, Body Lateral	441	675	235	35
	1635	Alopecia, Body Lateral	28	496	469	68
	1635	Alopecia, Body Ventral	28	496	469	68
	1635	Alopecia, Forelimb	98	336	239	35
	1635	Alopecia, Hindlimb	154	496	343	50
	1635	Tissue Mass, Body Lateral	427	476	50	8
	1636	Abrasion, Foot	693	731	39	7
	1636	Tissue Mass, Body Lateral	504	609	106	16
	1636	Tissue Mass, Body Ventral	672	731	60	10
	1638	Alopecia, Body Lateral	378	665	288	42

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E0.2F	1639	Alopecia, Body Dorsal	476	490	15	3
	1639	Lethargic	676	676	1	1
	1639	Pale	676	676	1	1
	1639	Thin Appearance	676	676	1	1
	1640	Alopecia, Body Dorsal	224	336	113	17
	1641	Abrasion, Body Dorsal	91	490	400	50
	1641	Alopecia, Body Dorsal	112	665	554	80
	1645	Alopecia, Body Dorsal	224	476	253	37
	1646	Hunched Posture	735	735	1	1
	1646	Rough Coat	735	735	1	1
	1646	Thin Appearance	735	735	1	1
	1646	Nasal Discharge, Red	735	735	1	1
	1647	Pale	490	533	44	8
	1647	Tissue Mass, Body Lateral	217	533	317	47
	1651	Abrasion, Body Dorsal	147	161	15	3
	1651	Abrasion, Body Lateral	119	217	99	12
	1651	Alopecia, Body Dorsal	126	737	612	88
	1651	Alopecia, Body Lateral	28	737	710	102
	1651	Alopecia, Neck	224	737	514	74
	1652	Alopecia, Body Lateral	737	737	1	1
	1652	Alopecia, Forelimb	49	737	689	61
	1652	Alopecia, Hindlimb	329	336	8	2
	1652	Alopecia, Shoulder	259	737	479	69
	1653	Alopecia, Body Dorsal	210	737	528	76
	1653	Alopecia, Body Lateral	35	189	155	23

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E0.2F	1653	Alopecia, Head	196	737	542	78
	1653	Alopecia, Shoulder	737	737	1	1
	1654	Alopecia, Body Dorsal	217	336	120	18
	1655	Alopecia, Head	490	741	252	36
	1655	Alopecia, Neck	490	741	252	36
	1657	Alopecia, Body Dorsal	210	741	532	76
	1658	Alopecia, Body Dorsal	210	652	443	65
	1658	Hunched Posture	652	652	1	1
	1658	Pale	652	652	1	1
	1658	Rough Coat	652	652	1	1
	1658	Thin Appearance	652	652	1	1
	1659	Tissue Mass, Body Lateral	693	741	49	7
	1660	Alopecia, Body Dorsal	343	703	361	53
	1660	Rough Coat	693	703	11	3
	1660	Thin Appearance	693	703	11	3
	1660	Nasal Discharge, Red	703	703	1	1
	1665	Alopecia, Body Dorsal	308	665	358	31
	1666	Alopecia, Body Dorsal	476	743	268	38
	1666	Alopecia, Neck	126	743	618	88
	1666	Alopecia, Shoulder	315	743	429	61
	1666	Tissue Mass, Body Ventral	511	743	233	33
	1667	Alopecia, Body Dorsal	280	728	449	65
	1668	Alopecia, Body Dorsal	357	665	309	45
	1671	Abrasion, Body Dorsal	392	665	274	40
	1671	Alopecia, Body Dorsal	357	672	316	46
	1671	Tissue Mass, Body Ventral	693	743	51	7

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E0.2F	1672	Alopecia, Body Dorsal	490	665	176	26
	1674	Alopecia, Body Dorsal	343	745	403	57
	1675	Malocclusion	693	693	1	1
	1676	Alopecia, Body Dorsal	497	686	190	28
	1677	Alopecia, Body Dorsal	280	336	57	9
	1677	Alopecia, Body Lateral	693	745	53	7
	1677	Alopecia, Body Ventral	490	665	176	26
	1680	Malocclusion	693	745	53	7
	1680	Tissue Mass, Body Ventral	672	745	74	10
E2F	1722	Thin Appearance	729	729	1	1
	1723	Alopecia, Body Dorsal	343	665	323	47
	1724	Alopecia, Body Dorsal	672	672	1	1
	1724	Tissue Mass, Genitalia	672	729	58	10
	1728	Thin Appearance	540	540	1	1
	1728	Labored Respiration	539	539	1	1
	1729	Alopecia, Body Dorsal	490	661	172	26
	1730	Eye Opacity	672	731	60	10
	1730	Hunched Posture	731	731	1	1
	1730	Rough Coat	731	731	1	1
	1731	Alopecia, Body Dorsal	287	450	164	25
	1733	Eye Discharge, Red	672	731	60	10
	1734	Alopecia, Body Dorsal	672	672	1	1
	1734	Alopecia, Body Lateral	49	63	15	3
	1737	Alopecia, Body Ventral	189	703	515	75
	1737	Alopecia, Forelimb	343	703	361	53

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E2F	1737	Alopecia, Hindlimb	189	703	515	75
	1737	Alopecia, Neck	217	665	449	65
	1737	Tissue Mass, Body Lateral	455	703	249	37
	1737	Ulceration, Body Lateral	703	703	1	1
	1742	Alopecia, Body Dorsal	217	486	270	18
	1743	Rough Coat	735	735	1	1
	1747	Abrasion, Tail	651	735	85	13
	1748	Alopecia, Body Dorsal	322	686	365	53
	1748	Tissue Mass, Body Ventral	693	737	45	7
	1749	Nasal Discharge, Red	672	728	57	9
	1750	Tissue Mass, Body Ventral	672	737	66	11
	1750	Ulceration, Body Ventral	693	737	45	7
	1751	Abrasion, Body Dorsal	737	737	1	1
	1751	Alopecia, Body Dorsal	469	737	269	39
	1752	Alopecia, Body Dorsal	672	672	1	1
	1753	Eye Discharge, Red	693	737	45	7
	1754	Abrasion, Body Dorsal	357	665	309	69
	1754	Alopecia, Body Dorsal	511	728	218	30
	1755	Alopecia, Body Dorsal	490	665	176	26
	1756	Tissue Mass, Body Ventral	511	719	209	31
	1758	Eye Discharge, Red	378	741	364	52
	1759	Abrasion, Body Dorsal	196	196	1	1
	1759	Hunched Posture	567	598	32	6
	1759	Pale	598	598	1	1
	1759	Thin Appearance	567	598	32	6
	1759	Tissue Mass, Body Ventral	483	598	116	18

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E2F	1763	Tissue Mass, Body Lateral	743	743	1	1
	1764	Alopecia, Body Dorsal	497	672	176	26
	1764	Alopecia, Foot	511	672	162	24
	1764	Alopecia, Forelimb	686	686	1	1
	1764	Alopecia, Shoulder	693	743	51	7
	1765	Alopecia, Head	476	665	190	28
	1769	Alopecia, Body Ventral	672	710	39	7
	1769	Hunched Posture	710	710	1	1
	1769	Rough Coat	710	710	1	1
	1769	Thin Appearance	710	710	1	1
	1769	Head Tilt	693	710	18	4
	1769	Tissue Mass, Body Dorsal	679	710	32	6
	1769	Tissue Mass, Body Ventral	525	665	141	21
	1771	Alopecia, Body Dorsal	287	308	22	4
	1772	Alopecia, Body Dorsal	476	476	1	1
	1773	Alopecia, Body Dorsal	224	728	505	23
	1774	Alopecia, Body Dorsal	224	728	505	73
	1774	Tissue Mass, Body Ventral	483	665	183	27
	1776	Alopecia, Body Ventral	420	745	326	46
	1776	Alopecia, Forelimb	420	745	326	81
	1776	Alopecia, Hindlimb	420	745	326	81
	1777	Tissue Mass, Body Lateral	371	745	375	53
	1778	Alopecia, Body Dorsal	672	693	22	5
	1778	Hunched Posture	672	693	22	5
	1778	Rough Coat	672	693	22	3

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E2F	1778	Thin Appearance	693	693	1	2
	1778	Head Tilt	693	693	1	2
	1779	Alopecia, Body Dorsal	343	493	151	23
	1779	Alopecia, Body Lateral	154	493	340	46
	1779	Alopecia, Neck	490	493	4	2
	1779	Pale	483	493	11	3
	1779	Rough Coat	483	493	11	3
	1780	Abrasion, Body Dorsal	483	665	183	27
	1780	Alopecia, Body Dorsal	497	672	176	26
	1780	Alopecia, Neck	315	672	358	52
E5F	1821	Alopecia, Body Dorsal	672	728	57	9
	1826	Alopecia, Body Dorsal	196	308	113	17
	1826	Alopecia, Neck	21	35	15	3
	1826	Eye Opacity	511	729	219	33
	1826	Pale	504	609	106	16
	1827	Alopecia, Body Dorsal	210	224	15	3
	1830	Hunched Posture	689	689	1	1
	1830	Lethargic	689	689	1	1
	1830	Thin Appearance	689	689	1	1
	1830	Respiratory Sounds	689	689	1	1
	1832	Alopecia, Body Dorsal	672	672	1	1
	1835	Tissue Mass, Body Ventral	731	731	1	1
	1838	Alopecia, Body Lateral	672	720	49	8
	1838	Tissue Mass, Body Lateral	476	720	245	36

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E5F	1841	Tissue Mass, Body Ventral	693	735	43	7
	1841	Tissue Mass, Neck	672	672	1	1
	1842	Tissue Mass, Foot	672	735	64	10
	1847	Rough Coat	735	735	1	1
	1847	Thin Appearance	735	735	1	1
	1847	Tissue Mass, Body Ventral	672	735	64	10
	1848	Abrasion, Body Dorsal	693	728	36	6
	1848	Alopecia, Body Dorsal	420	737	318	46
	1848	Rough Coat	737	737	1	1
	1849	Abrasion, Head	266	665	400	58
	1849	Alopecia, Body Dorsal	672	737	66	10
	1849	Alopecia, Head	252	737	486	70
	1850	Alopecia, Body Dorsal	315	737	423	61
	1850	Rough Coat	737	737	1	1
	1851	Rough Coat	737	737	1	1
	1854	Abrasion, Body Dorsal	413	665	253	37
	1854	Alopecia, Body Dorsal	308	741	434	62
	1855	Alopecia, Body Dorsal	490	714	225	33
	1855	Laceration, Body Lateral	715	715	1	1
	1855	Tissue Mass, Body Lateral	707	714	8	2
	1856	Alopecia, Body Dorsal	224	741	518	49
	1857	Alopecia, Body Dorsal	672	741	70	10
	1857	Tissue Mass, Body Lateral	490	741	252	36
	1860	Pale	652	652	1	1
	1860	Thin Appearance	652	652	1	1

Table F-2. Individual Animal Clinical Abnormalities – Females (Continued)

Group	Animal ID	Observation	Observed			
			First Day	Last Day	Interval	Total Number
E5F	1862	Pale	683	683	1	1
	1862	Nasal Discharge, Red	683	683	1	1
	1862	Tissue Mass, Body Lateral	574	683	110	17
	1862	Tissue Mass, Foot	567	567	1	1
	1865	Alopecia, Body Dorsal	672	728	57	9
	1867	Alopecia, Body Dorsal	280	743	464	66
	1869	Alopecia, Body Dorsal	273	728	456	66
	1869	Alopecia, Neck	743	743	1	1
	1869	Alopecia, Shoulder	154	728	575	83
	1870	Alopecia, Body Dorsal	672	679	8	2
	1871	Alopecia, Forelimb	140	308	169	25
	1874	Hunched Posture	476	476	1	1
	1874	Pale	476	476	1	1
	1874	Rough Coat	476	476	1	1
	1875	Alopecia, Body Dorsal	357	728	372	54
	1876	Tissue Mass, Body Ventral	574	745	172	24
	1878	Rough Coat	693	698	6	2
	1878	Thin Appearance	693	698	6	2
	1878	Nasal Discharge, Red	693	693	1	1
	1879	Alopecia, Body Dorsal	672	745	74	10
	1880	Alopecia, Body Dorsal	672	728	57	9

Table F-3. Individual Animal Body Weight (g) Data – Males

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
CM	121	167.6	210.9	240.2	273.3	269.3	307.4	328.8	344.1	360.1	368.4
	122	151.7	185.7	209.0	239.0	254.9	271.4	290.7	301.0	313.5	321.8
	123	127.1	164.0	192.9	227.2	252.7	272.7	284.9	298.0	308.9	317.3
	124	135.3	176.3	215.1	258.2	299.6	327.2	346.0	363.8	380.0	387.5
	125	122.0	162.2	196.0	241.8	272.5	293.1	310.5	329.0	342.1	358.4
	126	128.1	164.8	196.6	233.4	262.7	278.2	295.9	302.6	323.1	330.4
	127	135.8	172.3	204.7	237.7	270.5	288.7	304.8	316.9	329.0	337.4
	128	138.0	170.2	204.9	241.9	273.2	297.8	301.8	323.8	335.4	343.1
	129	114.6	149.7	174.4	210.4	243.3	263.7	278.4	291.8	300.4	307.1
	130	132.8	169.9	204.2	242.0	277.0	304.3	328.2	345.2	357.0	363.6
	131	102.7	132.8	158.4	189.6	215.3	232.6	243.4	258.0	265.9	269.8
	132	148.9	177.8	208.7	243.6	268.8	291.8	306.1	326.1	339.4	343.7
	133	140.7	175.5	212.9	246.8	268.7	286.6	298.2	317.0	328.1	337.2
	134	105.0	140.1	171.8	217.5	255.2	278.5	296.3	309.4	322.0	333.1
	135	142.9	177.1	212.6	251.9	277.4	292.5	308.6	323.7	330.8	341.4
	136	121.4	159.4	195.4	244.8	275.4	293.8	312.3	323.8	334.1	351.8
	137	140.5	175.7	203.4	233.6	260.2	275.1	291.2	302.2	315.3	327.4
	138	126.1	162.1	193.4	238.2	275.5	298.9	315.6	336.1	352.2	364.4
	139	115.7	150.9	184.3	230.2	259.1	290.5	308.8	328.5	340.9	349.3
	140	129.8	161.9	185.1	218.8	242.3	264.7	278.8	291.2	304.9	311.9
	141	162.3	209.0	246.3	285.3	314.4	336.1	353.7	368.8	387.1	400.8
	142	123.8	161.0	194.1	234.6	270.3	293.0	311.5	326.4	340.8	346.6
	143	130.5	169.7	201.2	240.6	273.3	297.0	318.5	335.3	342.8	352.4
	144	152.2	198.2	232.4	274.7	311.8	334.8	355.8	376.2	394.8	404.1
	145	120.0	151.4	187.6	234.2	272.8	299.5	323.2	346.4	363.6	375.2
	146	106.5	132.5	161.9	200.4	229.8	244.1	262.2	279.2	288.9	302.2
	147	116.3	153.3	191.0	236.7	272.1	294.2	320.6	338.5	347.7	363.2

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
CM	148	134.5	167.5	202.2	237.5	266.5	286.7	308.4	318.5	337.5	340.9
	149	123.0	158.6	188.4	235.0	271.8	303.2	322.9	344.2	356.0	368.0
	150	108.4	140.0	172.9	212.4	241.0	265.4	282.0	299.0	309.5	317.5
	151	118.5	160.4	191.7	241.2	284.0	306.0	328.6	347.3	363.9	375.7
	152	121.0	158.1	191.5	230.6	257.5	272.1	290.1	301.1	312.0	320.2
	153	119.2	150.8	176.5	209.0	229.6	238.8	250.7	267.6	273.9	281.3
	154	117.0	147.5	181.2	222.2	256.1	279.1	298.9	320.6	334.4	344.9
	155	141.5	173.4	209.6	247.3	279.1	295.9	304.8	313.8	326.5	332.3
	156	128.6	164.7	197.8	236.0	265.4	294.2	309.8	330.4	344.9	357.3
	157	131.3	167.6	199.1	238.1	262.3	275.9	297.4	303.0	312.0	323.2
	158	109.7	137.5	166.6	205.2	224.6	241.9	253.1	261.6	271.1	279.4
	159	124.4	153.6	182.8	225.8	251.4	275.4	291.9	307.6	317.3	328.8
	160	101.0	135.5	169.4	215.4	247.0	272.9	298.6	313.8	328.6	342.7
	161	146.2	181.4	211.9	246.2	275.9	296.6	314.1	333.0	346.1	358.7
	162	139.6	177.2	210.8	251.7	278.5	299.9	308.5	322.5	333.3	343.9
	163	133.4	168.2	201.7	244.2	282.3	305.2	325.1	342.4	357.4	369.9
	164	134.7	171.8	206.6	243.7	269.6	287.6	300.7	312.5	322.3	334.0
	165	144.0	176.6	213.4	258.1	286.1	306.4	322.8	337.8	354.6	369.9
	166	138.8	180.7	218.4	254.8	288.4	307.2	327.6	337.4	353.2	364.1
	167	120.7	155.7	184.5	230.1	260.0	287.8	305.1	320.0	335.6	348.2
	168	99.6	132.5	164.3	203.9	235.3	249.4	257.2	265.3	277.4	285.5
	169	96.6	125.3	157.2	200.5	237.6	252.9	270.3	289.8	308.3	318.3
	170	136.6	169.8	207.1	255.2	287.9	311.2	333.7	355.8	371.6	383.7
	171	155.2	193.2	227.3	263.7	288.0	310.9	327.9	343.5	355.6	369.1
	172	114.2	144.5	172.9	217.7	249.2	269.9	281.1	285.5	279.5	283.3
	173	111.2	141.7	178.3	226.9	263.0	292.2	312.3	334.3	353.8	370.0
	174	124.8	157.0	182.8	220.1	255.7	281.2	303.3	325.7	343.0	357.7

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
CM	175	160.5	201.6	237.9	269.4	300.2	315.9	329.3	339.0	357.6	369.0
	176	157.8	195.4	223.9	259.2	285.3	299.9	316.1	322.0	336.8	349.9
	177	152.9	188.4	229.8	264.1	296.1	315.9	332.1	348.2	360.7	368.5
	178	145.3	189.8	229.4	276.9	313.5	333.9	351.3	358.5	364.9	374.4
	179	156.2	194.8	228.2	264.7	293.8	312.2	327.5	350.7	363.2	366.1
	180	150.1	184.2	211.2	242.9	263.9	277.4	290.0	302.2	308.7	320.8
CBM	201	174.1	202.8	234.3	265.6	287.9	309.6	319.4	330.0	344.4	345.7
	202	137.4	172.4	213.1	254.1	284.1	313.1	331.3	345.2	352.7	374.2
	203	130.0	164.8	200.9	241.8	259.9	305.8	325.3	340.1	355.4	363.5
	204	101.9	134.8	175.6	224.8	264.3	296.2	321.8	343.6	356.0	372.0
	205	132.9	169.4	206.2	245.3	279.9	308.5	327.1	346.4	359.2	361.9
	206	133.7	163.8	197.8	231.5	260.3	277.6	292.2	305.6	319.8	330.4
	207	165.9	197.0	231.3	261.4	283.2	302.0	312.8	321.0	330.2	345.1
	208	122.5	156.2	194.8	238.9	276.7	302.9	322.7	343.1	361.8	380.4
	209	104.9	145.1	182.4	227.4	267.5	294.6	313.7	328.7	350.0	363.9
	210	133.7	169.0	200.0	240.4	276.9	302.9	325.7	338.4	351.6	364.4
	211	136.0	172.5	211.0	252.8	290.4	311.9	340.0	361.4	373.0	380.9
	212	152.9	188.7	222.0	261.1	292.9	324.1	344.0	361.8	371.4	377.9
	213	127.3	151.7	173.9	207.5	237.1	257.3	272.7	287.1	303.0	312.2
	214	110.2	152.2	193.8	238.6	277.0	305.3	313.7	314.7	336.1	359.6
	215	118.4	153.1	187.7	228.9	261.2	285.8	306.9	325.0	328.5	343.1
	216	149.2	184.8	221.7	256.6	287.4	308.9	329.2	347.7	351.2	369.3
	217	124.1	157.0	186.1	218.3	247.7	268.1	286.2	301.0	312.1	326.5
	218	113.0	147.0	176.8	209.4	235.5	252.6	267.4	281.4	292.1	304.5
	219	116.1	145.1	181.6	222.2	250.9	268.5	285.6	298.2	305.6	317.3
	220	119.7	151.2	190.4	231.7	259.4	288.1	310.6	331.2	345.3	354.8
	221	174.3	201.2	234.2	265.4	292.1	315.1	325.7	343.2	353.4	361.8

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
CBM	222	134.9	171.1	206.8	240.3	268.4	293.3	312.0	334.2	351.4	359.7
	223	112.2	144.7	176.5	210.9	236.8	257.8	274.8	285.6	296.8	300.4
	224	125.5	160.9	192.1	230.6	255.4	276.7	294.8	306.2	323.5	334.1
	225	148.5	182.7	217.7	246.3	272.4	292.4	307.9	318.9	332.9	340.0
	226	151.3	187.3	223.5	260.9	283.8	301.7	321.1	333.7	347.7	356.7
	227	121.2	151.4	182.0	218.7	251.0	275.1	293.3	315.3	326.2	339.7
	228	107.6	141.7	177.0	217.9	250.8	281.3	305.7	323.0	336.9	351.6
	229	143.0	183.5	218.8	256.6	292.3	317.9	347.2	363.5	376.5	393.9
	230	100.5	135.6	165.6	201.9	232.5	256.9	276.9	290.7	299.6	308.5
	231	140.3	175.8	206.2	244.3	268.1	294.0	311.6	327.0	334.8	350.0
	232	142.5	174.3	211.0	241.3	263.8	287.0	303.6	316.7	326.2	335.9
	233	159.2	193.6	232.2	264.5	290.2	307.1	320.7	337.1	353.8	361.7
	234	162.1	206.5	242.8	281.1	317.7	350.6	363.0	386.7	406.5	422.8
	235	128.1	142.6	159.2	181.4	195.0	203.0	215.7	224.0	229.4	243.7
	236	98.0	129.9	165.4	206.9	242.8	270.3	285.4	308.0	323.6	341.1
	237	121.8	152.6	185.1	220.5	243.5	263.1	276.3	285.7	295.8	310.1
	238	146.1	177.1	213.3	248.3	277.7	295.1	311.1	324.1	338.7	354.8
	239	156.5	192.6	222.7	255.7	288.2	310.4	324.6	335.5	345.2	350.6
	240	136.4	171.2	200.9	244.9	281.8	318.6	340.3	357.6	374.4	388.7
	241	120.8	153.6	189.0	223.1	249.6	268.7	279.4	285.3	294.2	304.2
	242	158.6	197.9	236.1	269.3	301.4	326.5	343.6	359.4	371.7	387.0
	243	144.2	177.4	211.3	254.1	281.4	302.0	317.2	329.4	338.6	347.0
	244	114.8	142.5	173.9	210.1	244.6	267.5	284.5	300.0	309.4	320.1
	245	119.2	152.9	191.7	233.8	264.4	287.3	296.6	317.5	327.5	342.8
	246	139.4	169.7	205.6	239.6	271.0	288.6	301.1	316.0	327.2	340.9
	247	122.8	153.3	191.2	226.0	257.1	281.3	297.6	311.3	319.1	335.3
	248	124.8	154.0	186.8	215.5	240.1	258.4	271.4	286.0	297.7	307.7

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
CBM	249	130.6	164.1	201.0	240.9	269.7	283.6	290.0	290.9	295.8	304.3
	250	128.7	164.3	205.9	243.7	273.7	296.5	307.6	319.5	336.4	347.6
	251	116.3	149.1	181.0	211.9	240.3	262.5	282.0	304.6	322.0	331.0
	252	123.5	155.1	188.1	220.3	242.3	257.6	265.7	279.7	287.1	290.2
	253	144.9	172.7	212.5	251.4	277.5	297.6	309.6	327.4	335.6	343.8
	254	95.3	123.6	160.8	202.6	239.3	254.3	274.3	290.7	307.5	299.7
	255	108.8	141.3	175.6	213.4	241.1	261.9	278.5	295.0	305.3	319.9
	256	155.4	191.2	229.5	276.0	311.2	340.6	356.4	367.1	371.7	388.3
	257	135.3	170.2	212.3	245.3	271.2	307.2	322.7	339.0	357.5	369.8
	258	131.7	171.3	216.0	258.2	291.6	339.1	357.3	379.5	395.0	411.6
	259	138.8	176.1	212.6	256.4	281.5	301.1	314.9	332.9	346.8	350.9
	260	152.0	183.9	211.5	237.6	255.1	262.8	273.4	288.3	300.8	311.3
B0.2M	321	143.7	176.6	209.5	237.0	258.9	280.1	291.7	303.0	309.7	315.1
	322	144.6	177.6	216.5	258.8	291.8	315.8	333.0	346.9	360.3	367.7
	323	128.1	162.5	196.3	225.1	249.4	270.6	286.3	294.0	299.4	308.5
	324	129.3	158.9	192.5	235.1	262.3	284.5	295.5	312.4	316.4	331.3
	325	108.7	137.8	170.5	207.9	245.3	265.2	281.5	296.7	306.1	324.1
	326	100.5	134.9	167.5	208.3	242.4	269.8	293.4	312.2	327.1	342.4
	327	97.0	124.6	158.1	203.5	243.2	273.5	302.0	317.0	326.7	340.3
	328	106.3	129.5	160.7	196.1	219.5	242.3	259.9	268.9	277.5	283.9
	329	158.6	200.6	240.0	278.3	310.3	341.9	366.3	383.8	396.2	408.5
	330	112.2	141.7	177.4	215.0	246.0	270.6	288.9	296.7	310.6	320.9
	331	137.2	175.2	219.4	260.1	292.0	321.6	345.9	365.4	380.5	381.0
	332	140.2	178.8	221.0	266.0	300.1	327.9	352.4	366.5	378.6	390.2
	333	138.9	169.0	209.6	254.2	284.8	311.1	333.9	358.3	374.6	382.6
	334	115.5	145.4	182.6	220.9	250.8	273.6	293.1	307.6	322.5	330.1
	335	122.3	153.3	186.4	229.2	262.3	293.3	319.6	337.5	354.2	363.7

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
B0.2M	336	139.6	171.6	203.7	235.2	261.6	280.7	296.9	314.5	327.7	337.8
	337	150.3	187.4	219.9	254.1	283.2	308.6	327.7	347.9	359.7	376.8
	338	136.6	173.5	209.6	244.4	269.9	289.2	306.8	323.6	335.3	347.4
	339	131.6	164.7	199.5	237.8	260.8	282.3	299.9	310.5	315.9	324.5
	340	123.3	148.7	185.6	222.2	251.2	267.3	286.1	300.0	311.7	326.2
	341	113.4	132.3	155.8	188.6	213.8	232.9	250.0	264.7	280.1	287.7
	342	136.1	173.0	207.4	242.8	273.6	297.8	316.8	331.0	347.4	341.2
	343	153.5	188.5	230.9	265.6	299.3	328.3	341.3	359.6	375.6	376.4
	344	154.5	193.6	235.3	263.6	293.8	322.5	339.1	361.5	373.5	387.1
	345	131.0	165.3	205.1	238.7	266.2	283.9	303.0	318.4	327.7	330.8
	346	117.4	151.9	188.3	226.6	252.4	275.2	299.9	315.9	326.0	335.6
	347	98.0	111.1	137.3	163.2	190.7	216.0	240.1	251.8	269.7	287.9
	348	126.9	158.1	190.1	224.1	250.2	275.9	299.3	310.8	327.3	335.3
	349	123.6	158.7	196.0	241.5	277.7	302.7	325.4	338.8	355.7	364.4
	350	119.7	149.0	179.4	211.4	242.5	256.8	269.4	281.6	293.9	299.2
	351	109.5	143.2	178.6	215.2	242.4	269.8	294.0	310.5	324.9	341.3
	352	133.1	172.3	215.3	263.6	307.7	341.0	373.6	393.2	409.0	423.2
	353	121.2	146.4	177.2	208.3	236.6	257.6	276.1	294.8	306.8	319.2
	354	121.6	155.3	192.2	231.5	263.7	290.1	309.5	326.7	344.0	354.3
	355	142.7	176.5	207.5	244.6	268.5	287.3	304.3	321.0	331.9	338.3
	356	135.2	169.3	208.9	251.7	284.6	305.0	326.9	347.4	361.3	366.6
	357	126.3	153.4	182.8	205.2	223.3	235.8	251.0	259.2	266.9	270.9
	358	120.4	153.7	187.9	228.5	262.4	285.9	310.4	328.4	339.6	356.0
	359	132.5	152.5	185.6	215.1	243.9	261.5	279.8	287.5	309.5	321.7
	360	116.2	146.0	177.1	212.3	238.5	260.0	283.5	298.5	315.7	323.4
	361	123.9	144.1	174.7	204.1	230.0	247.1	260.9	269.7	277.0	280.0
	362	133.9	168.8	204.9	244.6	273.9	297.0	312.3	329.1	341.9	345.8

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
B0.2M	363	148.7	186.4	229.3	265.0	299.1	321.9	345.7	367.0	387.1	403.1
	364	118.2	151.0	186.8	225.7	260.1	279.6	296.6	312.5	321.4	331.2
	365	142.2	177.7	214.8	251.4	282.1	301.6	323.9	335.9	347.8	359.1
	366	146.9	180.0	215.6	246.3	273.9	297.4	306.6	321.8	330.8	342.0
	367	125.5	161.9	197.3	245.9	286.2	310.9	329.1	340.5	352.4	372.5
	368	152.0	187.1	221.3	254.9	277.4	295.7	308.5	313.9	328.6	339.7
	369	115.7	147.5	180.6	216.2	243.9	264.7	285.8	295.4	305.8	319.1
	370	151.5	186.6	225.9	268.2	297.9	325.9	348.4	363.1	372.1	395.2
	371	160.1	196.5	226.6	250.2	272.8	294.9	309.4	319.5	329.0	337.0
	372	130.0	161.1	189.2	216.2	244.3	268.0	283.6	296.8	307.0	318.0
	373	140.8	170.9	203.9	246.0	270.7	291.8	307.8	320.0	331.5	349.9
	374	155.5	190.4	224.4	258.9	286.2	304.4	317.9	329.7	339.2	346.0
	375	104.9	133.6	165.7	199.7	232.1	252.9	267.8	279.0	283.5	299.2
	376	102.7	131.6	167.2	205.7	235.4	269.7	283.5	302.0	313.1	324.7
	377	162.7	187.3	222.1	249.4	276.2	290.8	312.0	330.1	344.3	347.9
	378	119.2	152.0	188.4	229.8	264.6	292.2	315.3	336.5	346.4	351.8
	379	167.2	200.4	240.1	272.2	297.3	316.0	327.5	334.2	347.0	351.4
	380	135.1	161.3	192.0	225.3	252.7	274.8	293.2	304.3	316.3	331.4
B2M	421	162.1	198.7	224.2	251.2	270.2	284.4	293.7	303.2	317.5	327.0
	422	139.0	175.0	208.8	242.6	269.6	289.3	301.9	313.4	316.5	325.3
	423	152.2	181.2	212.9	241.4	262.9	276.9	286.9	299.6	308.6	320.8
	424	127.3	153.2	176.0	204.5	231.8	243.4	255.4	265.6	277.9	289.0
	425	137.6	170.5	204.0	239.2	265.0	280.0	289.5	309.2	324.9	340.0
	426	109.4	139.1	168.1	208.3	243.6	276.6	293.7	315.8	326.7	341.5
	427	130.6	162.6	194.5	221.4	241.6	263.4	278.0	297.9	306.9	325.8
	428	130.4	157.1	182.8	212.2	230.5	241.1	250.4	263.9	275.6	282.6
	429	118.7	149.4	183.4	222.0	252.8	279.9	299.7	314.7	326.7	330.4

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
B2M	430	163.3	193.4	220.4	247.6	277.9	294.5	311.6	328.4	339.4	345.4
	431	143.5	166.0	190.3	216.4	238.7	245.9	259.7	276.5	288.8	297.6
	432	150.2	187.2	224.6	262.6	291.7	306.9	321.5	338.7	348.8	364.4
	433	124.2	151.9	185.5	224.5	252.1	266.9	277.1	283.6	295.9	308.1
	434	105.7	137.4	177.4	221.7	247.4	262.2	272.5	286.4	292.5	305.2
	435	156.0	186.0	214.1	244.2	269.2	279.6	298.0	304.9	315.0	323.0
	436	159.9	196.3	230.4	273.4	309.6	331.7	356.5	381.9	398.4	412.6
	437	120.1	153.1	184.4	223.9	254.3	273.2	286.5	302.8	306.5	320.6
	438	121.0	156.5	191.2	233.1	269.3	293.4	320.7	340.2	347.8	364.2
	439	135.4	167.9	198.4	232.4	265.4	290.9	308.6	327.2	339.5	356.7
	440	145.2	170.7	199.5	229.8	255.6	274.1	289.2	298.8	308.7	318.4
	441	116.5	145.3	170.8	196.3	218.4	236.4	248.4	259.9	268.0	276.8
	442	136.1	169.8	202.5	237.1	265.4	281.7	298.8	319.0	334.2	337.6
	443	94.9	125.8	153.9	193.6	234.3	265.2	290.3	314.2	335.1	345.6
	444	142.0	172.4	201.0	226.2	251.4	270.0	280.0	293.5	307.6	318.4
	445	133.8	161.4	197.5	236.2	267.3	293.3	315.3	332.8	347.2	359.5
	446	140.0	175.4	206.1	238.8	270.5	287.1	305.0	319.1	327.7	337.6
	447	125.7	159.0	191.5	231.3	263.2	286.7	305.0	328.2	339.9	353.3
	448	135.0	165.5	194.7	228.0	260.7	290.4	306.6	322.5	328.9	345.7
	449	123.3	153.4	177.1	208.8	225.9	240.8	255.5	267.5	277.9	284.9
	450	122.3	154.0	189.2	228.1	255.6	278.0	294.1	306.1	317.3	322.6
	451	113.2	139.7	172.2	212.5	244.3	265.6	279.0	297.8	314.3	332.7
	452	111.1	141.7	171.6	210.9	237.2	254.6	269.3	285.5	297.3	307.0
	453	121.5	150.9	178.8	207.1	228.8	245.8	258.1	271.9	280.8	288.5
	454	136.4	171.8	204.0	232.9	255.3	278.6	292.0	304.6	317.2	325.2
	455	131.5	161.9	198.8	239.4	270.8	289.5	308.5	319.4	332.1	339.1
	456	146.1	174.3	196.3	224.0	248.1	267.9	281.5	294.5	305.4	316.0

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal ID	Day									
		-6	1	7	14	21	28	35	42	49	56
B2M	457	117.5	146.5	178.9	214.5	244.9	266.5	281.6	298.5	306.9	315.3
	458	154.2	193.2	228.6	265.6	296.7	316.3	331.6	350.3	361.2	372.2
	459	123.8	151.6	179.9	214.3	238.7	260.4	274.3	285.5	293.1	304.2
	460	115.6	144.3	172.3	205.5	230.5	254.7	267.4	283.4	296.2	308.6
	461	112.0	144.5	176.1	212.8	244.2	265.0	277.2	292.6	310.8	324.8
	462	147.0	181.9	212.0	237.3	254.1	274.7	283.8	294.6	299.2	304.4
	463	128.8	154.4	181.0	201.8	214.4	216.0	217.4	235.1	249.9	264.3
	464	157.9	196.3	227.7	256.4	281.7	296.0	314.5	325.4	336.0	352.8
	465	101.4	133.8	166.0	206.3	242.2	263.8	281.7	296.9	308.2	317.2
	466	125.0	155.5	190.4	222.6	254.1	278.9	299.6	321.6	335.7	343.1
	467	143.4	181.2	207.5	246.8	283.3	307.0	320.2	335.8	354.9	361.3
	468	138.5	170.0	198.7	220.8	248.9	266.7	278.0	291.3	302.6	310.8
	469	106.4	134.1	165.1	200.2	230.7	249.6	267.0	280.4	294.4	309.9
	470	151.5	181.3	215.1	249.6	279.5	290.2	305.0	316.4	324.6	333.4
	471	127.9	157.8	187.0	220.7	241.9	259.8	275.1	284.8	290.5	297.3
	472	102.5	138.6	166.8	206.6	241.9	261.0	279.4	300.1	315.1	327.7
	473	119.8	151.0	185.4	226.3	262.0	283.5	303.8	324.7	335.3	345.7
	474	133.5	164.8	196.1	233.2	259.0	278.8	297.7	316.4	328.0	337.3
	475	115.5	145.8	176.3	210.6	238.0	249.6	262.8	276.4	286.2	297.6
	476	116.8	152.2	191.9	222.9	256.5	284.6	294.3	309.2	320.4	338.8
	477	140.7	171.3	194.4	217.6	233.5	239.0	243.7	257.9	270.4	278.4
	478	132.5	165.0	195.8	221.9	242.9	256.0	268.4	279.1	284.5	290.0
	479	98.9	129.1	158.5	187.7	215.7	232.8	244.1	254.1	264.5	271.0
	480	152.7	189.0	219.3	250.8	280.5	303.0	321.8	335.9	350.5	360.5
B5M	521	106.6	136.7	164.4	202.5	226.0	245.9	263.0	279.1	291.5	301.1
	522	146.0	176.6	205.5	237.0	264.7	281.9	300.2	312.9	323.6	333.0
	523	122.3	150.6	178.2	204.5	230.4	248.1	262.0	273.9	283.1	293.0

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
B5M	524	169.3	207.0	236.3	264.9	296.0	315.1	328.0	340.9	347.1	357.6
	525	116.1	143.8	169.4	189.5	213.7	233.0	246.3	259.5	264.5	273.8
	526	141.8	172.5	202.1	225.2	243.6	261.8	275.1	289.7	295.1	302.0
	527	95.8	122.6	146.1	172.2	190.7	211.3	231.8	248.1	252.3	258.8
	528	136.1	143.7	164.0	190.0	204.6	220.9	233.0	242.9	254.6	265.2
	529	109.8	141.2	169.4	196.3	225.4	251.9	270.4	297.3	309.9	313.5
	530	126.2	155.6	184.0	210.6	222.2	237.4	250.1	264.4	275.9	282.3
	531	131.2	167.4	201.1	238.4	277.5	300.9	323.1	331.4	342.6	352.9
	532	121.1	152.2	181.9	217.2	244.2	267.1	284.1	306.1	315.3	318.3
	533	147.4	176.9	206.1	236.1	261.9	282.4	296.9	311.5	320.7	332.1
	534	120.8	149.2	178.6	205.7	230.2	247.4	260.9	274.0	283.3	292.3
	535	113.8	143.4	170.5	207.7	233.0	250.8	263.6	275.8	283.3	294.6
	536	151.1	181.5	208.1	236.2	260.7	271.1	284.6	295.3	303.8	311.3
	537	142.8	171.8	198.4	220.8	237.1	253.1	263.1	273.8	283.7	295.4
	538	154.0	186.5	211.9	240.1	262.1	282.0	294.1	304.4	310.4	317.0
	539	121.5	153.8	183.9	218.0	248.5	264.8	280.8	295.3	304.8	316.4
	540	149.0	189.1	220.5	253.0	273.0	291.7	308.7	321.5	327.9	336.6
	541	131.1	169.1	192.0	221.0	246.3	260.1	272.8	285.3	300.4	304.0
	542	129.6	171.5	197.7	235.5	264.5	286.3	302.6	314.1	322.5	334.7
	543	116.3	151.1	180.4	215.2	248.6	268.9	285.4	300.4	307.8	314.5
	544	155.8	191.4	214.7	246.3	268.8	289.2	305.6	320.0	328.6	335.9
	545	117.5	149.9	175.2	205.2	239.5	258.3	272.0	286.9	292.7	302.5
	546	138.8	167.0	196.4	233.8	268.7	289.8	310.3	331.1	339.7	349.0
	547	152.6	184.4	213.4	243.1	272.5	288.3	309.1	324.3	335.4	345.4
	548	108.4	141.0	171.5	205.7	235.5	251.9	270.3	286.9	294.6	306.7
	549	128.0	158.8	183.3	205.2	233.3	252.3	268.8	279.2	287.9	293.4

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
B5M	550	135.8	175.7	206.9	239.1	275.4	301.4	315.9	336.8	352.4	368.6
	551	132.7	165.0	190.8	216.0	232.6	239.2	251.7	265.0	278.6	289.5
	552	141.3	181.0	210.0	249.0	290.2	316.9	344.3	360.6	379.3	392.8
	553	158.9	195.3	217.5	235.3	245.5	260.5	275.6	285.5	295.2	295.9
	554	143.4	178.5	207.5	245.1	267.4	289.1	308.7	320.8	325.4	334.9
	555	124.1	153.1	180.7	210.9	239.7	265.9	281.8	293.8	302.7	311.1
	556	135.8	162.8	191.4	223.1	252.0	268.3	289.7	308.4	318.8	320.0
	557	134.8	162.8	192.2	224.8	248.8	261.8	272.8	282.8	294.9	300.4
	558	102.0	132.2	157.4	196.1	220.3	245.1	265.1	281.5	290.6	301.4
	559	128.6	155.0	182.4	216.0	244.9	262.6	279.2	295.1	313.0	324.3
	560	127.3	159.4	181.1	203.4	221.5	226.7	234.8	242.7	251.7	254.4
	561	100.8	132.4	162.3	198.5	239.7	265.7	290.8	309.6	327.0	339.8
	562	139.9	172.2	203.9	232.6	256.2	273.9	286.0	300.1	308.1	316.3
	563	122.7	151.9	178.5	205.5	229.0	243.7	256.6	266.3	282.1	299.5
	564	97.7	125.3	153.5	188.8	218.5	236.8	249.8	262.8	270.7	282.2
	565	160.5	193.8	221.7	255.1	288.7	306.2	327.6	349.5	364.7	373.2
	566	137.2	170.3	198.2	232.1	259.4	279.4	291.6	306.2	319.0	326.9
	567	140.6	177.1	204.7	231.0	261.8	281.9	296.8	312.7	324.2	333.8
	568	123.4	150.5	176.2	202.1	228.7	243.5	250.0	268.0	278.4	285.8
	569	115.3	148.2	186.8	223.0	257.7	278.7	289.9	304.0	308.1	319.1
	570	161.9	196.1	229.5	263.8	296.2	309.7	325.4	343.0	357.9	374.4
	571	133.7	164.3	195.0	226.3	253.9	272.9	292.0	304.9	315.0	328.6
	572	119.5	153.7	182.9	214.8	233.0	253.4	275.5	290.0	300.8	315.7
	573	120.0	149.2	178.5	204.1	223.5	232.2	245.8	263.2	272.4	283.0
	574	125.5	157.0	190.3	225.2	255.6	279.8	295.2	307.9	317.0	327.2
	575	152.6	182.7	215.2	237.3	260.6	234.5	283.5	300.1	317.9	327.5
	576	106.1	137.6	168.1	204.6	239.0	232.6	270.0	296.2	301.4	315.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
B5M	577	117.3	149.1	177.5	209.4	236.0	245.7	260.0	273.6	287.6	302.2
	578	144.4	178.1	210.8	249.1	275.6	300.8	315.0	332.8	350.0	362.6
	579	134.6	168.3	196.3	224.7	256.8	272.4	285.6	298.6	310.6	321.8
	580	112.2	144.4	178.8	212.6	245.2	269.4	286.7	304.0	319.0	323.6
E0.2M	621	136.5	168.3	204.5	234.3	256.7	275.4	291.1	307.7	316.5	325.3
	622	124.7	159.2	194.7	231.9	262.6	289.0	315.0	336.6	348.6	361.8
	623	138.9	169.8	202.4	235.0	266.6	286.2	303.5	320.7	331.5	336.5
	624	135.2	167.3	199.8	235.8	269.5	292.1	313.4	330.4	343.7	359.7
	625	134.9	169.9	212.1	245.6	269.0	287.9	310.4	320.7	328.7	339.4
	626	96.7	123.2	151.8	187.9	215.4	236.9	258.6	277.9	292.7	303.3
	627	156.7	189.6	222.9	253.9	282.0	296.7	313.4	331.0	334.2	344.8
	628	144.9	176.3	208.3	237.1	260.5	280.1	291.4	310.3	320.1	333.6
	629	148.4	183.2	228.1	266.3	301.7	329.0	349.8	380.2	392.4	405.0
	630	142.5	178.3	213.5	249.9	290.3	316.9	332.6	352.2	361.2	371.4
	631	152.4	189.9	225.2	262.9	287.1	307.4	325.6	338.5	344.8	361.2
	632	118.1	148.5	174.4	205.2	228.7	249.0	263.6	273.2	281.5	292.4
	633	123.6	151.6	189.2	228.0	262.2	293.8	305.0	329.5	337.3	347.3
	634	150.8	185.8	222.5	248.2	276.3	297.1	309.4	324.0	334.6	353.4
	635	97.5	128.9	164.4	201.8	233.7	264.5	290.6	310.1	322.4	333.0
	636	116.4	151.1	190.2	227.5	250.4	267.9	289.2	304.1	308.7	325.9
	637	116.0	143.0	171.1	200.6	224.4	243.9	256.2	270.2	278.5	288.0
	638	120.1	156.8	198.0	235.5	278.4	312.8	339.1	364.9	386.1	394.2
	639	143.4	174.2	201.0	224.6	251.7	264.5	276.6	285.5	294.4	306.5
	640	106.8	133.0	165.5	205.1	242.3	263.7	284.2	312.2	327.8	348.1
	641	131.4	160.9	199.4	230.9	265.7	279.3	298.2	314.1	323.3	337.1
	642	122.2	155.9	191.4	234.8	270.2	299.6	319.8	342.1	357.9	372.5
	643	131.8	150.3	187.4	226.0	257.0	284.6	302.0	320.0	332.4	344.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
E0.2M	644	136.0	171.5	212.9	245.6	280.6	303.7	311.9	327.1	340.1	355.2
	645	112.4	140.4	171.7	202.7	217.8	225.5	231.3	237.9	239.9	245.3
	646	129.6	161.2	197.6	237.7	271.7	290.3	305.6	326.4	336.3	340.2
	647	146.1	171.9	205.3	238.5	260.9	284.2	306.5	322.0	339.0	348.3
	648	140.5	172.1	208.5	240.9	264.9	287.8	305.9	313.7	330.4	339.0
	649	108.5	134.1	163.2	195.0	221.2	246.4	263.0	277.3	282.2	291.8
	650	144.3	174.2	210.5	245.0	272.7	295.9	311.2	322.2	342.1	354.5
	651	133.7	162.3	198.7	228.1	245.4	267.7	270.6	289.4	294.7	307.2
	652	121.1	158.2	198.5	242.9	276.8	304.1	317.8	340.2	356.3	374.1
	653	141.4	170.8	208.5	241.1	271.6	284.8	293.3	308.5	315.1	319.2
	654	112.6	139.3	172.4	207.3	238.9	259.6	281.4	301.1	313.5	325.4
	655	114.7	147.2	179.5	216.5	247.4	271.5	294.1	309.3	322.9	332.9
	656	162.8	186.5	221.3	254.6	283.4	297.5	316.2	324.0	347.1	347.5
	657	157.7	193.0	234.8	270.8	302.0	324.8	343.3	362.8	373.9	380.8
	658	154.0	183.4	216.3	241.8	263.8	281.9	301.1	319.2	329.1	339.4
	659	121.4	150.6	182.9	222.0	259.7	277.6	302.0	323.1	335.2	350.8
	660	139.4	167.3	199.2	231.9	259.4	277.2	290.4	307.8	321.4	334.5
	661	154.1	186.4	222.5	252.0	276.5	300.7	316.3	334.0	348.1	358.8
	662	149.4	186.5	219.7	247.5	273.9	298.7	316.2	335.4	345.6	354.5
	663	109.6	140.4	174.8	211.9	244.2	271.3	287.8	307.2	315.6	329.8
	664	104.1	135.7	165.4	206.6	243.9	273.7	302.7	321.0	335.0	354.2
	665	101.5	133.8	166.9	201.6	236.6	253.8	278.4	299.2	311.5	321.7
	666	116.8	148.2	185.5	220.3	252.6	266.4	274.3	284.1	296.2	304.9
	667	137.7	166.6	197.6	241.2	276.4	294.6	313.6	333.1	350.0	362.1
	668	119.1	149.8	190.0	237.3	272.2	297.1	317.0	336.8	353.0	365.2
	669	123.1	149.1	182.1	220.5	247.8	268.1	282.0	291.1	306.0	319.5
	670	101.8	128.4	163.3	201.6	229.5	251.7	273.6	289.8	305.1	312.7

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
E0.2M	671	127.4	165.1	203.8	247.6	286.9	314.3	336.5	352.1	361.8	378.7
	672	119.9	148.6	180.3	207.0	231.9	248.2	266.0	284.6	297.2	307.5
	673	126.2	151.9	178.3	205.1	227.1	249.2	264.4	268.8	278.6	284.6
	674	131.0	161.7	190.2	219.3	243.4	266.8	279.4	287.9	295.8	306.4
	675	133.0	161.5	193.9	234.0	267.9	286.8	302.4	318.0	330.4	343.8
	676	127.4	150.7	180.7	216.1	244.1	263.4	278.0	297.2	303.7	319.0
	677	129.1	157.7	190.3	220.9	247.5	269.2	283.0	300.9	317.2	325.5
	678	160.8	196.2	233.5	265.2	296.8	318.1	329.8	348.1	360.6	371.5
	679	124.5	162.0	202.1	246.5	287.6	315.3	339.6	363.7	385.1	398.3
	680	165.3	197.6	227.5	262.8	283.0	301.5	320.1	332.2	343.6	345.3
E2M	721	115.4	140.6	169.7	198.8	222.0	239.0	252.4	265.6	272.9	283.4
	722	117.1	142.7	173.8	208.5	234.7	255.2	270.9	284.4	292.0	297.9
	723	124.6	160.6	192.2	236.9	269.8	294.9	311.8	325.4	339.9	349.7
	724	128.0	157.3	186.0	217.1	236.8	242.7	255.8	268.7	282.9	289.9
	725	123.6	149.8	182.3	209.8	233.9	253.6	265.9	283.6	294.0	301.3
	726	138.1	162.9	189.4	214.4	226.7	241.1	247.7	260.6	267.6	268.6
	727	93.9	124.7	153.6	187.7	221.2	248.6	257.8	283.1	286.4	291.9
	728	141.0	179.6	218.0	264.0	311.6	338.8	355.9	378.6	387.3	402.0
	729	122.5	154.1	187.2	222.7	248.9	275.0	295.6	306.7	319.8	328.4
	730	133.0	167.6	197.4	228.0	254.6	270.4	286.1	299.0	310.0	317.8
	731	129.3	161.5	186.0	218.8	242.1	257.9	277.7	299.6	313.7	327.8
	732	136.0	169.6	196.8	229.0	256.8	279.8	294.5	307.5	319.5	329.8
	733	151.7	184.3	226.1	262.5	286.8	317.1	330.2	350.5	362.8	377.2
	734	146.7	175.7	212.9	253.0	279.3	304.7	323.5	331.3	347.9	360.6
	735	132.2	161.6	191.2	226.4	251.9	272.8	285.6	294.1	305.0	316.2
	736	172.7	203.0	233.6	272.7	301.5	321.1	337.0	354.4	370.2	386.4

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
E2M	737	119.1	156.3	191.7	229.7	258.5	282.1	299.8	315.4	325.5	342.8
	738	135.0	170.0	202.3	239.5	276.9	305.7	331.2	344.8	362.3	374.9
	739	152.4	184.1	212.4	248.9	279.0	298.2	313.1	323.3	332.7	347.5
	740	149.0	180.8	212.6	249.3	277.4	297.8	303.4	312.5	322.5	330.2
	741	146.0	176.2	207.3	242.9	269.9	291.6	309.0	327.7	336.0	343.2
	742	143.2	173.1	203.0	231.8	254.1	270.8	283.3	291.2	302.6	308.0
	743	137.1	171.7	212.1	256.3	292.5	317.3	334.2	358.4	363.5	378.4
	744	102.7	131.2	161.6	195.0	222.9	239.0	255.8	270.1	276.3	286.0
	745	121.5	147.4	171.3	200.5	224.0	238.9	252.8	262.4	276.8	283.4
	746	118.7	148.4	178.0	222.8	250.7	274.0	294.3	308.4	325.0	332.8
	747	121.2	152.4	184.7	220.5	227.6	251.7	260.1	277.1	291.4	298.7
	748	126.5	159.2	192.6	235.9	257.7	280.7	303.9	322.0	336.4	345.6
	749	112.7	140.1	167.3	193.2	214.2	230.2	243.2	259.0	268.8	281.1
	750	122.6	154.5	184.0	218.2	246.2	272.6	283.7	297.3	304.6	314.2
	751	153.0	184.7	217.7	253.7	279.4	302.3	312.0	322.1	330.6	346.4
	752	144.0	180.9	212.4	242.6	271.6	291.3	301.1	312.4	325.5	338.1
	753	155.4	190.5	219.3	250.8	276.4	293.6	309.0	321.0	329.9	341.3
	754	123.9	167.3	202.0	244.0	281.5	305.5	328.2	341.1	353.1	359.1
	755	110.1	142.9	174.0	215.9	246.9	269.2	287.4	303.0	320.1	329.4
	756	104.6	128.5	155.7	193.9	217.2	241.5	254.0	271.8	287.1	305.4
	757	107.8	133.4	166.8	206.2	243.7	274.3	295.2	312.2	332.6	344.5
	758	148.6	178.8	211.6	238.1	262.3	279.6	291.9	311.0	320.4	330.0
	759	116.6	145.6	175.2	217.2	249.1	266.1	288.4	300.8	311.1	320.8
	760	131.7	157.8	170.2	226.1	256.6	273.4	285.0	295.1	301.3	301.9
	761	129.8	155.7	183.5	217.0	242.5	266.2	281.4	293.2	311.5	322.9
	762	126.7	154.1	178.5	206.9	225.9	236.1	247.4	261.2	273.2	279.9
	763	137.2	163.0	188.8	216.8	236.1	251.2	265.1	279.6	289.3	299.2

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
E2M	764	119.9	161.1	187.1	229.1	249.5	264.9	283.2	304.6	316.3	331.6
	765	116.1	143.8	175.4	209.0	237.3	261.2	273.6	284.7	297.3	307.0
	766	157.1	186.9	216.1	247.7	271.4	284.4	290.4	296.1	299.0	311.3
	767	134.3	166.5	198.5	233.3	261.4	284.2	294.3	305.9	319.0	324.5
	768	131.2	159.8	191.2	224.9	252.5	271.9	287.0	304.1	317.0	327.7
	769	99.5	128.7	155.1	197.1	234.6	262.2	284.8	300.7	314.6	321.2
	770	108.5	136.6	171.1	206.5	229.5	244.1	259.5	271.7	278.8	289.8
	771	159.8	189.3	217.6	249.5	276.3	296.7	312.2	324.6	334.1	339.4
	772	158.4	191.3	224.6	265.5	297.2	325.0	340.1	357.0	375.9	388.7
	773	111.3	141.4	169.7	201.8	229.3	246.1	256.0	264.6	273.4	283.1
	774	120.3	148.3	179.4	208.0	230.7	248.8	266.2	278.2	283.1	297.2
	775	141.9	172.1	207.5	245.7	276.2	298.6	319.5	334.9	347.0	352.7
	776	139.3	171.6	191.3	211.0	226.1	244.8	263.3	276.6	284.0	300.1
	777	101.3	127.9	155.0	189.8	212.9	226.2	239.6	250.3	256.8	264.6
	778	161.3	199.4	231.8	262.2	289.1	313.5	333.0	347.7	357.5	373.6
	779	140.3	168.9	194.6	227.5	253.3	277.3	294.6	303.9	316.3	326.6
	780	135.7	172.0	210.4	239.2	276.2	295.2	320.4	335.6	352.3	360.3
E5M	821	141.1	171.3	202.9	240.2	270.8	294.1	315.8	333.6	346.7	357.0
	822	144.0	178.8	206.4	241.4	262.4	275.6	289.2	299.6	308.1	319.8
	823	136.2	168.2	194.5	224.6	247.7	266.5	280.0	291.9	299.4	307.6
	824	145.2	177.8	207.9	236.2	260.7	281.1	295.7	309.3	312.1	322.3
	825	107.9	134.8	161.4	187.7	210.7	231.9	251.6	265.8	275.9	291.4
	826	120.8	151.5	176.1	203.6	234.5	254.4	274.2	293.2	304.4	310.9
	827	106.0	136.6	162.3	197.7	225.4	243.4	260.3	280.0	293.8	295.5
	828	142.6	174.3	203.0	233.8	251.8	261.7	276.8	297.5	311.3	324.5
	829	137.9	167.8	194.6	230.0	257.9	280.0	305.0	326.4	337.8	355.7
	830	114.2	147.6	172.4	208.7	238.0	257.1	274.2	289.2	299.8	305.1

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	-6	1	7	14	21	28	35	42	49	56
E5M	831	131.9	161.0	182.3	206.6	225.1	237.4	251.7	265.0	269.9	277.6
	832	153.2	183.5	212.5	240.4	266.0	280.5	295.5	305.1	310.8	318.0
	833	130.2	164.3	190.5	227.6	262.5	286.7	307.3	319.5	336.7	339.6
	834	116.6	149.2	174.3	206.7	230.8	254.7	267.4	287.5	294.5	305.2
	835	103.7	128.9	154.7	191.1	221.1	243.9	259.5	273.3	283.0	298.2
	836	133.7	160.0	178.5	210.9	232.0	253.7	270.3	286.0	292.8	305.1
	837	157.5	191.1	216.1	247.8	275.6	301.7	321.9	340.6	351.4	362.9
	838	131.2	157.7	179.9	207.4	225.5	244.1	262.2	280.2	287.6	299.1
	839	125.9	155.6	183.1	208.8	227.0	244.1	256.8	270.0	277.8	288.6
	840	132.9	164.9	195.5	223.8	245.1	263.7	280.0	290.2	291.6	298.9
	841	128.1	156.2	187.4	223.4	248.3	260.6	278.1	296.2	305.3	311.7
	842	124.1	153.3	182.6	214.4	234.9	256.8	281.5	298.9	310.2	317.8
	843	121.7	151.1	176.2	204.2	227.4	240.9	262.6	281.0	288.0	294.9
	844	131.0	160.4	185.8	221.0	245.1	257.0	271.0	286.5	294.9	301.9
	845	135.0	167.8	194.3	228.3	259.2	280.9	297.7	317.8	334.6	343.8
	846	158.0	187.7	213.2	243.6	268.0	287.7	305.0	321.8	334.4	346.4
	847	115.8	157.3	180.8	207.8	224.0	242.1	251.9	264.8	275.0	273.6
	848	122.3	157.3	186.9	219.3	250.9	275.0	289.0	307.9	319.6	323.6
	849	140.6	174.2	208.3	243.4	271.1	293.0	315.6	329.8	335.9	346.2
	850	116.7	149.3	175.2	211.9	238.5	258.1	278.6	291.0	303.3	308.6
	851	149.3	181.7	205.3	229.2	247.4	263.3	274.0	291.0	299.7	316.1
	852	139.9	170.1	196.1	229.6	257.1	273.9	286.9	299.6	311.8	323.7
	853	148.8	182.0	206.2	231.6	250.0	260.3	276.5	297.7	301.6	299.3
	854	135.1	167.0	193.4	222.4	242.1	264.8	280.4	296.9	304.2	314.5
	855	146.3	176.9	204.0	233.2	256.2	276.2	295.7	305.8	317.8	329.6
	856	152.4	190.5	213.1	249.4	264.1	281.3	302.2	310.2	320.2	329.7
	857	95.1	127.6	156.7	196.8	231.2	260.6	285.5	301.1	315.7	338.7

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal ID	Day									
		-6	1	7	14	21	28	35	42	49	56
E5M	858	129.5	161.7	188.5	217.9	234.5	252.6	270.7	283.4	298.0	308.0
	859	127.2	155.5	178.4	207.8	228.1	245.6	253.8	265.7	276.4	287.0
	860	170.9	205.2	228.8	254.0	275.4	292.3	303.3	322.5	331.6	343.9
	861	151.1	187.0	215.8	247.0	276.3	295.2	315.3	326.6	337.0	355.9
	862	138.1	168.4	194.3	221.8	245.7	268.2	286.3	292.7	306.1	321.4
	863	123.7	154.1	179.1	219.9	242.8	258.4	279.5	297.1	307.2	319.2
	864	118.7	148.2	173.9	204.5	224.3	241.8	259.4	272.7	285.4	294.0
	865	123.1	157.8	185.7	223.4	252.9	275.2	313.0	307.8	316.1	323.1
	866	159.7	190.8	217.8	250.1	275.5	296.6	289.1	330.7	338.2	352.3
	867	174.0	202.8	230.4	254.9	275.2	293.3	300.3	315.3	326.6	338.0
	868	155.3	186.3	218.6	248.4	274.0	288.9	307.4	330.8	339.7	350.5
	869	142.1	167.3	196.2	222.1	250.8	270.2	290.1	304.9	317.6	323.5
	870	98.5	125.0	146.6	175.8	197.0	204.8	214.3	226.3	235.7	243.3
	871	108.3	138.1	159.5	194.0	219.5	238.4	265.2	287.0	297.3	312.4
	872	124.9	152.2	175.7	201.8	223.6	237.7	253.0	266.1	270.9	287.0
	873	112.3	139.8	164.1	198.4	228.2	247.8	262.3	279.8	288.9	296.2
	874	114.9	131.0	143.5	167.5	182.7	214.2	234.5	253.7	276.0	280.7
	875	162.6	197.9	224.6	260.7	276.2	301.3	323.7	347.6	365.0	361.7
	876	121.2	155.5	186.5	222.7	252.7	278.0	297.8	315.0	325.1	344.1
	877	111.0	143.2	166.8	203.2	225.0	246.4	270.0	291.0	296.4	313.9
	878	118.7	153.3	186.7	224.6	261.9	290.1	317.7	343.1	361.6	381.2
	879	120.0	145.8	171.7	205.1	238.2	259.4	283.7	300.5	310.5	323.2
	880	100.0	125.0	144.7	169.1	195.6	209.1	223.8	231.9	249.2	245.9

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
CM	121	374.7	378.3	381.5	387.9	401.3	417.9	436.2	459.2	475.1	478.5
	122	327.9	330.4	336.2	343.9	347.6	361.6	377.1	383.8	395.7	399.9
	123	317.9	322.0	322.5	332.3	345.5	354.7	374.1	369.4	379.7	
	124	386.3	397.0	408.1	419.4	429.4	443.6	468.0	474.7	492.0	499.6
	125	366.0	374.1	383.8	395.7	407.0	434.1	453.2	475.9	483.8	511.7
	126	345.6	348.8	354.9	365.7	378.3	394.7	418.9	434.1	441.7	448.9
	127	348.0	357.0	371.6	377.2	383.1	395.7	419.1	426.0	442.3	478.4
	128	354.4	366.0	370.9	377.6	389.2	403.5	436.5	448.6	466.4	478.4
	129	318.0	326.6	329.0	335.8	343.0	364.3	391.4	393.0	403.0	419.5
	130	377.9	385.3	391.7	402.8	415.7	444.6	478.6	484.0	508.3	513.7
	131	276.2	281.5	283.2	295.3	297.1	294.6	320.9	328.6	337.9	339.0
	132	350.5	355.1	362.4	363.0	373.1	388.8	409.4	414.3	430.4	441.6
	133	348.2	359.2	364.4	385.4	383.6	397.1	429.4	439.8	456.9	460.1
	134	339.1	343.2	355.8	360.5	364.3	373.6	399.9	408.5	412.9	413.2
	135	349.9	358.0	365.6	372.4	378.0	394.5	419.7	431.9	422.3	453.9
	136	362.9	369.8	386.0	394.9	408.7	423.3	456.4	469.6	466.7	497.4
	137	333.2	339.2	347.9	354.9	359.1	363.1	391.0	399.1	406.2	414.9
	138	371.2	382.7	395.3	400.8	407.7	426.1	443.7	456.5	472.8	481.3
	139	364.7	377.1	386.4	393.9	403.6	430.0	449.3	473.6	485.8	500.0
	140	324.2	330.9	340.6	347.9	349.7	366.2	381.7	399.3	405.6	405.7
	141	407.7	415.2	428.8	436.9	442.0	465.9	485.5	504.3	524.2	527.1
	142	352.4	361.7	364.3	377.4	387.7	406.1	420.8	438.6	455.1	460.6
	143	363.4	367.5	377.0	381.5	388.8	394.9	417.7	425.5	432.2	445.6
	144	413.0	429.1	442.2	448.1	461.7	481.7	514.8	530.4	548.9	555.7
	145	392.7	403.6	406.5	417.2	425.3	449.3	470.8	488.3	498.8	519.5
	146	311.5	322.3	328.9	331.7	337.0	358.2	374.6	392.4	405.8	419.3
	147	374.1	384.9	390.9	396.8	404.4	422.0	442.8	458.5	472.0	487.0

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
CM	148	345.0	358.4	362.0	374.0	383.9	399.1	426.8	445.6	454.1	460.6
	149	380.7	390.4	402.7	413.6	421.9	441.8	469.8	483.1	486.8	511.1
	150	324.0	331.7	337.7	344.6	352.4	374.9	393.1	405.6	417.8	431.6
	151	388.6	396.7	410.4	415.2	425.1	448.2	469.2	492.0	510.2	516.5
	152	333.5	337.9	346.8	353.1	360.3	384.2	401.6	418.3	427.7	439.0
	153	287.6	294.3	298.9	304.6	309.1	319.6	322.3	334.4	342.4	346.1
	154	352.1	361.5	372.0	376.4	389.5	404.7	413.3	427.7	442.3	459.9
	155	343.8	348.0	356.0	362.1	369.3	373.7	395.7	409.7	415.4	409.8
	156	364.6	372.8	386.5	391.3	401.2	409.2	432.0	443.9	454.4	449.1
	157	336.4	343.6	350.5	353.6	355.8	372.5	386.2	399.2	412.3	422.1
	158	288.8	295.6	300.6	309.0	306.7	325.8	340.4	356.3	365.1	373.2
	159	334.7	344.8	344.1	368.6	361.8	382.1	397.9	408.0	421.1	435.4
	160	348.8	361.8	366.3	369.2	383.3	394.8	410.7	425.9	431.7	456.7
	161	366.7	379.8	386.7	391.9	400.8	419.8	443.2	456.0	468.6	479.7
	162	352.1	358.6	368.3	378.7	386.1	399.1	421.0	435.8	443.0	447.3
	163	382.4	394.3	406.8	407.4	424.6	445.8	466.6	471.3	485.2	501.6
	164	342.4	347.7	359.1	363.4	374.3	398.9	417.4	429.5	441.9	459.1
	165	381.5	387.6	393.3	394.2	411.1	423.1	449.6	468.0	476.6	481.0
	166	373.5	386.6	396.5	397.8	402.0	422.7	448.5	464.6	474.6	490.0
	167	361.6	371.6	378.2	377.7	386.1	403.7	419.7	439.1	445.9	474.2
	168	297.1	300.5	310.5	316.3	327.5	345.6	363.4	379.2	397.1	409.1
	169	327.2	343.3	353.2	364.5	378.7	395.9	412.3	430.0	428.5	457.6
	170	396.8	409.3	418.7	425.4	435.4	454.9	474.8	489.2	491.0	517.4
	171	380.4	387.2	394.7	399.6	403.1	422.7	441.4	453.2	466.3	487.3
	172	301.7	319.9	329.7	337.0	344.8	370.2	385.5	399.8	401.8	420.1
	173	385.1	386.7	390.5	397.7	411.8	424.2	447.3	456.6	470.7	476.4
	174	369.0	381.9	388.9	399.0	406.5	435.4	460.4	479.2	485.2	504.0

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
CM	175	382.2	388.5	400.1	403.2	413.4	436.4	461.0	476.3	485.5	496.7
	176	352.8	357.6	369.9	373.4	383.9	397.1	414.3	426.2	434.9	445.9
	177	373.2	384.1	389.6	398.7	403.4	416.1	430.9	446.7	454.9	465.8
	178	380.5	393.1	404.0	419.9	427.4	447.6	469.7	491.2	513.3	523.7
	179	375.4	386.3	392.7	402.7	409.8	410.9	437.3	441.1	443.5	459.8
	180	327.6	340.7	351.0	358.3	365.7	388.4	406.3	425.1	437.4	475.8
CBM	201	350.4	359.1	376.9	378.8	385.5	404.2	424.3	435.4	445.0	463.3
	202	388.6	397.7	406.0	417.1	426.3	447.6	469.3	488.9	504.0	520.8
	203	367.1	376.8	389.2	402.5	409.0	426.8	438.6	452.0	455.8	471.1
	204	389.7	397.2	410.8	422.1	430.7	457.3	482.5	499.9	515.5	538.3
	205	378.8	389.7	401.9	405.6	409.1	420.8	453.4	470.1	473.0	485.8
	206	332.2	340.0	347.7	354.4	360.6	378.4	397.0	404.4	414.6	421.0
	207	352.8	361.3	366.4	369.9	371.0	395.1	412.8	427.8	439.2	464.4
	208	389.8	401.7	410.5	425.0	431.2	469.1	501.8	508.8	534.5	551.0
	209	374.6	384.0	394.7	409.0	419.3	446.9	468.7	480.3	500.5	510.5
	210	372.5	382.5	386.4	394.9	401.2	423.1	439.1	448.0	455.3	469.0
	211	392.1	401.2	412.3	418.6	431.2	462.0	490.5	496.7	511.3	532.7
	212	386.1	396.4	403.1	417.8	419.5	447.6	463.5	457.4	476.1	497.6
	213	321.8	332.1	349.9	354.9	368.8	388.2	405.4	426.6	425.1	442.7
	214	374.9	383.3	398.5	405.7	412.0	432.0	461.1	473.3	483.7	507.1
	215	349.7	360.4	367.5	373.8	383.0	396.6	410.1	423.3	424.5	438.3
	216	385.1	399.3	408.5	413.1	420.0	446.1	468.4	486.8	493.9	509.2
	217	332.9	345.6	353.4	363.2	369.9	395.8	420.7	440.4	452.6	457.7
	218	314.8	325.2	332.2	344.0	342.0	357.9	388.8	385.0	404.0	399.7
	219	322.1	332.7	335.6	345.2	344.0	367.6	385.9	392.3	401.5	408.9
	220	367.0	376.4	399.1	398.2	404.8	438.9	452.9	475.9	486.3	496.8
	221	370.9	385.8	385.4	383.3	379.8	394.0	404.1	413.8	424.6	434.7

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
CBM	222	368.2	381.0	393.0	397.3	400.4	427.4	458.4	469.6	488.4	512.6
	223	303.5	313.5	323.2	333.4	338.8	353.6	371.9	379.1	380.4	382.7
	224	340.6	345.1	354.0	362.7	363.6	394.4	418.3	428.7	439.6	432.7
	225	348.1	356.0	365.2	370.4	376.5	401.0	421.9	431.8	434.0	451.1
	226	364.0	372.3	376.8	380.1	386.9	412.9	434.6	453.7	466.3	478.2
	227	346.5	355.9	357.8	366.1	371.6	386.1	394.6	398.5	396.7	401.5
	228	365.6	379.3	378.0	382.6	401.8	419.4	441.7	463.0	478.5	512.1
	229	409.0	420.8	425.6	431.5	441.2	464.1	491.0	511.0	513.2	538.8
	230	321.7	328.9	338.0	347.6	355.8	373.1	402.1	417.9	428.5	435.5
	231	360.5	372.6	373.8	385.6	384.2	406.4	422.1	437.6	441.8	464.6
	232	348.6	359.7	373.0	376.2	376.6	389.2	410.0	424.3	435.1	440.8
	233	370.4	377.5	383.9	391.1	398.2	421.0	445.3	461.2	481.4	486.9
	234	437.0	448.9	469.4	480.6	493.9	524.3	548.5	570.9	580.3	603.9
	235	256.2	258.2	270.3	277.8	286.2	309.4	319.3	333.7	335.0	352.3
	236	353.2	365.6	375.9	382.6	390.8	420.2	445.4	466.0	473.9	502.3
	237	318.5	327.1	337.5	343.8	347.2	368.8	387.3	405.6	413.1	427.8
	238	369.9	375.9	387.5	396.8	401.7	431.0	452.1	459.7	472.8	493.4
	239	360.8	365.2	373.1	381.4	388.6	407.5	420.8	436.4	440.4	453.1
	240	406.3	417.9	425.6	433.5	443.5	476.3	495.4	513.9	520.0	546.3
	241	312.5	317.5	324.7	328.6	336.3	359.5	374.0	391.4	388.3	394.4
	242	396.1	405.4	414.2	419.4	426.7	444.4	461.1	476.8	470.5	465.3
	243	359.4	364.5	375.3	378.1	389.9	401.0	422.6	437.2	449.2	447.7
	244	329.7	336.1	340.0	350.2	357.5	371.3	388.7	403.7	407.2	421.9
	245	352.1	362.5	366.7	374.5	380.7	409.2	434.4	452.8	465.5	481.2
	246	346.6	354.9	360.8	368.1	369.4	386.1	404.4	416.4	420.4	430.9
	247	345.1	352.9	360.6	369.0	377.2	398.7	420.9	433.5	447.0	460.1
	248	320.6	328.3	334.4	340.5	345.0	365.5	378.0	388.5	395.8	409.6

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
CM	249	314.1	321.1	331.8	337.8	345.3	361.3	386.8	402.0	399.0	423.0
	250	360.9	372.5	378.8	384.9	388.8	413.3	430.2	444.2	437.5	461.1
	251	342.1	344.2	354.6	357.8	365.3	386.8	409.0	424.7	433.6	445.7
	252	293.2	300.7	311.1	318.4	324.5	335.7	344.7	354.3	357.0	375.6
	253	349.9	348.6	360.1	372.3	383.6	404.5	430.1	448.2	458.7	468.9
	254	217.0									
	255	329.1	339.8	343.2	351.8	352.9	375.3	397.7	411.8	414.0	435.8
	256	402.0	412.4	421.2	428.3	436.5	453.6	482.8	494.7	502.5	523.0
	257	381.7	391.6	399.8	410.7	421.7	445.8	465.9	483.7	484.2	508.5
	258	427.0	437.5	432.0	461.0	473.4	507.5	522.0	541.1	548.6	574.1
	259	358.7	367.6	379.2	394.9	397.8	424.8	432.4	455.3	471.5	493.5
	260	321.0	324.6	328.1	334.1	343.9	360.3	373.1	382.8	390.9	396.3
B0.2M	321	325.2	334.6	338.8	334.3	344.6	367.5	380.3	398.7	406.5	427.6
	322	381.0	390.1	394.1	396.2	403.9	439.4	457.4	471.9	483.2	490.4
	323	319.8	328.9	326.5	336.8	342.1	358.0	376.4	396.4	399.5	412.4
	324	348.5	360.4	365.8	373.9	384.0	408.2	415.5	425.1	426.6	438.0
	325	338.2	347.4	347.6	358.7	363.3	388.3	399.9	423.5	428.4	439.8
	326	354.6	367.1	381.8	391.2	398.1	426.3	449.4	470.1	471.1	483.6
	327	359.5	372.8	385.1	378.7	387.4	420.6	458.9	478.8	493.6	506.6
	328	288.9	300.1	305.7	309.1	317.4	338.1	353.6	360.4	364.6	386.2
	329	412.8	423.4	441.6	446.5	460.0	489.2	501.3	513.1	523.8	540.4
	330	331.2	339.1	339.5	344.6	356.0	378.3	399.8	410.4	421.7	432.9
	331	392.4	397.2	411.9	425.1	435.3	465.5	493.6	508.5	516.2	534.4
	332	400.2	409.8	412.1	429.7	433.8	456.7	479.0	483.4	485.9	510.4
	333	395.0	409.1	411.1	412.7	423.9	446.9	467.3	473.5	482.8	494.3
	334	338.9	354.5	361.6	373.3	369.5	393.0	415.6	424.7	432.9	445.5
	335	374.2	384.0	389.3	400.4	410.8	430.9	453.4	464.8	466.6	480.0

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
B0.2M	336	343.8	353.8	356.7	364.6	372.3	394.1	407.5	418.9	423.6	438.8
	337	387.6	392.1	397.4	404.7	413.2	434.7	463.7	476.8	478.2	498.3
	338	356.5	360.9	361.1	373.4	376.0	390.5	404.2	415.6	422.1	433.1
	339	330.9	343.4	344.0	341.1	343.7	371.5	378.3	382.3	391.6	401.9
	340	333.4	341.3	348.7	339.6	349.5	380.3	405.0	423.2	429.3	443.2
	341	293.5	308.3	315.5	318.1	323.0	357.8	374.5	399.4	407.9	423.7
	342	342.8	352.9	361.4	363.1	367.3	383.7	397.2	408.2	408.4	423.3
	343	380.3	388.6	393.9	405.7	417.3	418.4	439.1	453.2	462.5	482.9
	344	396.2	406.3	410.6	423.6	434.3	453.3	473.2	491.7	510.1	524.4
	345	340.9	345.4	353.8	358.5	361.1	385.1	404.7	418.1	423.1	443.2
	346	346.9	351.1	368.4	370.5	380.8	397.7	419.6	427.0	438.0	453.0
	347	301.7	315.8	328.3	331.4	340.9	377.6	395.7	411.3	428.9	430.0
	348	349.5	359.4	366.7	376.2	379.5	397.8	421.0	432.6	446.1	461.4
	349	377.2	389.2	408.3	416.6	428.9	446.0	458.3	482.9	496.1	519.5
	350	308.9	313.6	317.8	319.8	326.0	345.5	354.4	371.3	380.7	398.8
	351	351.7	363.3	371.5	379.3	385.2	419.6	451.5	474.6	481.4	508.5
	352	441.3	454.7	466.3	468.2	480.2	524.6	544.5	554.6	571.5	597.6
	353	327.2	344.5	321.0	338.0	345.4	397.4	418.8	437.9	442.2	460.8
	354	365.0	375.0	355.0	376.2	388.9	420.1	434.3	452.7	461.0	473.8
	355	350.8	359.6	364.6	367.2	372.9	386.9	402.2	413.9	429.1	431.3
	356	377.6	390.0	395.2	404.6	412.7	437.7	463.4	475.8	482.4	490.1
	357	280.1	285.5	292.1	294.4	299.9	315.8	333.0	342.3	342.7	360.2
	358	362.9	368.0	381.0	387.3	395.4	422.9	439.3	450.1	444.2	467.8
	359	336.2	342.4	356.5	360.1	375.8	393.2	421.7	440.0	458.1	479.3
	360	337.6	353.7	359.0	362.0	380.2	399.0	423.4	433.9	447.1	455.4
	361	291.6	302.5	311.6	314.8	318.1	346.3	363.5	375.1	378.3	397.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
B0.2M	362	358.7	364.7	371.6	374.8	388.0	403.0	427.7	445.7	448.0	469.8
	363	413.3	422.5	434.3	443.3	453.8	486.5	513.3	537.7	548.7	564.1
	364	340.0	355.5	367.9	376.2	378.1	394.0	409.9	427.1	431.1	444.1
	365	367.5	379.8	392.4	391.7	395.7	435.1	451.3	471.0	478.4	491.8
	366	348.6	361.8	365.7	367.5	376.1	398.2	404.3	418.2	424.0	423.5
	367	380.8	396.2	403.1	416.5	418.9	428.8	465.4	480.5	499.1	522.4
	368	354.4	363.4	372.3	380.9	388.3	399.5	429.9	441.4	458.1	476.2
	369	330.3	339.7	347.6	356.9	359.5	387.2	406.1	419.7	437.3	444.2
	370	406.5	417.7	423.5	432.8	438.5	467.3	489.3	509.5	522.1	543.7
	371	346.6	354.5	358.9	364.1	373.6	383.4	413.0	424.3	435.0	451.5
	372	322.1	325.3	331.8	342.1	352.5	374.5	387.6	402.9	409.5	423.7
	373	362.3	367.2	373.3	380.9	389.4	401.7	425.2	436.1	427.7	454.8
	374	355.5	367.6	383.9	392.4	400.7	412.2	426.4	435.8	434.5	451.4
	375	310.1	313.6	326.3	334.0	338.7	364.5	385.7	409.0	429.2	452.8
	376	333.0	344.9	355.4	360.5	366.0	395.1	420.3	432.3	441.5	461.9
	377	356.5	364.0	384.2	395.8	406.7	404.9	438.9	455.2	474.5	489.4
	378	362.6	375.2	386.2	395.9	401.4	397.8	435.1	441.3	453.2	471.8
	379	362.5	372.0	376.2	384.5	389.5	411.1	426.8	441.9	457.2	468.5
	380	341.2	347.3	357.6	365.3	369.6	394.4	408.8	421.6	427.3	441.9
B2M	421	330.7	332.5	346.4	355.7	364.5	391.2	390.2	416.6	420.8	435.4
	422	339.7	353.7	356.8	361.5	365.6	393.8	402.3	417.3	428.2	470.8
	423	329.8	336.9	337.6	343.8	351.4	368.5	381.7	400.1	403.0	416.2
	424	293.4	293.4	296.4	302.8	316.1	344.1	349.1	353.2	372.2	375.8
	425	349.6	358.6	363.6	375.9	385.9	415.7	423.0	443.5	441.7	465.6
	426	353.1	362.8	373.3	378.4	380.8	406.8	413.8	420.7	427.5	444.4
	427	343.4	357.3	361.5	368.2	376.0	412.4	416.0	412.8	427.6	462.7

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
B2M	428	291.0	301.0	310.2	316.8	320.4	347.9	373.0	374.5	388.1	411.6
	429	335.5	349.5	361.1	370.2	379.5	394.9	417.6	433.7	438.0	461.4
	430	353.7	368.6	374.7	370.9	386.7	413.5	432.0	438.8	443.6	464.0
	431	308.7	313.3	315.0	324.3	333.5	360.7	361.0	381.0	383.2	406.1
	432	380.9	386.9	393.7	403.5	418.1	446.0	445.6	456.1	475.4	482.5
	433	320.6	323.5	332.0	334.5	347.3	368.2	341.2	402.4	409.7	421.2
	434	309.9	316.7	329.0	334.7	344.0	360.8	320.7	378.1	380.5	397.4
	435	326.7	334.2	343.3	351.6	359.8	372.9	383.6	386.0	400.9	410.1
	436	427.8	429.1	430.0	439.7	449.0	487.4	508.3	509.5	519.0	544.4
	437	326.6	335.8	340.2	345.7	350.4	375.7	401.2	412.5	424.8	435.0
	438	377.9	391.1	406.7	409.1	419.5	444.2	469.7	487.3	500.8	514.7
	439	374.1	387.6	391.5	397.4	402.8	434.5	452.1	457.7	474.2	489.7
	440	329.6	333.6	337.9	338.3	343.8	371.1	386.1	393.6	397.2	417.8
	441	284.5	294.6	301.9	307.5	313.5	335.4	348.3	360.0	371.8	386.1
	442	341.6	352.9	363.1	373.1	382.1	405.4	415.6	428.6	456.4	461.2
	443	360.6	369.4	378.5	388.1	400.4	415.4	436.1	457.7	472.1	478.1
	444	327.6	327.5	330.2	344.9	353.9	365.3	385.1	389.3	402.5	433.8
	445	367.3	376.7	383.7	376.7	371.1					
	446	346.7	360.3	367.1	374.5	377.0	417.5	441.0	455.3	456.7	483.2
	447	354.9	363.9	371.9	389.3	399.5	428.0	448.9	465.2	481.3	495.8
	448	359.5	369.1	378.3	386.7	396.9	428.3	449.1	462.7	473.5	495.4
	449	286.5	291.6	297.1	303.5	307.1	319.4	341.3	350.8	354.2	364.4
	450	332.1	339.3	347.5	357.7	364.0	386.2	401.4	393.2	413.0	418.6
	451	343.9	351.4	354.7	366.7	376.6	406.1	436.2	444.9	459.0	476.0
	452	314.5	322.7	321.4	324.4	337.0	365.4	377.3	382.2	386.1	400.5
	453	297.9	308.5	311.9	316.8	319.9	339.8	341.8	353.1	354.5	369.9

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
B2M	454	332.6	345.2	347.0	350.8	351.3	381.1	400.3	418.5	430.3	451.9
	455	347.2	359.3	367.9	368.4	375.6	396.2	397.3	405.4	423.1	435.0
	456	324.8	336.1	338.5	348.0	356.1	379.5	403.3	430.6	434.7	451.1
	457	326.3	330.2	337.8	336.5	347.7	369.0	381.7	396.6	380.3	408.8
	458	386.9	395.5	404.2	403.3	411.0	431.7	437.7	454.1	442.3	471.5
	459	310.9	323.2	330.7	334.9	338.2	353.4	371.6	384.4	396.7	393.5
	460	315.2	325.5	334.6	338.8	343.0	364.1	381.7	395.0	397.2	421.4
	461	337.4	343.1	344.0	353.3	364.5	400.4	423.6	439.2	462.1	471.4
	462	311.9	316.7	324.9	332.9	337.1	360.4	361.7	375.2	387.0	406.6
	463	267.5	272.4	272.1	283.0	293.9	315.8	318.1	338.0	342.5	356.0
	464	357.3	356.5	367.5	374.9	381.0	401.0	405.9	417.9	435.0	444.0
	465	329.2	339.6	342.8	345.5	353.2	391.4	402.9	423.3	436.1	454.2
	466	355.8	368.5	379.0	382.1	385.4	406.1	416.9	424.1	429.7	439.5
	467	379.7	382.0	386.4	400.5	409.2	430.9	440.8	453.0	465.4	478.3
	468	319.6	327.7	331.7	341.5	339.0	363.9	380.3	396.0	399.8	412.4
	469	319.2	329.1	344.1	344.1	353.2	382.2	399.1	409.8	405.1	441.1
	470	342.1	352.7	360.4	368.6	380.3	403.0	409.9	423.6	416.9	456.0
	471	305.6	314.7	320.4	325.0	329.1	349.4	361.6	373.6	380.0	387.6
	472	336.4	343.5	350.8	362.1	373.0	385.9	394.6	418.3	423.1	450.1
	473	353.7	352.9	377.4	383.1	375.6	412.8	421.3	429.7	439.3	449.8
	474	345.2	354.7	362.2	371.2	391.8	395.5	414.0	427.1	433.7	456.2
	475	304.0	314.3	322.0	329.2	338.0	360.0	378.7	390.7	380.2	411.8
	476	347.6	351.4	362.5	376.1	383.8	405.3	426.5	441.0	446.9	478.9
	477	280.7	284.6	293.3	301.4	307.6	324.2	342.1	359.1	367.8	379.9
	478	289.6	299.8	311.0	318.9	324.2	316.9	329.0	336.2	338.1	348.9

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
B2M	479	277.8	284.7	288.1	296.0	301.2	319.6	339.2	354.1	360.0	374.9
	480	378.5	383.2	390.0	394.6	404.1	426.9	437.0	465.1	470.3	478.7
B5M	521	306.5	317.3	325.8	332.9	338.2	355.2	369.1	390.2	435.6	412.9
	522	345.5	354.7	360.2	361.0	370.1	394.4	411.9	421.4	403.3	452.4
	523	294.4	301.0	307.7	316.5	324.4	337.4	348.8	355.6	368.9	376.8
	524	369.0	376.2	376.8	387.9	391.5	400.1	404.9	423.9	449.8	463.8
	525	284.9	289.9	296.0	297.2	309.5	324.0	329.9	332.3	335.6	339.6
	526	311.3	317.8	325.8	328.4	327.8	350.1	366.1	372.9	381.3	388.7
	527	268.6	282.5	291.6	303.6	313.7	334.9	351.1	355.4	372.3	374.3
	528	272.6	281.2	293.1	298.3	304.2	323.8	347.8	346.8	362.9	369.8
	529	320.5	342.5	352.2	363.5	366.3	390.4	396.0	400.0	421.0	438.2
	530	291.6	296.6	301.6	314.1	318.3	339.7	349.8	361.3	371.7	386.3
	531	363.0	369.9	378.3	387.6	399.0	417.3	436.4	447.1	378.8	463.3
	532	333.8	342.9	352.3	360.1	367.5	381.8	397.9	407.4	358.1	422.5
	533	338.2	342.8	346.2	354.7	364.9	381.2	393.5	412.2	421.7	398.1
	534	296.5	307.9	311.2	316.1	323.1	341.3	353.2	363.3	377.6	386.2
	535	295.4	307.2	314.8	322.3	326.2	346.9	364.2	376.2	389.5	390.8
	536	312.7	324.1	331.1	337.9	344.7	353.0	360.4	368.9	379.2	389.5
	537	303.1	309.3	318.8	319.9	325.5	331.4	350.2	358.8	362.0	378.4
	538	323.0	328.8	338.6	350.4	356.8	370.6	394.1	404.5	413.2	426.0
	539	325.2	332.0	339.3	339.8	344.4	365.6	377.3	391.7	398.9	409.8
	540	348.9	354.6	362.2	371.7	379.6	405.5	415.6	428.1	453.4	459.5
	541	312.4	321.1	326.9	338.1	348.2	366.3	383.1	395.9	405.4	412.4
	542	338.8	347.4	357.9	358.4	366.7	383.8	390.2	403.4	414.0	429.9
	543	324.7	333.7	335.3	344.6	353.3	375.3	391.7	396.1	412.5	420.1
	544	347.1	350.6	350.3	360.3	368.6	384.8	397.2	397.3	428.5	426.6

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
B5M	545	311.2	318.4	327.4	329.3	332.4	362.2	373.2	385.0	392.2	403.0
	546	355.2	363.1	376.6	382.8	388.8	397.8	422.7	423.5	415.1	448.3
	547	348.7	350.3	358.2	361.5	373.0	396.2	412.3	425.1	416.3	439.3
	548	316.3	327.2	334.5	341.5	348.7	371.9	392.7	399.0	429.8	428.8
	549	299.1	305.0	311.3	311.7	318.6	343.5	351.0	363.2	358.3	374.3
	550	373.7	385.2	395.7	411.2	419.8	447.5	466.2	489.2	496.9	527.9
	551	296.6	307.6	313.6	317.9	319.9	341.4	348.9	357.4	374.7	387.7
	552	405.9	411.1	420.2	427.5	441.2	461.2	474.4	471.8	489.9	509.4
	553	306.6	322.0	322.5	331.7	340.0	357.9	365.8	370.5	387.1	398.4
	554	339.5	347.9	359.4	358.5	366.9	380.7	393.6	399.2	410.7	426.1
	555	313.1	321.6	325.7	332.2	337.6	356.2	364.2	372.9	379.5	383.1
	556	328.9	340.7	342.9	351.4	347.2	379.5	395.8	401.8	407.5	411.0
	557	306.2	309.4	315.4	314.2	321.5	343.0	360.1	373.2	383.2	390.3
	558	308.9	312.3	323.5	328.3	338.9	351.1	365.9	369.5	378.1	390.1
	559	334.8	345.0	358.8	364.6	375.9	406.1	423.6	440.4	448.8	467.4
	560	259.7	259.6	263.5	270.7	274.4	288.3	296.9	303.8	313.2	319.9
	561	350.9	360.7	368.2	373.4	380.3	401.1	407.5	416.8	427.5	439.5
	562	327.2	336.3	342.5	351.4	359.7	379.4	393.0	405.3	408.5	426.8
	563	299.0	308.1	310.1	325.8	331.9	351.3	363.9	369.2	377.5	393.8
	564	292.1	297.5	314.2	316.9	319.5	339.0	349.9	353.6	365.9	379.4
	565	382.7	398.4	400.6	404.8	418.9	430.5	447.7	453.9	472.9	485.7
	566	331.9	340.7	347.1	355.7	361.9	382.5	392.2	404.9	414.5	426.8
	567	334.6	344.1	349.9	351.6	357.6	375.1	384.6	395.1	404.3	412.2
	568	296.2	306.9	311.1	319.7	330.2	342.8	367.5	370.2	397.2	410.7
	569	323.7	335.4	343.0	355.0	358.6	381.1	396.3	408.2	428.3	437.2
	570	385.1	395.3	406.4	412.8	420.9	455.5	477.3	486.2	502.0	519.6

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
B5M	571	335.5	342.0	345.8	352.0	355.0	367.9	375.2	391.3	401.6	416.6
	572	327.5	338.8	347.8	349.1	360.2	375.1	399.5	415.5	427.9	443.2
	573	296.3	306.2	313.5	318.7	321.9	340.2	353.3	372.0	381.3	398.6
	574	332.7	339.2	344.5	350.1	351.0	362.9	377.6	385.3	394.5	406.8
	575	336.1	347.6	354.6	359.9	365.3	390.2	403.1	419.1	425.8	436.5
	576	327.1	336.7	348.2	359.3	368.2	391.2	401.8	411.4	420.6	435.1
	577	310.1	323.6	327.3	336.4	341.3	362.1	377.4	394.4	406.1	418.9
	578	370.2	377.9	379.0	392.3	403.0	425.4	436.5	440.0	443.1	454.1
	579	336.1	341.9	348.7	361.9	365.7	376.8	384.6	396.7	403.1	412.8
	580	329.7	338.9	345.1	355.0	362.1	377.2	396.5	406.6	418.2	429.5
E0.2M	621	336.8	347.2	349.7	354.3	360.8	382.3	394.1	415.2	421.2	435.2
	622	378.8	393.2	403.3	403.5	410.5	441.8	460.0	485.9	498.5	512.9
	623	343.3	354.2	365.7	370.4	375.0	392.7	397.0	406.5	438.4	431.2
	624	373.0	379.7	382.3	381.3	401.4	424.0	437.7	437.5	459.8	469.2
	625	348.8	363.6	371.0	379.9	382.2	390.6	408.3	425.2	434.7	442.8
	626	316.4	326.9	334.9	343.9	346.3	363.2	384.8	397.6	402.5	423.5
	627	357.1	368.0	375.6	381.4	387.4	402.7	414.4	429.5	437.7	450.8
	628	344.1	351.1	360.7	367.3	372.5	389.5	411.3	430.8	445.3	456.6
	629	420.4	442.3	446.1	450.6	468.2	484.1	506.3	532.3	536.7	556.0
	630	386.6	394.8	402.1	402.0	418.2	428.6	448.0	462.5	474.3	487.5
	631	377.7	391.9	407.3	423.5	438.5	461.5	479.2	496.6	513.8	520.7
	632	303.1	312.1	317.9	324.4	332.8	340.7	352.8	367.9	387.4	382.5
	633	357.1	365.8	369.6	377.9	378.6	401.1	416.9	424.7	445.0	461.0
	634	366.4	385.3	392.0	400.3	400.7	417.8	442.4	455.7	482.9	494.6
	635	343.1	352.9	366.6	375.5	382.5	405.3	420.0	440.9	453.8	461.1
	636	340.2	360.7	365.4	371.5	377.9	403.1	425.4	438.6	453.8	470.0

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
E0.2M	637	300.2	308.3	315.4	325.6	328.9	349.3	360.7	377.3	395.7	404.0
	638	409.1	420.2	436.2	439.7	452.3	472.3	495.5	501.5	518.9	529.9
	639	318.6	327.9	333.4	337.3	341.5	356.1	370.8	379.9	398.1	409.1
	640	365.3	376.4	384.0	396.4	406.4	427.2	449.6	467.5	477.0	490.9
	641	347.8	361.9	370.5	380.7	387.5	387.5	414.9	432.7	438.6	460.9
	642	380.0	395.4	399.2	407.2	414.3	431.6	446.4	466.3	479.2	497.0
	643	356.9	367.0	373.6	385.2	390.6	399.5	422.1	438.7	455.8	458.7
	644	368.7	379.9	387.9	398.6	405.3	420.9	438.6	456.1	467.6	474.2
	645	255.5	261.6	267.1	274.0	282.7	293.8	309.6	310.8	325.0	329.6
	646	352.6	362.2	371.8	373.0	378.7	410.7	425.4	432.6	450.5	462.1
	647	361.7	374.6	381.2	388.1	401.0	429.6	461.3	473.9	484.3	510.4
	648	345.7	353.5	361.6	367.1	372.0	395.7	404.3	413.4	424.1	440.3
	649	301.7	314.0	322.5	329.2	338.1	360.6	383.7	390.8	406.6	394.1
	650	375.3	391.8	396.1	400.6	409.2	428.0	443.9	463.7	475.4	489.6
	651	317.7	324.7	326.3	330.8	333.9	354.7	366.1	384.3	405.3	406.9
	652	383.8	401.8	408.4	417.1	430.1	453.9	476.4	486.8	510.8	526.6
	653	327.3	336.6	346.3	351.0	353.1	363.5	378.6	391.6	406.1	397.1
	654	334.6	345.5	357.9	363.6	378.3	398.8	414.8	435.8	459.2	478.3
	655	337.7	348.6	358.8	369.2	376.1	394.8	426.3	433.0	444.0	435.5
	656	358.7	369.5	374.3	381.9	386.1	396.4	412.8	430.5	434.2	443.3
	657	391.8	404.2	412.5	419.9	430.0	455.8	476.5	490.6	506.8	518.4
	658	349.0	354.6	366.4	367.8	378.4	399.9	411.6	433.4	444.5	459.2
	659	354.3	358.6	369.1	377.5	385.1	402.4	415.8	430.6	450.9	471.7
	660	342.5	354.4	363.2	374.9	379.6	388.9	407.7	420.7	436.7	532.1
	661	371.4	383.3	395.0	401.3	408.7	438.1	457.8	476.7	483.0	501.6
	662	360.0	360.0	363.9	350.6						

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
E0.2M	663	343.9	354.4	362.7	373.8	375.7	401.5	421.5	431.4	449.8	475.2
	664	373.2	385.5	394.3	400.1	403.1	425.9	441.9	454.1	469.3	482.0
	665	330.1	345.7	355.6	363.3	366.2	386.4	402.3	416.0	424.6	445.6
	666	316.8	323.5	332.9	336.6	333.9	367.9	385.3	402.5	411.2	430.7
	667	371.1	380.4	383.8	392.6	399.1	421.4	428.7	437.7	453.6	468.2
	668	377.4	393.5	403.7	415.6	429.0	452.4	470.2	491.4	510.6	531.8
	669	330.2	339.0	347.3	354.3	359.4	380.3	401.3	413.3	408.4	433.6
	670	320.8	330.7	340.0	343.1	349.3	371.8	388.3	398.1	419.2	424.2
	671	392.5	404.8	412.3	419.2	419.2	442.6	464.1	471.8	488.0	508.1
	672	314.4	324.8	333.7	341.7	352.8	377.0	403.2	418.5	444.3	462.8
	673	296.0	305.3	313.0	320.2	321.5	339.3	357.9	377.4	387.0	403.3
	674	320.6	328.2	333.1	337.3	345.0	362.3	379.7	381.4	396.5	406.4
	675	352.9	366.4	370.9	378.6	388.5	414.4	422.6	447.6	456.0	477.4
	676	324.8	342.0	346.1	345.8	352.8	365.1	383.9	391.2	407.4	425.8
	677	336.9	348.5	355.9	360.6	365.0	384.3	400.1	408.7	426.0	435.2
	678	384.8	395.5	400.2	407.5	414.9	425.6	443.3	449.7	461.9	467.7
	679	411.4	421.8	429.4	442.2	443.6	476.2	492.6	515.9	531.1	537.0
	680	359.8	365.6	376.0	384.2	389.2	411.1	421.6	432.1	439.9	432.2
E2M	721	286.2	294.3	300.8	310.1	315.2	333.1	346.0	378.4	361.1	375.0
	722	307.6	318.1	326.0	330.8	340.4	359.0	372.3	389.3	401.5	416.6
	723	355.9	370.8	377.6	384.4	393.9	407.1	427.1	431.3	440.8	459.6
	724	296.6	306.1	312.6	320.5	326.1	341.2	352.0	365.6	374.5	390.4
	725	299.9	313.5	321.9	327.3	334.3	343.1	355.1	374.0	393.2	392.6
	726	273.4	286.8	294.8	298.5	295.0	315.3	327.8	341.2	349.1	364.7
	727	316.0	330.5	345.2	353.2	359.2	372.8	391.5	409.1	398.5	427.4
	728	416.3	427.7	434.8	440.3	445.9	463.9	477.9	478.4	475.2	505.1

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
E2M	729	334.1	345.8	357.0	361.4	369.9	383.1	395.1	411.1	419.8	425.4
	730	327.7	337.1	346.2	355.7	361.2	377.1	392.4	406.0	417.6	431.2
	731	343.8	355.5	362.8	373.2	378.1	405.3	421.1	437.6	432.2	448.1
	732	342.1	347.0	356.3	360.6	363.4	390.8	406.3	430.5	440.6	463.4
	733	383.1	394.2	398.8	407.7	418.6	439.8	453.8	473.6	483.1	493.6
	734	371.0	388.0	398.4	402.8	407.4	437.9	455.2	471.7	479.1	489.2
	735	320.0	328.1	333.0	339.0	341.2	361.8	375.5	386.5	398.7	410.5
	736	396.3	411.4	414.9	424.8	432.3	460.4	462.9	483.7	494.7	508.6
	737	351.2	369.1	366.6	378.8	384.1	392.0	397.3	416.0	417.0	428.6
	738	390.4	400.7	408.7	424.5	433.5	444.5	466.9	484.7	486.8	495.0
	739	327.7	366.9	376.3	379.8	384.0	402.3	417.4	428.9	437.9	447.3
	740	315.2	351.1	363.0	362.0	361.4	389.9	400.4	417.0	429.3	435.5
	741	354.2	372.2	382.2	390.1	396.7	402.2	406.3	420.8	428.1	444.6
	742	315.2	326.4	327.4	333.9	339.4	344.9	354.0	365.5	362.9	376.2
	743	385.3	390.4	398.3	406.1	416.8	429.5	445.5	460.2	464.7	478.4
	744	291.2	298.5	306.9	315.1	322.9	343.7	348.2	364.8	376.3	389.0
	745	292.4	301.0	307.1	311.6	314.4	337.2	348.7	359.4	364.3	372.0
	746	337.2	351.6	360.1	366.7	371.0	398.8	408.6	424.2	435.5	452.3
	747	310.3	317.6	326.0	328.9	335.7	349.6	354.6	372.4	382.1	385.8
	748	358.9	374.3	377.6	379.9	390.1	412.4	417.7	434.0	444.2	457.1
	749	286.0	297.1	301.9	304.0	317.5	333.0	342.1	356.4	368.4	383.7
	750	320.5	328.2	334.1	342.8	346.6	358.9	366.0	383.9	392.7	403.5
	751	357.3	373.8	379.4	384.7	389.5	404.3	423.9	431.9	446.2	452.2
	752	343.3	356.4	365.9	368.7	372.9	387.9	413.9	430.6	442.6	458.3
	753	343.5	352.2	364.8	370.8	369.9	390.5	405.7	423.1	431.3	442.1
	754	372.1	384.5	401.4	411.6	418.6	444.8	463.1	484.1	501.8	507.4

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
E2M	755	341.4	348.4	356.3	362.1	372.1	393.9	398.5	418.7	419.3	436.5
	756	312.1	325.4	333.7	348.0	356.8	374.7	392.0	403.9	409.8	430.5
	757	355.1	365.6	369.3	378.2	380.5	410.5	431.5	449.0	454.6	473.3
	758	343.7	355.9	364.6	368.6	375.4	395.4	405.3	427.5	440.3	449.7
	759	334.2	341.3	348.7	353.3	363.4	375.8	387.7	401.7	413.1	421.8
	760	309.6	320.9	328.8	338.1	343.8	365.3	377.5	398.6	409.9	419.5
	761	330.9	339.4	350.2	356.3	362.4	379.5	382.1	399.8	409.1	380.3
	762	285.6	297.8	303.5	310.1	310.6	326.8	338.9	344.6	352.0	324.0
	763	304.3	310.1	318.6	321.8	329.2	340.9	350.0	361.3	361.9	362.7
	764	341.4	352.7	364.1	374.4	381.0	384.1	421.5	433.8	436.3	457.1
	765	317.5	332.3	340.3	350.5	355.0	347.9	399.1	419.2	426.5	444.8
	766	317.5	328.1	334.1	334.7	339.1	381.4	358.7	369.9	372.9	383.8
	767	336.4	344.4	350.5	359.6	367.6	390.3	403.6	413.0	425.1	435.0
	768	335.6	339.9	347.6	356.0	364.9	385.4	387.0	392.3	398.5	399.8
	769	329.4	340.6	342.7	350.3	361.8	380.6	405.8	417.0	435.4	448.4
	770	304.2	317.9	323.3	329.4	333.5	359.0	381.6	396.4	410.5	417.3
	771	344.1	356.0	366.6	376.2	383.3	415.3	433.4	448.5	449.0	471.5
	772	403.1	418.1	425.0	435.5	439.9	468.1	481.2	490.9	489.3	518.7
	773	291.4	301.3	311.0	316.0	325.2	338.7	356.2	363.4	341.4	389.8
	774	305.4	316.4	323.6	330.0	336.9	356.1	360.4	378.0	376.0	392.8
	775	363.0	373.4	373.9	385.0	392.8	407.5	421.3	431.8	432.8	419.9
	776	309.9	325.2	332.8	347.5	348.0	363.8	394.9	397.5	402.1	420.0
	777	266.7	277.8	287.0	296.1	296.4	314.1	327.0	345.2	354.5	366.8
	778	382.7	391.5	400.1	402.9	405.7	426.2	440.0	454.5	455.8	475.0
	779	333.9	342.8	350.9	355.7	365.0	385.4	397.6	413.7	421.8	436.4
	780	368.9	378.4	377.3	386.7	402.3	423.3	448.9	461.1	439.1	487.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
E5M	821	364.6	376.7	387.2	383.7	389.7	406.9	425.7	440.1	453.3	465.4
	822	329.7	330.6	335.1	340.0	353.4	361.6	384.8	389.5	403.1	407.4
	823	315.6	322.1	329.6	331.1	341.1	365.4	374.4	394.4	389.5	397.4
	824	327.2	338.0	344.9	350.9	354.1	369.4	386.4	397.1	403.2	414.0
	825	298.3	310.4	318.8	321.0	324.0	352.3	368.3	381.7	386.3	389.3
	826	308.7	319.8	326.4	324.8	334.9	342.5	360.9	371.5	368.9	376.4
	827	302.1	310.6	314.0	319.0	327.3	346.0	355.9	367.7	352.7	386.7
	828	329.4	337.8	340.4	343.7	349.6	371.8	386.4	397.8	367.1	401.5
	829	364.7	374.0	383.4	389.2	395.2	417.9	437.9	457.7	455.9	480.4
	830	309.5	321.4	328.0	327.3	331.0	344.8	359.9	371.8	378.4	388.1
	831	275.4	280.9	286.7	296.6	297.8	305.1	320.4	322.7	330.0	332.3
	832	327.0	336.3	342.2	349.3	350.5	357.0	358.5	385.5	386.8	406.3
	833	344.7	358.5	368.8	375.6	378.4	404.7	421.3	442.3	460.0	470.3
	834	310.0	316.3	323.3	319.3	319.6	329.3	339.2	344.4	349.9	349.6
	835	298.9	303.2	310.9	317.9	317.4	343.0	361.1	373.6	385.8	384.9
	836	311.2	316.6	324.5	330.2	331.5	338.9	346.6	344.6	354.3	361.3
	837	372.5	380.0	389.2	385.8	395.1	415.4	422.8	447.6	435.1	444.8
	838	309.6	321.8	321.9	322.2	333.1	349.0	361.1	375.1	380.3	394.2
	839	297.1	306.0	315.3	314.4	319.3	349.0	361.5	375.6	379.9	388.5
	840	308.1	316.7	320.8	322.8	324.1	338.2	348.1	362.0	367.4	378.6
	841	318.5	324.1	318.0	339.7	348.6	359.2	376.8	391.0	398.3	402.5
	842	326.9	340.1	351.6	360.6	359.3	384.8	398.1	416.1	421.3	439.4
	843	306.6	318.2	318.7	319.3	325.8	344.2	358.8	372.8	372.5	384.2
	844	307.9	317.1	317.5	322.1	322.2	339.4	346.0	365.5	370.3	383.3
	845	348.6	362.5	374.4	372.1	380.3	400.6	412.2	431.6	438.6	448.4
	846	350.2	359.9	361.7	363.8	369.0	380.5	395.5	407.0	413.4	420.1

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
E5M	847	281.9	288.2	294.9	301.9	284.9	316.0	331.3	348.5	355.9	361.5
	848	325.3	331.3	336.0	347.6	359.4	386.7	394.6	410.7	425.5	431.0
	849	356.1	366.2	379.9	384.9	389.6	400.6	412.9	430.0	431.9	436.9
	850	319.9	331.9	341.4	345.4	347.5	360.5	375.0	383.0	391.1	402.0
	851	320.6	329.3	335.0	340.9	348.1	358.9	380.2	384.0	386.6	396.3
	852	331.2	340.0	347.1	353.9	362.7	377.0	393.5	409.7	417.4	421.4
	853	312.1	320.9	327.2	324.4	334.1	357.1	367.4	383.0	388.1	393.7
	854	315.9	325.3	330.3	334.5	346.6	360.2	384.9	398.9	405.2	410.6
	855	336.5	348.0	354.2	360.6	364.3	377.9	385.7	401.1	416.1	421.0
	856	336.4	349.1	349.9	363.9	368.7	375.2	384.2	410.3	418.1	417.9
	857	347.6	364.2	374.5	379.8	384.0	424.8	441.2	451.4	472.3	479.4
	858	317.5	328.0	335.1	328.9	330.1	348.5	370.9	390.5	398.8	382.6
	859	296.7	305.3	310.3	319.0	324.3	348.0	362.3	379.4	389.8	396.0
	860	349.9	360.5	359.7	364.5	372.7	385.3	392.7	409.8	417.4	428.8
	861	363.5	380.6	390.8	398.2	406.2	424.1	444.7	458.3	469.3	493.4
	862	328.5	338.7	348.8	356.0	358.5	378.8	398.9	410.9	413.8	430.3
	863	329.9	337.5	350.6	358.0	362.5	370.1	394.8	406.1	405.5	415.7
	864	304.4	310.3	321.5	325.5	330.0	338.6	352.9	372.2	378.1	382.3
	865	326.4	337.2	348.5	353.3	360.3	376.4	386.0	403.7	412.6	420.8
	866	355.8	368.9	377.2	379.2	387.6	404.0	418.3	432.7	445.2	451.2
	867	344.8	353.4	359.3	363.6	366.8	379.0	392.6	389.7	399.8	403.2
	868	358.3	368.9	382.6	385.0	391.6	413.7	431.3	437.2	440.1	447.6
	869	327.4	338.9	342.2	341.7	345.3	361.6	367.1	373.5	379.4	388.5
	870	252.7	261.5	268.0	267.5	276.5	293.7	315.0	331.2	343.2	350.7
	871	323.0	335.9	342.9	354.9	357.9	386.4	402.0	414.1	424.0	435.8
	872	290.9	303.0	307.4	313.0	323.1	335.1	346.4	360.0	371.1	375.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
E5M	873	301.4	308.9	316.8	326.7	328.9	342.1	357.5	366.2	375.0	343.0
	874	294.4	300.6	315.8	320.8	323.7	315.7	351.1	357.0	357.7	326.0
	875	370.5	389.5	403.7	408.5	405.6	441.3	441.6	448.1	451.7	479.2
	876	347.9	360.3	373.9	377.6	385.8	406.4	423.3	440.3	439.6	447.2
	877	323.5	340.4	350.7	354.2	362.8	382.4	400.7	420.0	424.8	436.1
	878	392.1	409.2	421.0	427.6	435.8	465.4	480.3	493.5	510.0	530.9
	879	332.0	347.9	358.5	369.9	371.9	388.6	410.7	422.9	434.9	444.9
	880	254.9	261.1	268.5	276.9	277.0	286.1	298.5	312.9	315.8	320.9

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
CM	121	494.6	452.5	516.1	529.1	521.7	552.6	564.3	580.7	602.0	603.6
	122	410.9	424.2	422.9	425.7	436.7	434.6	446.6	461.2	457.9	469.8
	123										
	124	516.5	513.0	507.6	538.7	536.4	551.0	563.7	573.4	572.9	583.9
	125	526.0	525.4	542.3	557.8	566.7	564.4	583.8	593.1	598.6	601.0
	126	467.9	480.6	483.0	498.7	510.2	499.5	518.1	522.9	530.0	537.6
	127	466.3	460.8	471.1	494.8	488.9	496.5	506.8	513.6	522.7	520.4
	128	488.8	496.4	500.7	515.6	519.0	509.0	525.0	530.0	547.7	548.7
	129	435.3	447.9	459.3	469.9	477.4	476.8	491.7	499.2	509.2	507.6
	130	531.8	544.3	556.6	569.2	587.9	592.6	604.8	621.6	637.0	639.4
	131	365.7	357.4	370.0	360.0	367.4	388.4	389.4	401.8	417.2	422.8
	132	451.1	465.0	465.9	477.8	472.1	495.0	492.1	505.2	511.8	516.1
	133	477.0	486.6	503.1	516.3	524.9	541.5	548.6	549.7	559.0	563.3
	134	426.2	432.7	434.8	440.8	443.9	458.7	452.2	466.1	469.7	472.5
	135	467.4	480.4	490.6	486.6	500.6	510.4	528.7	535.9	540.5	549.9
	136	516.9	534.6	537.3	565.9	589.9	597.5	607.2	617.4	636.7	645.2
	137	435.5	435.1	438.6	446.7	453.5	456.8	467.0	469.8	477.6	480.0
	138	504.5	504.8	518.2	527.1	534.9	539.7	553.4	555.6	564.5	572.9
	139	516.3	527.1	534.8	550.6	562.8	561.1	571.3	574.8	583.2	585.6
	140	421.4	429.5	432.2	430.0	442.5	437.2	439.5	406.1		
	141	536.9	559.6	573.5	594.1	605.2	612.9	609.3	625.2	618.1	627.9
	142	473.0	476.8	490.8	496.4	501.7	507.3	515.3	523.3	524.0	528.7
	143	456.0	463.1	475.4	485.8	490.1	503.1	501.1	509.2	516.3	522.7
	144	580.4	584.7	597.2	621.9	638.7	645.9	649.5	664.2	661.0	673.9
	145	526.0	548.6	567.7	584.9	600.2	615.0	618.1	644.7	664.3	664.5
	146	437.4	440.8	455.9	465.3	479.7	491.2	502.4	514.7	531.6	533.7
	147	509.1	512.6	522.1	535.3	537.8	549.6	561.1	556.9	568.0	570.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
CM	148	482.6	475.6	480.8	489.2	499.5	505.2	511.1	507.1	521.9	521.4
	149	526.8	526.9	536.5	553.1	567.1	579.1	591.1	602.8	607.1	614.2
	150	443.7	454.5	455.5	456.8	467.0	469.6	482.0	491.4	494.2	502.0
	151	533.1	540.4	552.8	567.5	590.3	566.0	597.2	608.0	619.2	627.2
	152	452.2	464.2	467.5	473.7	481.2	486.2	499.3	502.0	504.7	500.5
	153	353.5	362.2	361.8	367.2	374.5	373.7	382.2	390.9	387.4	396.4
	154	471.4	484.9	483.6	494.7	511.6	522.8	513.0	526.7	532.4	540.0
	155	433.1	437.6	438.7	447.6	457.4	459.8	474.6	489.7	498.6	497.6
	156	482.1	490.2	504.6	516.1	534.1	541.0	548.7	562.5	575.8	578.7
	157	427.7	439.2	439.6	451.5	460.2	460.7	466.3	474.9	491.2	484.2
	158	383.4	391.7	397.3	405.8	413.8	417.5	425.0	433.8	429.9	448.1
	159	447.4	455.0	463.9	471.3	487.3	480.1	502.0	513.8	518.5	527.4
	160	467.3	475.8	487.3	486.5	506.4	511.3	512.5	526.3	530.8	537.4
	161	490.6	505.7	510.4	520.1	520.2	526.9	521.8	506.5	439.3	381.5
	162	462.3	468.8								
	163	518.9	527.7	532.3	549.9	567.7	559.5	588.5	601.6	602.6	610.3
	164	478.7	499.0	490.1	506.9	513.2	510.9	529.4	540.6	537.7	475.4
	165	499.1	504.8	506.4	521.8	528.3	532.0	533.8	542.5	552.5	569.4
	166	503.2	515.9	524.9	533.7	536.9	563.5	561.6	577.9	585.8	598.4
	167	478.8	485.6	498.3	506.4	509.4	513.6	529.4	537.0	543.6	545.5
	168	419.4	428.9	436.1	444.6	450.7	457.8	458.5	469.5	467.0	476.2
	169	480.5	484.7	492.8	506.9	512.1	515.6	530.0	537.3	540.6	554.1
	170	532.0	549.8	555.4	563.7	578.9	589.4	583.0	604.2	623.1	638.0
	171	503.1	511.1	508.2	524.1	544.5	537.6	560.0	570.0	584.7	589.4
	172	436.3	442.2	452.2	464.4	471.3	471.4	485.2	501.1	502.1	511.8
	173	491.4	494.7	493.7	507.4	510.4	518.7	527.2	542.8	552.2	557.9
	174	515.4	521.0	533.8	541.9	549.2	554.2	557.1	564.3	573.9	585.4

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
CM	175	509.2	515.0	509.1	470.0	520.9	529.9	534.6	546.9	553.3	566.7
	176	455.1	475.3	473.1	487.0	500.8	500.6	504.2	520.2	528.7	533.0
	177	484.4	490.0	489.9	496.3	505.7	509.5	515.9	522.8	533.1	545.9
	178	546.3	555.0	564.3	577.5	590.9	651.8	680.5	692.7	677.9	670.8
	179	487.0	487.2	501.0	525.1	536.3	553.8	562.2	574.5	581.4	585.2
	180	474.6	481.2	491.8	511.4	516.8	518.9	536.9	555.5	566.3	590.7
CBM	201	459.2	476.5	490.0	493.6	494.3	509.2	525.6	532.6	543.9	544.2
	202	536.1	541.7	547.2	564.1	560.8	570.8	583.8	597.3	600.9	589.8
	203	485.4	494.1	497.7	499.5	516.8	511.9	518.7	535.0	538.5	547.3
	204	556.2	566.8	577.5	587.9	604.0	578.8	601.4	613.5	638.4	632.6
	205	495.7	492.1	507.8	526.7	526.8	535.5	523.0	536.9	547.5	545.9
	206	436.3	431.8	445.4	451.6	463.7	457.4	468.5	480.2	483.8	487.2
	207	470.7	475.5	476.7	481.1	481.5	469.2	454.0	442.3	411.4	367.0
	208	573.9	584.0	600.0	617.6	635.0	639.7	645.0	657.2	669.9	681.2
	209	531.6	540.1	546.2	564.8	564.9	568.4	584.1	594.4	600.0	605.4
	210	479.2	483.7	489.1	498.9	506.1	510.4	526.4	539.6	542.5	556.9
	211	534.1	554.9	552.0	563.8	573.3	582.5	585.0	598.0	601.2	607.3
	212	528.4	539.5	536.2	558.4	562.9	566.7	573.7	587.3	590.8	598.9
	213	452.9	460.4	473.1	472.8	489.8	488.7	491.4	505.8	506.0	528.5
	214	518.1	531.3	537.1	551.0	560.2	563.4	569.3	582.7	593.9	605.3
	215	454.3	458.8	452.1	471.2	482.7	483.7	483.4	502.6	499.8	517.1
	216	527.1	537.6	550.2	554.0	568.3	574.7	579.0	590.7	599.4	609.3
	217	483.3	485.1	484.6	508.6	522.1	521.8	542.2	561.5	564.6	579.9
	218	424.9	433.3	434.9	455.1	457.0	458.1	477.8	492.6	492.7	499.4
	219	421.4	422.7	425.1	439.0	442.8	444.0	461.6	469.9	476.7	485.4
	220	520.3	527.1	526.0	545.0	565.3	557.3	568.6	581.4	584.8	591.4

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
CBM	221	454.4	462.3	469.1	479.8	487.8	495.1	508.1	525.9	540.3	554.2
	222	528.9	539.0	547.6	566.3	569.6	573.6	586.5	607.2	612.2	622.9
	223	411.5	394.3	399.4	416.9	419.9	423.3	437.3	446.1	452.6	458.0
	224	459.1	470.3	471.5	495.4	498.3	504.2	515.1	527.4	530.5	538.1
	225	470.9	479.4	480.3	502.8	504.7	508.4	522.2	545.7	551.0	566.6
	226	503.1	515.1	518.2	533.0	551.1	559.0	564.8	572.3	589.0	590.2
	227	413.5	418.2	407.5	416.1	432.1	428.6	433.0	437.5	445.8	433.5
	228	523.4	532.7	543.6	564.9	578.7	593.7	593.5	610.6	621.1	626.6
	229	558.7	554.0	573.8	587.6	593.5	576.6	604.4	621.4	630.1	633.8
	230	450.8	454.0	458.7	467.0	474.1	477.9	485.4	494.1	497.7	508.3
	231	477.0	477.0	485.1	490.0	498.1	497.1	516.3	520.7	529.0	526.0
	232	457.6	460.1	463.9	471.2	479.2	487.7	494.1	504.2	501.8	510.3
	233	501.6	513.0	522.3	532.0	544.1	543.7	542.4	574.9	578.1	587.7
	234	624.8	641.1	643.7	672.2	688.4	688.0	695.4	724.3	736.0	740.8
	235	363.5	370.4	375.9	382.3	385.6	385.9	408.4	405.4	408.1	415.1
	236	521.9	533.9	555.3	571.0	582.2	604.2	623.1	635.1	642.4	624.5
	237	436.1	448.9	453.8	466.1	472.9	469.5	480.0	486.9	479.1	486.4
	238	505.1	513.2	510.3	524.8	543.7	533.6	545.5	550.7	545.9	558.0
	239	475.0	481.4	492.2	508.4	522.7	529.1	544.4	553.8	559.8	571.6
	240	563.5	573.3	583.9	597.2	605.2	613.9	625.7	638.5	640.9	648.2
	241	416.5	427.4	428.7	447.5	452.5	451.9	469.0	478.8	482.8	496.0
	242	503.3	511.0	514.3	521.7	528.3	522.7	517.4	532.6	523.6	543.4
	243	466.4	473.7	483.5	498.2	512.5	515.2	518.2	517.7	538.5	554.0
	244	427.3	438.9	444.7	452.6	460.3	456.1	473.3	482.6	483.1	482.3
	245	507.0	520.1	523.3	546.7	560.1	560.2	578.9	583.8	585.5	589.7
	246	452.7	459.9	460.6	482.8	492.7	492.6	502.1	515.7	529.7	536.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
CBM	247	472.7	476.0	482.3	494.4	507.0	510.9	509.4	509.9	507.7	536.7
	248	416.4	419.1	424.7	431.7	438.5	453.6	462.2	475.0	476.9	483.9
	249	437.1	446.5	455.1	463.1	471.0	489.9	485.4	504.5	512.6	516.7
	250	465.0	479.1	482.7	493.3	498.2	495.0	490.3	505.0	514.9	522.6
	251	458.2	467.4	473.7	479.3	499.5	492.2	504.0	526.1	530.4	541.7
	252	386.8	392.6	394.5	399.5	409.2	401.9	414.1	417.6	421.6	430.8
	253	482.1	478.9	486.2	488.4	494.7	494.5	495.4	500.6	511.4	509.4
	254										
	255	450.1	323.5								
	256	537.8	545.4	559.6	566.9	574.8	582.2	570.4	573.1	581.5	594.6
	257	524.7	527.1	531.8	538.9	549.6	555.4	551.6	565.7	566.4	574.2
	258	594.7	586.5	590.5	604.6	618.8	621.7	632.2	641.5	648.6	658.6
	259	514.3	514.5	533.8	543.2	555.0	550.8	575.3	588.1	602.7	609.2
	260	404.9	413.8	419.8	417.7	382.8					
B0.2M	321	431.7	439.7	456.1	460.4	466.6	474.2	482.5	493.7	482.3	495.2
	322	500.3	505.5	524.1	532.4	538.8	551.4	565.8	567.4	574.6	585.6
	323	421.4	426.8	443.4	442.9	446.5	462.0	469.6	481.4	484.2	493.4
	324	442.2	453.5	453.9	464.0	469.5	479.5	492.8	503.1	507.5	521.1
	325	454.4	469.4	469.8	515.9	497.8	520.9	518.1	527.6	539.5	545.0
	326	488.5	512.5	509.3	478.9	520.9	503.4	539.2	545.3	554.6	558.6
	327	518.4	536.6	556.3	568.1	581.2	569.8	604.2	626.3	645.8	667.9
	328	392.2	398.7	408.1	413.8	428.8	436.8	440.4	444.7	457.4	459.0
	329	548.4	552.9	559.6	575.3	585.6	589.2	601.6	605.5	611.3	621.0
	330	450.1	460.6	474.6	477.3	495.4	500.7	507.3	513.5	526.7	531.8
	331	547.9	567.2	571.0	574.1	578.8	601.2	600.4	615.7	620.4	622.1
	332	518.1	530.2	539.1	556.7	559.9	555.1	519.4	482.1		

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
B0.2M	333	504.6	505.9	514.9	516.0	529.0	522.5	515.6	531.7	535.3	534.2
	334	456.3	468.5	475.8	490.1	508.0	508.1	510.4	524.9	540.8	541.7
	335	483.0	490.0	504.6	514.4	521.4	517.4	521.2	534.6	541.3	539.3
	336	436.8	446.0	458.9	466.7	480.5	480.9	493.8	489.8	507.3	513.9
	337	508.6	522.3	532.8	547.8	554.7	562.8	562.1	572.7	584.0	584.3
	338	444.0	445.3	456.4	468.0	472.2	477.9	490.3	493.2	504.2	507.2
	339	410.4	409.0	416.4	421.2	427.5	433.6	427.5	437.7	437.4	443.7
	340	448.3	455.1	477.6	479.6	487.4	495.0	519.0	537.1	548.7	554.7
	341	446.7	448.6	470.9	472.4	480.8	474.9	497.5	515.2	519.8	513.7
	342	424.9	436.6	444.4	451.8	459.6	463.8	468.7	478.0	480.9	484.4
	343	486.3	509.7	523.9	530.3	552.3	551.1	562.0	575.4	584.5	587.0
	344	550.7	566.9	585.3	597.1	623.8	619.7	637.7	656.3	662.9	666.9
	345	461.4	460.3	479.4	482.6	493.7	492.0	507.8	510.3	524.8	533.4
	346	465.4	478.8	489.5	498.9	511.5	520.0	531.4	546.6	553.3	555.8
	347	437.8	440.9	449.5	451.3	450.8	458.2	470.3	473.9	475.6	483.7
	348	469.5	479.6	481.6	506.1	522.3	519.7	534.5	548.2	560.1	559.3
	349	531.0	518.3	552.7	563.9	573.5	584.3	594.8	606.1	609.4	615.3
	350	399.7	410.6	416.0	424.3	426.7	426.0	442.1	445.4	447.9	449.4
	351	520.3	530.3	538.4	554.9	563.9	559.9	581.3	600.1	608.8	608.4
	352	623.6	641.2	658.2	681.2	696.7	705.6	714.6	734.9	745.4	755.6
	353	479.8	475.9	490.0	512.4	510.6	512.0	543.0	558.0	563.2	565.2
	354	487.0	490.6	492.5	492.6	503.9	494.4	505.7	514.5	512.3	520.2
	355	452.0	453.7	465.0	479.2	490.6	506.6	505.8	516.9	523.3	528.8
	356	509.7	501.5	506.4	528.2	530.1	527.8	545.0	552.0	549.4	554.7
	357	378.1	383.5	393.0	403.5	404.3	402.5	423.8	430.8	429.6	438.9
	358	473.7	477.9	481.8	489.2	496.6	487.0	504.5	509.1	512.9	511.4

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
B0.2M	359	483.9	484.6	502.8	509.4	518.9	511.0	527.7	543.8	549.4	554.8
	360	463.5	468.4	481.9	493.7	503.9	511.9	517.3	524.9	535.0	536.3
	361	400.7	411.5	420.3	429.2	435.1	436.3	446.7	446.4	453.0	458.2
	362	486.4	489.7	504.5	518.4	524.5	530.3	550.0	554.2	562.0	566.9
	363	578.7	584.1	567.1	517.9	469.0					
	364	455.4	468.8	481.1	491.1	498.0	488.4	492.8	490.7	508.2	516.1
	365	509.2	517.1	530.5	554.6	562.9	560.3	570.9	582.5	587.0	598.0
	366	439.4	443.4	446.3	449.0	458.1	451.1	466.3	473.5	476.4	480.2
	367	538.6	548.2	560.1	576.8	582.7	576.6	603.6	618.6	619.0	628.1
	368	486.1	498.7	510.8	521.1	535.0	535.7	549.1	551.4	557.9	570.0
	369	451.9	460.1	468.8	472.0	482.9	483.3	487.7	502.8	500.4	503.6
	370	549.4	571.5	575.0	592.8	600.3	594.8	611.2	631.8	646.2	645.1
	371	464.6	468.8	473.5	484.9	500.3	499.8	516.9	531.0	529.4	530.1
	372	431.7	437.2	448.6	464.4	466.6	463.3	482.4	492.1	492.1	495.3
	373	428.0	470.4	470.4	474.6	480.4	492.2	497.3	492.4	496.2	502.0
	374	442.0	469.4	464.7	468.8	470.3	482.9	490.6	495.9	500.1	507.3
	375	463.0	474.6	476.6	496.2	511.5	519.4	536.5	544.0	548.3	556.6
	376	474.9	485.6	484.1	505.8	514.2	516.9	530.7	536.2	551.3	561.5
	377	520.3	523.2	496.6	538.4	566.6	577.3	595.8	616.9	615.9	632.8
	378	480.4	493.0	451.0	501.2	510.9	510.1	527.8	538.1	540.8	547.2
	379	452.0	486.1	492.3	502.9	515.7	520.9	531.9	540.1	541.7	545.1
	380	477.1	458.8	460.0	466.8	473.4	478.6	482.5	494.3	495.0	494.9
B2M	421	433.7	431.7	442.2	433.7	447.6	434.7	450.2	461.7	458.0	454.4
	422	454.6	466.8	472.1	481.7	480.9	488.5	498.5	505.7	521.3	517.4
	423	416.6	418.7	422.6	422.5	429.0	441.6	457.9	448.1	457.0	451.4
	424	390.3	387.8	389.2	387.9						

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
B2M	425	472.2	461.2	466.2	469.9	495.1	488.2	503.4	508.5	490.3	516.1
	426	453.6	466.3	460.1	457.0	474.9	469.6	504.0	487.0	512.0	492.4
	427	459.8	469.0	481.4	486.4	497.3	492.6	507.3	521.7	530.9	538.6
	428	423.5	424.0	428.0	441.4	447.0	450.4	465.8	470.0	476.3	481.8
	429	479.3	469.2	479.4	485.1	486.5	480.7	493.8	513.2	515.4	530.1
	430	475.2	483.4	488.0	494.6	505.0	505.7	511.6	517.3	525.3	521.3
	431	415.8	411.5	424.2	429.0	439.2	440.1	445.4	441.0	458.5	467.1
	432	509.8	506.0	518.5	519.2	535.6	545.7	569.5	551.9	571.2	573.1
	433	427.5	429.1	440.3	440.0	451.3	458.1	462.1	476.5	470.0	473.9
	434	404.7	407.4	417.5	424.8	440.6	438.7	442.9	452.7	457.4	455.2
	435	420.3	426.1	433.2	444.4	438.2	444.1	448.1	457.3	459.7	470.9
	436	554.5	556.7	572.5	579.6	581.1	581.6	569.2	512.6	425.9	331.8
	437	447.1	452.1	461.7	467.9	480.6	461.4	461.9	462.7	466.3	470.5
	438	518.8	510.0	531.2	543.5	549.2	547.1	558.9	567.2	567.1	572.7
	439	493.7	499.0	508.3	508.7	525.7	530.1	542.4	550.2	549.1	554.0
	440	421.5	424.3	437.2	448.6	453.3	459.3	466.8	475.6	470.7	478.9
	441	394.2	389.5	403.6	399.5	413.3	407.9	424.5	433.7	436.1	441.8
	442	479.2	479.4	498.6	493.7	515.8	523.8	543.3	550.3	549.6	546.1
	443	499.0	489.9	504.8	537.6	550.6	561.6	585.8	610.0	615.5	628.5
	444	434.9	436.9	454.8	459.8	481.3	486.8	499.8	512.9	520.1	516.2
	445										
	446	482.4	476.3	494.1	499.6	509.1	512.7	481.0	518.6	520.8	522.0
	447	504.0	521.0	524.7	529.6	546.6	539.3	552.4	566.5	571.8	579.0
	448	505.0	512.5	526.5	535.5	533.5	552.8	567.4	574.3	565.1	572.6
	449	369.8	371.6	388.5	393.2	393.9	399.5	396.2	405.9	401.7	408.0
	450	419.4	413.0	424.8	432.0	431.2	420.1	434.7	441.4	440.9	435.4

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
B2M	451	486.3	487.7	502.4	496.6	513.8	525.2	522.7	532.7	523.1	533.1
	452	406.0	403.8	413.5	406.4	421.5	420.3	427.1	430.2	436.2	436.8
	453	377.4	380.1	380.4	385.1	389.1	403.3	410.5	420.7	420.6	421.9
	454	459.9	465.6	476.3	479.2	496.7	499.5	508.3	524.1	533.3	547.5
	455	447.9	460.1	449.0	476.5	478.2	488.7	498.7	508.4	502.3	505.8
	456	464.2	461.9	470.7	473.4	484.2	479.0	494.5	515.0	520.7	530.0
	457	410.7	416.6	434.1	435.7	439.0	442.1	454.2	464.6	467.9	478.3
	458	482.0	486.0	500.8	500.7	514.8	515.5	523.7	532.8	543.6	545.3
	459	417.4	415.2	418.6	432.5	439.0	434.8	439.9	454.7	453.6	465.5
	460	421.0	423.4	436.4	440.4	441.4	449.0	456.5	461.3	462.9	464.2
	461	482.7	484.4	502.0	508.8	515.6	506.1	528.9	538.8	539.3	543.7
	462	413.8	411.1	427.0	417.5	428.5	427.6	434.8	445.0	447.0	454.1
	463	365.9	362.0	371.2	368.6	376.8	393.0	386.7	406.1	402.5	410.5
	464	452.8	439.9	454.4	464.6	466.3	476.1	492.4	505.8	508.3	516.0
	465	467.2	467.5	461.6	472.0	504.0	494.0	512.3	521.9	525.6	531.2
	466	429.3	452.4	481.0	484.4	480.2	483.6	492.9	487.1	491.8	501.0
	467	487.1	488.4	502.9	505.7	512.9	521.7	515.0	535.9	541.0	550.2
	468	427.0	429.6	438.5	455.0	462.3	463.0	482.0	467.7	471.0	484.3
	469	448.7	440.7	453.8	473.5	477.6	462.1	490.0	501.1	501.0	516.2
	470	463.6	460.8	465.0	465.8	485.0	465.3	498.3	504.3	504.1	521.9
	471	396.9	379.5								
	472	451.1	457.6	466.9	474.9	485.4	491.8	499.4	474.7	404.0	311.9
	473	459.9	465.9	486.7	475.8	478.0	499.0	505.8	514.3	513.1	524.4
	474	468.4	446.8	471.5	491.6	498.1	484.6	513.4	528.0	517.3	522.3
	475	428.0	429.3	425.2	457.2	466.2	461.9	476.1	486.5	487.2	498.4
	476	479.9	474.0	473.5	500.1	507.2	517.0	502.5	511.6	527.3	529.9

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
B2M	477	393.4	415.9	405.4	431.2	443.9	460.4	467.6	486.5	497.6	518.5
	478	359.8	359.8	363.8	371.0	371.1	379.0	387.3	399.7	400.1	406.6
	479	385.6	386.7	397.0	403.4	409.3	406.4	420.9	427.0	429.7	434.8
	480	492.2	487.3	502.9	508.5	515.7	513.4	522.6	524.1	527.7	535.4
B5M	521	420.8	427.2	436.4	440.4	487.9	448.7	460.7	467.2	471.7	477.5
	522	462.8	464.7	469.4	479.8	445.2	483.4	500.1	505.5	507.9	506.1
	523	383.9	392.5	398.1	400.1	405.8	406.8	410.6	406.6	415.8	418.4
	524	466.9	476.0	492.9	497.8	496.8	492.1	502.5	522.4	524.7	532.5
	525	343.3	351.5	354.6	355.2	357.9	362.2	364.9	364.8	359.0	367.5
	526	402.0	417.1	409.5	421.8	431.7	429.8	437.0	445.9	437.0	444.5
	527	382.0	396.8	409.1	409.4	404.0	415.0	425.9	433.1	429.4	435.8
	528	389.1	395.1	401.9	406.4	409.3	421.1	430.6	434.0	432.9	439.1
	529	438.0	449.6	455.2	458.2	460.6	465.5	478.5	483.8	473.5	464.4
	530	391.7	401.2	410.4	412.6	418.2	425.4	438.6	442.5	433.5	370.9
	531	480.0	493.0	498.7	511.1	509.5	522.6	533.0	542.4	543.1	552.3
	532	435.2	444.3	463.5	460.1	471.4	473.4	480.2	487.6	489.0	479.0
	533	428.6	444.6	456.4	462.0	455.4	461.0	471.1	481.1	482.7	477.3
	534	392.4	397.1	412.0	416.6	421.6	418.9	430.1	440.7	439.0	444.5
	535	396.7	407.3	411.6	408.8	411.6	416.0	427.1	430.9	435.2	433.0
	536	397.6	402.3	414.9	418.0	418.8	415.5	420.7	428.7	437.8	437.8
	537	371.5	383.7	393.9	392.2	399.9	400.1	408.5	418.0	412.3	415.9
	538	431.2	440.3	446.1	452.1	463.2	464.5	465.3	476.8	477.6	489.3
	539	420.5	428.2	430.8	430.7	430.8	441.8	449.0	450.3	451.8	454.7
	540	465.7	472.4	493.1	499.6	490.6	481.1	500.5	513.8	517.0	518.6
	541	438.9	459.5	470.9	477.2	482.8	469.6	501.1	515.5	513.3	519.3

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
B5M	542	440.7	445.1	456.8	464.3	463.4	464.9	470.9	464.7	469.0	463.0
	543	415.4	437.0	440.7	453.8	452.3	447.2	461.1	463.9	468.4	474.9
	544	435.7	448.7	449.6	465.1	471.1	461.8	480.9	487.0	482.4	481.0
	545	412.7	422.2	433.4	432.6	437.2	442.6	448.3	458.2	461.5	465.4
	546	459.0	463.6	475.3	482.3	485.9	482.9	493.1	498.0	493.3	498.3
	547	445.4	439.7	450.4	451.1	454.3	450.1	453.9	465.5	464.5	472.8
	548	432.0	441.7	448.2	447.4	451.7	445.2	451.1	461.0	454.1	459.5
	549	387.2	389.9	386.6	395.3	399.1	390.0	402.9	414.7	410.6	414.7
	550	545.0	554.7	564.4	564.6	563.6	555.0	559.5	578.0	573.7	584.4
	551	389.6	391.7	395.9	407.1	411.6	400.0	417.4	424.0	427.5	434.7
	552	517.9	519.1	519.1	528.9	528.8	510.2	533.9	549.2	551.8	544.7
	553	399.7	409.9	414.4	419.0	424.3	417.6	433.6	442.1	444.1	451.2
	554	434.9	439.5	456.0	470.0	475.4	480.1	499.7	507.6	513.5	516.6
	555	393.0	405.4	409.3	407.8	403.3	415.7	431.7	447.1	445.4	451.7
	556	421.1	425.2	437.8	441.9	439.1	451.2	462.3	471.1	465.9	477.1
	557	400.1	404.6	415.5	428.7	416.6	425.4	442.8	446.5	448.8	453.1
	558	391.4	397.1	405.3	413.4	410.7	416.9	422.6	420.5	433.0	440.6
	559	482.2	489.7	493.6	499.0	504.6	504.6	517.0	520.2	525.2	519.7
	560	329.8	338.7	334.2	341.6	344.4	341.9	344.2	357.2	361.9	365.5
	561	449.0	449.9	459.9	462.9	435.3	453.4	469.1	479.7	456.1	472.8
	562	434.3	443.7	453.3	452.7	444.6	467.4	481.1	479.2	483.5	487.1
	563	399.6	406.7	411.6	419.3	423.9	436.3	433.2	445.5	449.3	437.5
	564	389.2	381.4	387.1	390.7	390.8	399.9	409.6	412.9	414.2	407.3
	565	495.4	490.3	504.9	510.6	509.2	510.0	530.1	540.3	536.5	541.5
	566	436.1	430.8	441.6	443.5	443.9	444.3	459.8	469.6	472.4	467.4

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
B5M	567	422.5	424.3	426.0	439.5	444.9	445.2	450.5	458.3	467.8	470.6
	568	425.8	420.0	432.1	441.8	437.8	435.2	450.6	456.8	457.0	445.9
	569	448.0	453.7	458.2	461.6	465.8	464.3	476.0	483.2	477.9	484.6
	570	543.4	538.2	551.7	552.0	560.6	566.8	582.0	578.8	595.9	591.6
	571	419.9	422.6	426.2	426.4	428.3	422.4	434.0	442.7	451.3	455.3
	572	447.5	458.9	460.8	471.5	473.9	473.3	493.3	497.4	501.7	500.5
	573	402.3	403.7	410.5	417.2	417.6	389.3	424.1	438.9	439.7	449.5
	574	416.4	421.7	427.5	426.3	425.1	397.5	440.8	453.5	450.1	455.6
	575	456.0	448.0	443.7	451.6	459.1	460.8	471.1	470.9	479.6	476.8
	576	438.4	452.9	459.7	462.0	468.3	462.1	476.7	487.7	484.6	481.7
	577	440.5	436.2	446.2	457.8	464.0	473.8	481.5	494.5	503.3	508.1
	578	483.8	479.1	471.9	490.6	493.8	497.6	506.3	512.9	510.0	515.2
	579	422.5	420.3	419.1	418.4	431.5	428.8	426.4	431.4	433.1	399.7
	580	450.2	454.3	458.7	470.1	483.3	474.0	481.2	486.3	494.4	493.8
E0.2M	621	457.2	454.8	480.3	475.1	476.6	492.5	517.6	525.0	527.8	540.1
	622	536.8	528.9	561.6	561.1	566.1	562.6	589.3	590.7	596.2	598.8
	623	453.8	459.4	466.6	468.5	464.2	471.1	488.2	502.8	516.3	512.5
	624	480.7	493.4	509.0	519.7	518.0	538.0	553.5	562.0	567.1	576.3
	625	414.1	464.0	469.8	484.4	495.9	498.8	509.4	511.8	493.2	333.0
	626	404.1	435.6	443.1	461.2	465.7	470.6	484.1	488.2	504.3	507.0
	627	454.9	471.1	489.2	494.5	503.2	507.9	518.7	527.5	540.6	549.3
	628	461.6	475.3	482.4	487.0	497.5	502.8	511.6	523.0	511.6	533.6
	629	558.4	574.0	591.7	588.4	613.6	609.6	617.7	619.6	628.2	643.8
	630	501.1	517.6	525.2	529.3	554.0	545.6	563.5	576.3	586.5	592.6
	631	529.6	528.2	529.0	527.5	525.5	520.3	541.6	557.6	576.2	576.1
	632	398.0	405.2	411.7	416.3	436.7	427.9	437.5	449.3	457.5	460.8

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
E0.2M	633	472.3	479.0	489.4	492.4	511.1	516.1	530.5	531.3	536.6	543.2
	634	511.1	521.0	532.3	538.3	545.9	552.9	574.2	584.0	590.5	598.0
	635	471.0	489.8	498.1	504.6	516.0	521.1	525.4	530.0	534.5	543.1
	636	470.7	484.8	498.7	498.6	513.4	538.4	530.0	552.8	561.6	568.4
	637	415.1	426.9	440.0	440.9	447.1	441.2	457.1	464.1	465.7	473.6
	638	551.5	555.7	569.2	565.8	561.5	567.0	574.5	581.6	585.5	568.2
	639	415.7	422.7	433.6	435.7	443.9	438.6	448.6	441.5	457.2	462.5
	640	495.2	513.9	520.3	527.1	535.4	540.0	556.1	560.3	568.7	569.3
	641	469.8	478.2	496.2	498.2	518.9	528.1	546.6	564.9	570.4	583.3
	642	496.9	508.7	526.5	521.2	527.1	539.0	555.1	569.5	582.2	586.4
	643	471.8	484.5	488.6	492.1	493.7	500.0	509.7	505.5	509.4	511.0
	644	484.9	496.4	503.2	512.5	523.2	525.2	538.9	539.2	550.7	551.2
	645	336.9	344.3	351.0	355.8	357.1	356.8	361.0	365.2	374.8	372.0
	646	477.0	483.5	503.3	493.1	470.0	419.7				
	647	515.8	524.3	541.2	553.2	570.2	572.6	584.5	588.7	596.4	598.0
	648	443.0	449.7	463.8	472.1	480.7	488.6	480.9	491.9	506.4	497.8
	649	436.6	436.7	451.7	469.6	483.1	482.5	499.6	507.2	508.6	517.4
	650	489.7	495.8	511.0	509.9	515.1	508.7	528.5	540.3	542.1	547.5
	651	425.7	431.4	451.9	468.2	471.6	486.5	491.8	499.1	510.2	522.4
	652	546.6	542.5	564.4	578.8	591.1	591.9	602.7	619.3	621.5	627.8
	653	420.9	421.2	433.3	440.9	442.6	449.6	451.7	456.1	459.8	466.4
	654	479.3	487.5	503.0	512.3	521.9	531.7	541.0	548.6	562.1	567.2
	655	440.1	475.6	473.1	480.2	492.4	488.6	504.5	515.2	499.7	520.3
	656	425.9	448.8	456.3	463.0	462.2	465.5	486.7	497.0	502.9	484.0
	657	531.0	549.1	566.3	578.0	575.3	577.4	597.5	617.1	628.8	639.3
	658	468.0	484.5	493.9	506.3	510.1	518.1	538.4	554.0	563.8	576.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
E0.2M	659	478.0	487.3	500.0	504.6	517.7	516.2	527.4	542.6	548.3	557.4
	660	466.0	473.4	481.4	486.9	497.3	491.5	510.8	516.7	522.5	521.8
	661	505.2	518.2	523.4	536.1	538.3	544.1	555.7	501.4	570.5	572.3
	662										
	663	487.3	495.8	514.0	527.8	536.4	544.1	551.4	556.7	578.8	587.0
	664	490.4	488.9	508.2	525.0	527.5	529.7	544.5	557.7	568.9	569.8
	665	441.9	447.0	453.8	459.5	468.8	465.7	464.0	474.9	472.4	478.4
	666	441.6	455.2	453.5	459.6	472.3	473.8	482.5	493.8	490.0	490.5
	667	480.0	486.6	494.8	505.2	514.7	529.1	525.2	528.0	524.5	520.3
	668	545.0	567.4	583.7	590.4	609.2	618.6	632.3	658.1	666.9	665.5
	669	444.8	446.7	454.9	461.3	473.5	482.7	484.3	497.5	499.5	510.6
	670	426.6	437.3	443.4	452.3	465.0	476.0	474.0	493.6	499.0	507.4
	671	514.5	526.9	539.7	560.1	578.4	588.4	599.6	626.2	633.9	638.1
	672	478.7	481.5	507.3	520.0	513.4	521.9	532.8	556.8	571.4	576.0
	673	410.6	427.5	435.6	448.0	459.7	475.1	491.7	485.7	489.9	499.8
	674	412.5	417.0	428.4	425.7	447.9	448.4	458.1	458.8	475.3	477.6
	675	439.5	488.2	477.6	495.7	475.1	439.5				
	676	483.9	443.5	448.8	455.7	473.9	474.4	481.4	489.9	496.8	503.2
	677	443.9	446.4	457.8	459.5	470.5	469.4	480.9	489.1	498.3	505.8
	678	477.4	476.2	493.9	479.3	491.2	489.6	497.2	504.2	512.6	504.0
	679	551.6	558.8	566.4	572.2	577.8	581.1	589.4	555.2	591.3	607.9
	680										
E2M	721	384.0	380.0	388.6	388.7	398.7	402.2	404.6	420.7	427.4	427.1
	722	423.3	434.9	445.6	445.9	457.7	458.0	456.3	468.1	486.1	482.0
	723	467.6	472.1	481.5	471.8	493.0	481.8	489.0	498.9	508.2	510.8
	724	403.6	411.8	417.1	426.1	431.2	439.7	452.7	457.9	465.6	469.6

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
E2M	725	397.4	402.4	407.3	400.1	417.3	415.7	429.2	437.4	446.2	401.1
	726	371.6	381.2	376.4	382.6	394.6	389.8	393.8	403.6	409.0	362.0
	727	445.4	450.1	450.4	445.0	462.9	469.6	484.3	501.7	514.5	518.7
	728	520.4	526.9	528.5	538.8	546.8	545.9	554.8	559.4	570.0	570.4
	729	428.3	434.7	434.7	465.6	447.4	442.9	450.2	460.0	460.7	458.7
	730	447.4	454.3	460.5	466.2	484.2	462.4	487.7	503.0	506.6	508.6
	731	454.4	461.6	470.5	471.5	477.9	485.5	494.7	504.8	504.0	506.3
	732	470.7	477.5	488.2	495.5	507.2	506.7	527.4	541.5	550.9	560.5
	733	514.4	523.5	535.9	536.6	553.9	550.0	565.2	573.5	587.2	577.7
	734	503.4	515.8	529.0	529.0	543.4	549.1	552.4	557.9	566.3	567.2
	735	426.1	432.8	438.0	449.1	457.3	471.0	468.9	477.3	486.7	490.0
	736	518.5	528.8	520.4	534.7	547.4	544.6	562.0	569.7	564.1	582.0
	737	436.2	443.3	454.0	456.5	473.3	485.7	488.8	494.9	508.8	507.9
	738	506.2	515.7	526.9	527.3	539.6	535.2	549.0	558.7	556.0	564.9
	739	449.5	462.2	468.1	461.3	471.7	471.5	481.5	493.1	504.2	505.8
	740	440.4	441.8	452.8	452.9	468.9	471.2	473.0	486.4	486.1	492.3
	741	453.8	461.6	464.3	482.6	490.0	498.5	508.4	518.9	533.3	529.6
	742	388.7	385.2	389.5	399.9	406.4	409.8	418.0	420.1	427.5	423.4
	743	497.3	502.6	497.0	493.0	506.9	506.4	506.5	486.3	487.1	444.3
	744	398.2	394.5	409.1	398.9	416.2	415.6	421.2	434.5	442.6	437.9
	745	395.2	391.3	402.0	393.4	403.8	404.2	409.9	420.3	424.7	419.0
	746	465.3	472.4	486.8	488.3	501.9	511.9	517.0	521.0	532.0	539.2
	747	396.8	404.0	399.9	393.7	412.0	410.8	417.1	416.5	415.0	421.7
	748	468.7	475.9	477.1	481.7	491.1	494.4	508.8	501.8	504.1	498.0
	749	387.3	398.7	402.7	407.6	412.8	419.9	426.1	428.4	419.7	418.9
	750	411.7	419.5	424.9	426.8	435.0	440.7	448.4	455.2	459.2	464.3

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
E2M	751	459.2	472.5	486.0	478.6	495.4	501.5	508.6	519.0	522.6	528.6
	752	474.1	481.1	502.2	509.5	519.4	532.7	535.8	552.8	568.8	564.8
	753	449.7	456.7	466.3	471.2	481.5	485.9	500.0	503.0	505.0	506.7
	754	535.4	531.5	516.2	501.7	520.6	518.3	549.7	563.1	558.6	517.0
	755	447.5	456.6	456.7	459.2	479.5	488.2	496.3	508.7	514.9	525.9
	756	445.5	444.2	465.9	464.3	474.7	484.8	497.5	514.2	522.9	517.4
	757	490.5	501.2	526.0	537.1	541.4	551.5	546.2	570.4	582.3	583.8
	758	457.6	468.6	474.0	486.9	495.3	505.1	505.3	513.7	526.2	518.3
	759	433.0	447.7	444.4	449.1	466.5	470.7	477.7	491.5	489.1	494.1
	760	428.1	432.8	440.5	440.5	450.1	453.6	457.7	468.8	472.8	470.9
	761	428.1	436.4	435.7	441.6	447.1	442.9	454.0	459.1	460.3	457.4
	762	370.7	385.7	383.1	384.2	396.6	405.7	410.2	414.1	411.7	419.1
	763	369.8	382.1	389.2	389.6	396.1	397.9	405.4	412.2	411.5	415.9
	764	467.8	471.2	489.1	495.4	507.7	527.9	536.9	545.8	560.2	563.6
	765	461.0	468.9	481.0	475.3	489.8	487.0	500.2	507.1	513.9	503.4
	766	390.7	395.5	400.0	403.2	401.2	410.3	410.5	416.5	419.6	408.3
	767	452.2	460.1	466.1	444.8	478.3	474.9	495.8	480.7		
	768	406.6	407.9	407.7	408.8	410.3	421.9	416.3	406.7	428.6	420.9
	769	455.8	467.7	479.0	477.4	496.6	493.1	505.4	519.7	533.7	540.7
	770	432.5	437.7	442.8	442.9	459.2	464.6	470.5	482.0	480.3	483.8
	771	482.1	490.0	498.7	501.0	507.9	507.5	518.3	528.8	528.1	527.9
	772	526.0	540.4	546.3	546.0	558.4	556.9	563.0	582.4	573.6	578.8
	773	408.3	406.6	420.7	420.6	433.0	433.5	438.8	444.9	436.5	450.6
	774	403.1	415.4	407.7	408.6	419.7	430.7	430.4	432.7	448.3	437.0
	775	427.2	453.1	467.0	460.6	471.5	476.8	462.5	481.5	486.2	489.5
	776	415.3	432.6	440.6	444.2	454.4	452.5	471.3	468.2	464.0	466.3

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
E2M	777	381.7	387.5	396.5	393.0	408.7	404.6	419.9	426.0	427.5	433.2
	778	480.3	484.0	503.5	491.3	507.2	506.3	503.7	512.6	503.9	524.8
	779	441.0	455.3	461.3	469.0	485.1	485.6	488.6	501.4	504.1	504.2
	780	498.1	519.4	513.6	522.9	540.8	540.1	561.6	568.6	574.4	579.8
E5M	821	481.8	439.9	485.8	492.0	492.6	505.3	513.5	530.7	535.1	547.8
	822	481.6	412.0	429.1	432.1	436.1	446.1	450.9	457.4	456.0	462.1
	823	407.2	420.3	431.7	431.6	443.9	453.7	459.1	462.7	456.4	470.2
	824	422.9	427.1	432.7	442.7	444.3	438.6	459.3	465.7	456.4	471.2
	825	401.9	404.5	406.3	414.3	420.6	418.6	426.3	433.6	435.9	445.2
	826	390.7	391.0	401.1	405.8	411.1	414.1	421.8	428.2	426.8	427.0
	827	395.6	400.0	403.1	402.8	412.9	420.8	421.3	425.3	425.6	424.1
	828	421.8	427.6	429.6	433.8	435.2	441.3	446.9	453.2	451.1	442.6
	829	502.9	497.4	495.4	507.2	508.8					
	830	400.3	401.4	406.9	410.0	418.7	423.0	427.6	433.2	430.7	431.9
	831	351.6	355.7	347.8	363.0	365.8	369.7	373.2	381.9	370.7	378.6
	832	403.9	419.0	424.6	429.9	439.4	429.0	437.9	458.7	451.2	450.3
	833	478.0	493.2	494.5	491.9	494.1	498.9	509.0	516.6	510.4	517.7
	834	366.2	368.7	375.3	377.8	385.4	385.4	395.5	410.4	398.5	408.6
	835	398.1	402.2	412.6	417.5	423.4	428.6	437.1	439.0	440.8	439.7
	836	372.7	374.0	377.8	373.4	381.8	380.9	385.4	385.8	386.9	388.9
	837	464.6	478.3	480.7	487.9	498.1	491.6	508.8	464.1	515.8	511.6
	838	408.7	407.5	419.7	424.7	434.2	440.6	452.4	413.7	471.6	473.3
	839	402.2	410.3	414.5	413.3	425.3	417.1	432.9	431.5	430.1	428.7
	840	386.6	388.4	396.8	401.7	402.1	406.6	413.2	415.8	420.0	424.1
	841	415.8	414.0	419.4	428.4	427.7	398.4	426.0	440.5	443.7	445.5
	842	453.8	458.0	467.0	464.2	474.8	455.2	478.6	490.0	482.6	496.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
E5M	843	402.2	397.4	409.5	406.8	419.9	419.4	428.3	435.9	440.7	451.7
	844	392.2	398.6	406.0	413.1	421.1	419.1	432.1	443.6	447.4	445.8
	845	458.0	457.6	466.0	476.6	479.7	484.2	487.2	489.1	493.5	494.9
	846	424.5	430.6	436.9	439.9	453.0	459.5	461.7	468.5	469.3	472.2
	847	369.9	376.2	385.0	389.3	399.3	399.3	401.0	416.9	408.8	415.1
	848	450.0	450.9	463.1	466.4	478.7	482.6	487.4	471.8	459.0	459.4
	849	451.1	453.2	462.9	460.6	467.7	476.2	481.4	485.9	486.0	494.7
	850	406.6	416.7	426.7	432.1	438.7	442.5	447.2	463.6	463.8	443.0
	851	408.1	417.7	430.4	429.4	437.7	430.9	440.7	454.9	451.4	456.5
	852	433.4	442.1	453.4	453.1	458.5	458.2	470.0	479.4	481.9	477.7
	853	410.3	408.6	429.2	430.5	436.0	436.9	453.9	457.6	448.1	460.5
	854	423.2	425.8	434.5	434.3	447.4	446.2	447.4	441.8	435.0	439.0
	855	429.6	436.6	441.6	440.0	445.4	432.3	440.1	455.8	447.1	452.5
	856	434.1	441.2	439.9	447.6	455.9	454.2	465.3	469.6	474.0	477.8
	857	494.4	509.5	511.6	517.7	528.1	529.6	527.2	527.2	538.9	544.8
	858	418.3	426.5	425.7	436.1	440.9	398.6				
	859	401.3	415.7	415.2	452.5	426.6	427.1	426.2	435.8	436.1	438.6
	860	437.5	445.8	450.3	419.4	460.9	452.9	463.7	486.5	482.6	487.7
	861	494.9	510.3	516.6	521.0	526.7	531.2	535.4	541.4	530.5	538.8
	862	439.9	449.1	455.1	460.7	463.5	473.3	490.8	496.3	505.1	504.9
	863	426.1	442.8	447.7	453.1	465.4	467.9	468.6	474.7	475.7	479.3
	864	393.0	405.1	411.4	407.1	418.3	418.2	428.8	436.2	440.3	444.9
	865	431.7	439.5	443.3	444.9	448.8	442.0	452.4	468.2	466.4	461.8
	866	458.3	468.9	474.2	477.7	484.0	482.4	489.0	494.3	493.4	491.4
	867	421.2	420.7	422.9	418.6	436.2	438.4	436.1	443.1	443.8	445.4
	868	458.1	468.4	465.2	473.6	486.7	487.1	497.3	491.4	477.3	473.0

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
E5M	869	399.4	398.6	397.5	403.2	407.8	412.8	414.6	416.9	417.3	416.9
	870	362.3	363.8	369.9	375.1	382.9	387.7	393.0	391.7	389.7	396.4
	871	440.7	459.4	456.9	461.4	471.3	462.9	477.7	487.7	471.0	489.4
	872	380.6	397.9	400.0	401.7	405.1	408.4	405.3	418.2	411.1	420.6
	873	391.7	398.6	404.5	406.3	414.7	417.9	423.3	431.1	442.8	441.8
	874	382.3	388.2	383.9	385.0	397.8	397.6	404.0	412.7	399.5	411.6
	875	486.2	487.0	495.6	503.3	506.7	510.2	521.4	533.5	532.4	537.1
	876	454.5	453.2	463.2	472.1	473.4	485.7	492.2	506.7	497.7	483.9
	877	441.1	454.6	462.4	419.9	464.2	467.0	483.8	492.2	485.7	493.0
	878	539.9	555.3	558.8	544.8	554.3	564.4	579.8	595.0	596.2	603.2
	879	476.0	488.0	496.9	509.5	515.7	521.7	521.5	537.3	523.1	528.7
	880	328.1	339.0	339.9	341.2	349.0	362.0	359.6	372.7	382.5	389.9

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
CM	121	620.8	629.6	642.5	650.7	660.0	657.3	677.3
	122	474.1	475.8	485.5	489.3	489.7	487.2	493.8
	123							
	124	593.3	593.6	584.2	586.8	602.5	609.1	605.5
	125	609.8	602.0	609.0	612.5	627.9	624.5	634.4
	126	538.1	539.8	549.3	550.9	559.6	558.2	563.9
	127	524.0	531.9	532.9	543.2	532.9	545.3	542.0
	128	552.9	555.9	560.9	571.1	569.1	592.6	594.4
	129	483.2	513.4	523.8	532.3	540.0	548.1	551.9
	130	596.7	639.1	665.7	675.9	685.2	698.5	704.1
	131	424.7	433.0	450.0	455.6	465.8	472.3	474.7
	132	527.7	531.8	532.8	540.1	545.0	459.3	383.9
	133	573.0	567.2	559.3	561.3	555.8	567.1	571.6
	134	479.0	371.0					
	135	542.2	539.9	549.8	557.1	559.7	569.8	570.6
	136	645.8	662.0	659.5	656.6	669.5	677.5	687.4
	137	485.6	490.5	498.6	504.8	512.5	515.8	521.5
	138	575.0	570.9	579.0	585.4	589.9	585.8	583.1
	139	590.8	595.8	608.6	624.2	626.0	627.3	601.5
	140							
	141	648.9	660.3	655.0	663.2	668.1	665.8	673.2
	142	533.5	536.8	541.5	543.6	546.2	557.8	557.6
	143	529.2	534.8	529.5	546.5	535.6	551.8	562.7
	144	655.6	657.6	658.5	694.2	695.5	720.7	677.5
	145	667.9	660.7	662.2	679.1	678.5	668.6	691.0
	146	540.9	541.0	542.6	557.3	572.6	586.6	586.7
	147	576.7	574.8	577.0	586.4	579.4	576.7	576.1

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
CM	148	528.8	534.7	514.7	412.6	308.5		
	149	613.1	633.4	629.6	651.7	661.5	663.0	677.5
	150	507.6	503.4	515.6	522.9	525.8	526.3	525.0
	151	630.8	641.4	634.4	634.0	649.3	652.4	648.1
	152	508.5	521.2	527.1	536.1	531.9	534.4	535.5
	153	396.7	407.6	409.4	406.5	417.7	416.2	410.6
	154	544.1	545.4	557.7	559.8	559.9	572.8	566.9
	155	507.9	507.3	512.3	519.5	519.5	519.9	532.7
	156	581.5	584.8	601.8	613.5	612.6	629.0	638.0
	157	489.7	491.0	474.0	485.0	487.3	493.2	473.3
	158	453.4	458.4	458.3	467.4	470.0	480.8	484.4
	159	535.1	541.5	544.2	546.1	558.0	560.0	574.2
	160	547.5	557.8	563.4	571.0	588.5	588.3	602.1
	161							
	162							
	163	603.4	619.2	630.1	639.0	653.1	651.6	656.1
	164							
	165	571.0	568.8	572.5	574.9	581.8	583.5	595.3
	166	601.8	602.0	607.5	633.2	628.8	633.4	629.5
	167	546.9	547.8	487.0	347.3			
	168	479.4	482.4	491.8	494.4	499.3	512.3	511.3
	169	551.5	552.3	551.3	560.6	555.6	539.2	552.2
	170	635.3	649.0	649.0	668.3	667.3	661.2	644.8
	171	604.2	599.2	611.8	607.3	601.4	603.5	609.0
	172	520.0	522.2	533.7	540.4	546.8	566.2	570.0
	173	562.6	569.3	565.1	562.9	582.2	582.7	558.5
	174	595.2	598.4	607.5	620.8	629.6	641.1	645.1

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
CM	175	573.4						
	176	541.6						
	177	523.2	550.3	554.4	567.7	563.2	578.1	580.5
	178	655.9	667.0	673.2	668.5	652.9	656.0	641.1
	179	590.0	596.2	611.3	607.3	619.4	618.0	624.9
	180	601.4	615.1	614.9	636.9	639.1	659.7	673.0
CBM	201	556.6	520.9	556.9	544.4	551.9	560.9	561.0
	202	591.6						
	203	549.8	553.0	555.3	543.3	538.4	524.7	517.0
	204	610.4	412.3					
	205	549.6	576.1	565.4	558.6	535.4		
	206	490.3	497.5	507.9	508.9	506.9	535.3	522.5
	207							
	208	684.3	686.1	688.3	696.7	711.8	697.4	706.6
	209	621.5	619.1	608.4	557.7	609.1	609.0	607.1
	210	565.7	567.5	574.1	520.5	573.8	582.3	589.8
	211	611.0	609.7	606.6	597.9	605.6	612.5	617.8
	212	608.4	613.9	621.1	621.4	626.9	640.3	634.4
	213	536.8	540.4	540.5	556.7	542.9	548.5	565.0
	214	621.8	629.5	635.3	652.8	651.9	668.6	668.0
	215	528.1	529.0	530.9	542.7	542.3	541.3	553.0
	216	614.3	622.8	632.4	627.9	616.5	587.8	528.1
	217	583.7	600.8	613.0	620.1	634.8	635.0	651.3
	218	502.6	495.0	507.0	500.8	510.3	507.4	520.3
	219	487.7	482.7	483.3	492.0	501.2	501.5	508.5
	220	604.9	593.9	588.1	588.9	586.0	590.3	464.1

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
CBM	221	556.5	548.9	519.2				
	222	637.7	632.5	640.9	631.0	632.4	638.5	630.1
	223	462.5	465.8	486.4	522.2	559.9	603.5	643.2
	224	543.3	548.3	543.3	558.8	569.7	573.4	590.4
	225	582.9	583.9	601.8	599.3	609.7	623.4	638.2
	226	593.7	570.8	587.9	587.2	591.3	596.4	600.6
	227	447.7	451.5	455.3	459.3	457.7	453.7	466.1
	228	647.7	653.0	672.2	673.9	675.1	497.5	
	229	639.4	639.1	642.8	653.2	653.7	664.6	675.2
	230	506.7	507.0	517.3	518.6	519.8	514.0	510.2
	231	542.0	540.7	541.6	548.1	556.8	562.1	556.7
	232	512.3	509.9	522.5	529.0	526.7	533.4	528.7
	233	586.1	597.0	589.2	596.1	594.9	601.4	604.8
	234	741.5	752.3	747.7	766.4	777.8	798.9	799.4
	235	415.7	419.6	410.9	415.5	407.0	407.0	400.9
	236							
	237	481.6	488.3	455.6	474.6	465.8	473.3	473.7
	238	574.0	560.2	542.7	566.0	579.2	571.2	595.5
	239	572.6	577.2	580.1	582.9	574.1	558.6	542.1
	240	654.3	613.0	548.2	514.1	473.6	423.9	
	241	498.1	499.3	496.1	487.9	450.5		
	242	540.2	481.0					
	243	557.0	562.4	566.8	536.7	490.1	470.8	494.6
	244	498.2	501.7	500.9	516.7	499.0	467.7	424.9
	245	585.1	602.0	604.6	618.5	613.9	617.3	598.1
	246	544.6	548.6	560.0	572.2	577.5	567.4	568.9
	247	528.7	529.9	541.9	543.6	542.6	551.7	558.7

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
CBM	248	489.3	491.8	498.9	487.5	511.9	525.9	521.6
	249	525.3	525.0	534.0	544.4	548.0	557.5	566.8
	250	523.7	521.4	523.4	523.6	530.7	525.5	528.3
	251	541.4	546.6	563.4	569.2	580.2	575.9	589.8
	252	426.3	425.4	432.7	430.3	437.1	441.3	444.4
	253	512.0	507.9	507.9	515.8	516.1	499.9	489.4
	254							
	255							
	256	614.7	622.6	621.1	621.8	618.1	619.7	622.2
	257	579.2	581.7	585.7	564.5	426.7		
	258	667.5	670.6	664.2	622.5	675.8	669.3	662.6
	259	615.9	605.3	619.1	616.9	603.2	629.9	634.4
	260							
B0.2M	321	505.5	512.8	525.6	528.5	527.3	535.2	531.6
	322	587.6	587.5	605.5	609.0	608.1	566.9	441.6
	323	504.5	482.9	494.4	509.2	514.9	521.6	524.5
	324	521.0	493.9	515.6	525.2	533.5	544.8	547.0
	325	553.0	557.6	561.9	576.5	590.4	597.9	603.1
	326	567.6	562.3	577.3	576.4	586.3	582.2	597.6
	327	682.2	679.1	690.0	700.2	700.2	702.3	637.4
	328	459.1	462.7	470.5	473.7	484.7	486.1	490.2
	329	633.8	630.8	630.8	644.8	647.7	627.9	629.6
	330	536.4	537.0	545.3	557.5	567.5	573.7	584.9
	331	637.2	640.4	639.2	650.8	652.1	653.8	675.3
	332							
	333	540.5	537.2	542.5	554.3	546.8	552.6	555.7
	334	553.2	559.8	563.4	568.6	572.4	581.9	599.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
B0.2M	335	550.3	552.3	549.0	561.9	571.1	572.2	587.8
	336	511.6	513.4	507.4	503.6	504.4	506.0	509.4
	337	597.2	604.1	611.4	616.6	624.0	627.6	627.5
	338	510.0	514.1	522.5	519.7	531.4	533.3	530.1
	339	452.4	451.7	448.9	455.3	464.1	465.1	473.1
	340	565.9	557.2	569.1	579.7	589.9	593.7	571.2
	341	486.8	338.9					
	342	492.1	491.7	484.8	493.9	504.8	508.7	516.0
	343	596.2	604.0	603.7	616.0	631.7	639.8	638.0
	344	675.3	684.8	692.9	706.6	690.9	717.9	720.6
	345	545.1	551.4	552.8	569.1	563.0	565.5	572.6
	346	577.2	585.8	593.5	605.1	622.4	616.2	620.4
	347	492.1	484.5	412.4				
	348	555.3	560.3	576.3	569.1	572.1	576.3	590.8
	349							
	350	448.3	444.5	444.7	448.6	449.5	451.2	451.5
	351	604.0	596.1	590.6	585.5	574.2	573.6	576.0
	352	757.0	758.1	778.2	788.4	796.1	804.9	820.0
	353	564.5	568.8	517.9	580.5	557.9		
	354	520.9	520.3	568.0	522.6	515.8	490.1	393.3
	355	535.0	531.9	543.0	553.5	553.2	559.1	570.6
	356	557.4	561.4	563.1	574.5	574.0	566.4	561.8
	357	434.8	441.3	446.2	459.2	463.0	474.0	482.6
	358	514.3	513.1	516.9	519.1	525.7	530.8	535.3
	359	563.4	564.5	572.4	569.0	579.3	582.7	590.4
	360	540.5	542.5	548.2	553.3	567.7	568.5	578.6
	361	449.6	457.7	466.1	466.6	473.2	464.0	471.3

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
B0.2M	362	562.3	562.3	581.1	584.7	598.8	598.7	594.8
	363							
	364	523.4	523.3	518.6	519.6	525.2	528.6	500.1
	365	608.9	613.8	601.9	627.6	638.9	577.2	
	366	482.4	474.1	472.4	488.8	490.5	479.7	458.6
	367	636.8	641.3	562.5	640.3	648.8	628.2	661.1
	368	578.8	575.2	545.4	585.1	585.4	587.6	588.7
	369	505.0	511.1	519.9	524.6	522.3	531.3	533.9
	370	648.4	652.0	650.4	651.0	655.4	660.2	661.3
	371	538.3	554.9	562.9	570.5	587.3	588.1	605.3
	372	498.5	488.9	512.2	521.0	525.1	481.7	523.0
	373	496.0	491.4	495.6	508.3	501.0	501.6	513.2
	374	495.3	504.8	506.5	516.2	518.0	505.3	497.5
	375	565.3	572.2	569.9	575.2	587.6	594.9	593.1
	376	572.9	539.8					
	377	637.1	633.7	643.3	655.4	670.7	684.4	681.0
	378	550.3	554.3	556.6	567.5	573.3	575.7	572.9
	379	504.6	522.3	515.4	548.6	561.1	570.8	588.2
	380	495.8	500.6	483.9	511.4	512.4	516.5	520.2
B2M	421	465.0	469.8	467.1	477.8	475.2	477.2	482.5
	422	522.4	520.3	508.3	521.0	523.6	528.8	534.3
	423	427.8	439.2	434.1	441.2	441.6	430.9	436.2
	424							
	425	518.9	520.4	533.0	536.3	535.5	539.6	547.7
	426	492.6	489.7	495.5	495.2	500.8	509.7	506.3
	427	541.8	543.6	550.1	554.7	557.8	556.7	559.1
	428	484.3	481.8	494.2	492.0	500.8	505.5	510.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
B2M	429	517.2	502.8	519.5	529.5	520.6	528.3	513.6
	430	541.6	527.0	534.0	491.8			
	431	462.9	460.8	451.8	475.5	472.6	477.2	486.0
	432	570.9	572.9	560.3	597.8	595.4	599.1	602.2
	433	474.0	483.6	492.1	494.4	496.7	500.2	504.7
	434	461.0	449.5	463.8	473.0	475.2	472.1	471.4
	435	472.2	471.6	466.9	482.7	490.0	486.4	492.2
	436							
	437	468.3	452.3	458.7	468.1	460.5	403.7	453.8
	438	561.0	558.2	556.4	562.6	567.4	570.9	571.9
	439	557.7	555.1	562.6	565.8	571.1	572.8	565.0
	440	479.3	486.4	491.0	491.6	491.6	503.1	506.9
	441	442.4	436.3	439.8	442.1	442.2	438.0	439.0
	442	564.3	548.5	547.4	556.0	547.2	540.8	508.2
	443	648.6	644.0	665.5	674.1	675.3	682.5	680.9
	444	497.8	441.3	359.6				
	445							
	446	528.4	520.6	526.7	528.3	522.0	526.3	508.5
	447	584.2	572.5	586.9	596.8	596.7	593.4	599.6
	448	583.0	586.4	565.9	577.3	560.9	561.1	547.1
	449	411.0	417.0	415.4	419.8	427.0	428.3	432.4
	450	437.2	427.3	427.4	435.5	435.6	436.4	431.1
	451	534.1	517.2	527.5	543.7	553.4	557.1	557.7
	452	438.7	431.6	436.8	444.2	449.8	449.7	445.7
	453	423.2	431.6	436.5	445.5	438.2	439.6	440.8
	454	558.6	557.3	555.5	571.1	576.9	579.7	575.3
	455	514.2	516.9	522.9	537.9	534.2	521.6	519.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
B2M	456	530.4	537.2	543.0	546.8	540.3	531.4	533.2
	457	480.2	477.0	489.9	489.8	484.0	494.0	496.3
	458	548.0	551.2	551.2	546.0	557.6	505.9	479.7
	459	449.1	463.9	466.8	476.1	479.5	483.4	492.0
	460	469.5	467.5	465.5	476.9	477.7	477.8	485.7
	461	550.4	545.2	556.0	562.5	563.1	569.1	566.9
	462	460.2	454.7	460.9	472.0	476.1	483.2	491.5
	463	405.4	402.9	407.0	417.0	422.8	422.6	427.5
	464	515.7	514.0	501.7	515.0	520.9	515.8	468.9
	465	539.9	537.7	551.4	555.0	531.6	573.5	566.1
	466	501.0	498.9	509.3	515.0	531.8	530.3	535.9
	467	553.6	554.9	554.0	553.8	565.7	563.9	554.3
	468	489.2	493.4	503.0	507.9	507.9	488.7	501.9
	469	510.1	506.6	520.9	521.3	529.6	494.1	496.2
	470	517.9	522.9	529.3	525.5	536.9	538.3	493.3
	471							
	472							
	473	529.7	525.3	524.0	538.6	551.6	547.2	543.3
	474	523.6	524.1	526.4	531.0	529.1	539.4	534.6
	475	496.9	497.2	503.2	519.3	515.4	521.7	517.3
	476	531.9	530.3	531.3	546.1	537.4	535.6	537.4
	477	503.1	382.9	469.1	473.3	412.2		
	478	402.3	402.8	404.9	416.0	410.1	411.8	406.3
	479	433.8	437.3	449.2	451.1	453.6	458.9	453.7
	480	529.4	528.9	533.3	530.3	544.4	551.8	550.1
B5M	521	476.4	476.2	508.2	486.4	492.0	495.9	495.2
	522	508.6	511.0	480.7	509.2	509.9	509.6	510.8

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
B5M	523	407.8	412.8	410.9	419.0	418.7	423.8	420.8
	524	529.3	531.3	533.7	537.7	536.1	537.5	536.9
	525	366.5	358.9	347.0	359.3	363.1	368.7	360.5
	526	447.9	441.3	380.0	456.5	449.1	455.2	450.1
	527	428.4	432.3	424.7	441.6	442.1	448.1	440.7
	528	439.7	446.6	438.6	450.2	457.8	465.6	462.1
	529	486.4	484.4	469.7	496.2	497.8	496.0	477.6
	530	438.5	436.0	419.1	436.6	406.1		
	531	547.5	542.3	535.8	523.1	521.5	520.1	507.0
	532							
	533	479.6	481.7	474.5	476.3	466.3	471.5	462.5
	534	447.6	449.7	452.7	454.3	463.7	463.4	466.8
	535	429.8	420.1	407.1	415.9	401.6	408.5	404.5
	536	437.3	441.8	439.5	434.2	415.0	422.1	413.4
	537	415.4	411.4	415.4	415.4	415.9	407.5	412.2
	538	489.3	484.4	495.6	499.1	499.2	501.0	496.6
	539	455.7	456.1	449.7	466.6	457.4	463.0	464.5
	540	517.7	528.0	520.9	528.8	535.6	535.9	549.2
	541	524.4	528.0	522.6	545.6	555.8	562.1	569.3
	542	464.7	458.4	462.8	460.2	455.3	454.7	450.8
	543	478.5	472.7	466.8	470.2	479.6	482.7	473.6
	544	478.2	481.6	475.6	484.9	482.0	482.9	487.2
	545	461.6	457.4	459.3	475.7	480.1	489.0	488.5
	546	495.5	500.2	501.4	498.3	499.4	504.2	487.5
	547	466.5	472.5	465.6	472.4	468.9	475.1	469.4
	548	449.6	451.6	438.5	437.9	441.1	448.6	439.4
	549	415.8	411.6	405.8	404.9	405.7	406.5	395.8

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
B5M	550	582.2	576.8	572.6	579.8	574.1	566.9	541.9
	551	440.3	436.9	431.7	439.3	431.8	442.7	444.8
	552	543.3	542.1	548.0	555.7	555.9	559.1	562.1
	553	458.7	459.1	438.5	455.2	460.6	457.8	461.4
	554	522.5	519.7	500.1	524.1	529.9	538.1	534.1
	555	456.5	462.4	450.6	464.0	464.1	470.0	490.1
	556	482.6	466.2	461.1	461.7	479.0	489.7	487.4
	557	456.3	453.9	457.8	467.7	465.0	468.0	468.7
	558	433.9	439.8	435.3	435.7	441.2	449.1	453.7
	559	525.2	508.5	502.5	512.2	504.4	501.8	497.1
	560	364.8	367.6	368.5	381.5	375.1	373.3	374.0
	561	478.9	480.2	475.5	485.3	479.8	477.0	475.5
	562	481.2	485.5	484.8	484.3	492.7	482.9	484.2
	563	455.0	455.0	450.7	459.0	457.0		
	564	419.0	426.5	415.1	416.9	421.7	424.2	414.7
	565	543.6	543.9	540.2	544.3	550.8	555.2	551.8
	566	471.9	465.6	462.1	473.1	468.8	479.1	472.6
	567	476.5						
	568	449.7	460.3	451.1	469.0	466.3	468.0	462.4
	569	487.1	488.7	484.6	488.6	494.5	497.0	494.9
	570	580.3	582.7	574.6	577.8	572.9	577.5	600.3
	571	455.0	457.2	456.7	459.5	462.9	472.2	469.8
	572	504.8	509.3	497.5	511.6	515.1	530.2	549.4
	573	450.1	448.6	440.4	449.2	452.7	462.3	454.7
	574	458.6	450.4	440.7	456.6	467.4	468.5	467.4
	575	484.4	482.2	487.4	479.0	492.9	494.5	496.9
	576	485.9	491.0	478.0	491.6	485.1	491.4	492.4

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
B5M	577	507.1	508.6	503.0	510.4	511.5	518.4	511.6
	578	525.1	529.3	527.7	532.6	546.1	552.1	551.8
	579	399.8	398.7	350.4				
	580	494.0	485.3	481.8	491.2	494.4	494.6	492.5
E0.2M	621	544.2	553.3	565.0	561.4	574.2	600.9	613.1
	622	603.3	610.6	618.5	624.0	620.0	643.7	640.3
	623	522.4	534.4	545.1	557.6	570.6	588.5	590.2
	624	585.0	584.7	601.5	606.5	616.7	631.1	635.6
	625							
	626	524.9	534.9	538.2	498.6	562.1	559.5	564.4
	627	552.5	554.0	570.0	574.0	585.4	591.2	593.9
	628	538.9	534.3	543.9	554.9	553.4	557.1	548.1
	629	633.1	647.0	648.2	652.4	656.1	669.2	661.1
	630	598.2	602.1	595.9	610.9	605.1	613.8	617.3
	631	578.6	599.3	568.6	593.8	610.4	617.3	622.5
	632	462.4	441.0	462.5	467.8	480.2	488.5	487.0
	633	545.7	555.0	554.2	563.3	559.8	573.2	568.6
	634	602.7	596.5	617.9	627.4	642.0	625.0	644.1
	635	551.5	555.9	556.8	565.3	573.1	589.1	594.3
	636	578.5	589.2	598.6	602.1	610.5	616.4	619.0
	637	475.2	487.0	479.9	478.7	490.2	492.3	491.2
	638	580.7	575.6	576.1	568.3	562.7	585.2	566.0
	639	463.8	469.2	479.1	480.1	476.6	478.7	481.5
	640	573.1	574.2	567.8	565.1	566.4	585.0	594.7
	641	595.2	595.2	612.4	624.0	644.9	665.4	656.9
	642	588.6	590.1	599.6	604.3	613.7	619.0	599.8
	643	506.2	526.2	525.3	518.0	541.9	542.5	544.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
E0.2M	644	552.2	554.6	556.6	566.7	577.3	587.8	593.6
	645	379.6	387.5	398.1	391.6	403.0	421.5	428.0
	646							
	647	592.6	602.8	620.2	619.2	621.2	633.4	632.5
	648	499.3	502.6	518.1	522.4	521.4	539.5	545.2
	649	503.5	497.2	475.6	454.6	432.0	388.7	
	650	562.3	564.3	562.7	567.7	574.7	580.2	580.8
	651	529.5	530.6	538.9	534.2	550.8	551.2	552.0
	652	628.9	640.5	650.6	642.3	661.9	668.6	671.7
	653	473.9	475.6	478.2	485.5	487.5	482.4	465.9
	654	575.2	581.4	594.3	595.4	601.1	610.5	617.7
	655	508.4	523.3	523.1	526.4	528.5	534.9	534.2
	656	488.3	512.4	518.9	522.6	519.7	522.0	467.3
	657	647.0	656.7	647.9	655.1	669.9	682.9	696.4
	658	586.4	576.7	592.9	610.9	623.0	636.8	637.6
	659	552.1	565.9	556.3	580.5	587.6	615.3	619.3
	660	521.3	537.5	534.3	551.5	555.4	579.2	574.0
	661	572.8	576.5	572.4	567.1	584.0	458.2	
	662							
	663	592.0	599.7	608.4	617.2	625.1	641.7	646.5
	664	567.9	576.7	582.9	561.5	577.6	591.5	596.6
	665	480.2	481.6	488.2	484.1	517.4	496.7	495.4
	666	502.0	494.0	504.5	516.7	489.2	512.0	515.7
	667	523.3	524.6	518.6	500.7	506.2	512.4	511.5
	668	677.7	685.6	705.1	701.0	699.9	631.2	466.2
	669	501.2	515.3	514.7	514.2	521.4	530.4	533.2
	670	506.0	517.8	530.3	538.5	542.6	551.2	550.1

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
E0.2M	671	645.8	653.5	651.8	650.5	661.5	682.5	683.8
	672	581.9	595.7	605.2	609.1	628.6	647.7	654.8
	673	503.5	516.4	522.6	528.0	529.6	542.7	535.9
	674	490.3	489.7	489.3	482.1	483.6	496.5	497.2
	675							
	676	508.4	510.2	514.7	518.9	521.5	520.1	516.6
	677	502.6	506.2	527.7	520.7	524.6	544.0	546.0
	678	509.4	514.2	514.7	516.1	525.0	529.3	538.1
	679	580.3	575.2	595.9	607.6	593.4		
	680							
E2M	721	434.4	445.7	441.2	446.1	446.6	452.5	448.2
	722	491.0	494.8	494.1	503.7	504.8	513.9	523.6
	723	517.9	509.5	514.7	517.4	523.8	515.4	532.2
	724	482.1	484.2	476.2	491.8	493.1	503.9	493.9
	725	444.8	443.2	450.9	457.2	460.2	453.8	459.5
	726	415.4	415.6	406.5	407.4	407.5	420.9	420.2
	727	519.4	527.6	537.3	532.6	540.4	545.4	546.6
	728	571.2	572.6	582.4	593.0	595.1		
	729	457.9	457.9	459.9	456.4	451.1	457.3	453.7
	730	521.5	526.2	523.7	523.7	531.9	531.3	525.6
	731	520.4	520.9	517.9	527.9	533.6	535.7	513.7
	732	558.7	558.5	561.4	572.1	583.0	580.7	579.1
	733	583.0	596.9	597.9	605.9	611.9	614.3	613.1
	734	571.3	576.6	581.5	586.8	584.0	588.8	601.0
	735	492.4	494.2	504.2	509.2	515.6	516.1	517.1
	736	581.8	600.4	600.0	606.8	606.2	603.7	607.5
	737	512.7	514.4	524.0	529.9	528.8	522.6	529.2

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
E2M	738	575.7	573.9	579.2	588.6	600.3	594.8	594.9
	739	510.7	498.8	515.8	519.3	527.8	532.6	535.7
	740	497.5	510.2	501.7	503.5	508.8	510.9	517.0
	741	539.9	537.7	544.1	548.6	527.4	540.6	540.1
	742	436.7	434.0	437.2	448.3	447.6	448.9	455.2
	743	487.9	500.7	505.6	508.1	506.9	502.1	507.2
	744	445.1	438.9	438.5	443.8	439.7	447.6	432.3
	745	426.7	427.7	435.9	433.1	435.6	433.1	429.0
	746	541.1	538.2	535.1	550.9	555.6	561.4	578.5
	747	428.2	423.4	425.1	426.7	423.6	427.1	427.5
	748	503.2	509.1	503.4	501.5	477.0		
	749	418.6	405.9	368.9	334.6	299.2		
	750	469.4	479.1	487.4	491.0	498.7	494.7	482.1
	751	526.6	537.6	536.5	542.0	551.1	545.0	541.5
	752	564.0	574.2	578.2	591.0	596.6	613.4	613.5
	753	516.9	518.8	517.0	529.5	533.8	536.3	539.2
	754	348.5						
	755	533.1	506.2	393.2				
	756	524.6	524.8	530.9	530.2	524.4	531.6	532.9
	757	582.6	599.5	599.6	609.0	596.4	624.7	619.6
	758	516.4	527.7	539.0	538.5	542.6	551.8	557.9
	759	505.7	505.8	508.5	515.4	521.5		
	760	475.0	475.0	472.7	474.2	468.4	455.2	403.4
	761	466.4	472.5	465.8	470.1	476.1	484.7	475.4
	762	420.5	419.1	424.0	434.9	435.3	425.3	441.3
	763	414.3	408.2	416.5	419.7	413.3	420.8	415.1
	764	569.4	581.4	589.0	587.2	599.8	605.8	618.5

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
E2M	765	503.1	502.2	509.5	521.6	524.9	527.6	543.1
	766	403.3	406.3	405.5	412.8	421.6	424.7	426.4
	767							
	768	428.4	417.7	423.6	427.0	436.6	429.9	427.0
	769	543.6	528.8	463.4	378.0			
	770	472.6	438.3	472.2	465.4	464.8	417.8	449.6
	771	533.1	528.0	533.1	529.1	529.5	526.5	530.0
	772	598.6	600.7	611.1	621.5	621.2	616.4	611.4
	773		465.2	462.7	467.1	466.6		
	774	438.7	437.9	440.4	444.2	448.4	447.1	444.1
	775	464.9	479.6	482.0	459.5	496.0	505.4	481.5
	776	486.8	468.4	468.6	454.2	460.1	455.1	466.3
	777	436.3	432.7	428.2	426.9	433.6	431.1	413.1
	778	615.1						
	779	508.7	513.3	513.9	520.4	527.2	534.5	535.4
	780	587.8	598.1	600.5	610.2	610.8	614.2	636.8
E5M	821	540.7	550.0	545.9	556.5	547.6	548.6	
	822	457.6	457.9	453.1	463.4	460.4	427.8	366.2
	823	467.1	471.7	456.4	471.5	467.3	465.3	460.7
	824	469.1	478.1	470.7	474.3	478.9	483.4	479.7
	825	437.0	441.1	437.9	431.8	438.3	437.9	433.6
	826	426.4	427.1	435.7	435.7	442.1	448.6	437.1
	827	424.5	434.7	430.5	358.9			
	828	459.1	459.3	457.5	460.1	464.5	466.3	466.5
	829							
	830	431.0	428.0	428.3	425.4	413.6	422.9	420.1
	831	386.0	392.1	368.1	382.4	386.7	394.7	391.3

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
E5M	832	460.6	469.4	450.8	462.2	463.8	469.2	467.1
	833	525.6	535.4	534.3	536.4	545.8	552.5	542.3
	834	412.9						
	835	447.1	449.0	440.6	450.8	452.8	444.1	452.6
	836	388.6	380.9	313.0				
	837	517.2	514.7	485.8	491.8	498.5	494.9	496.8
	838	484.1	491.2	501.0	496.0	513.0	539.3	521.1
	839	441.8	437.8	428.2	440.9	435.4	432.9	432.1
	840	424.8	429.5	425.2	426.1	428.4	434.9	430.3
	841	446.4	445.0	449.2	451.7	452.6	457.2	450.7
	842	486.8	499.4	485.9	486.9	490.6	488.0	490.9
	843	458.1	473.3	484.4				
	844	455.3	461.0	458.3	454.2	458.8	457.4	458.4
	845	464.7	389.8					
	846	473.4	476.1	476.9	471.9	482.3	487.4	441.8
	847	416.0	413.3	415.1	425.2	423.6	433.6	435.5
	848	472.3	498.4	489.6				
	849	502.3	509.3	504.7	510.5	519.0	516.3	514.5
	850	464.7	468.7	469.6	469.4	467.0	473.8	470.3
	851	447.7	448.3	443.7	453.4	450.2	448.7	450.0
	852	472.8	473.8	460.5	411.5			
	853	459.8	453.6	450.1	453.6	454.2	444.3	447.7
	854	437.5	430.0	417.1	428.4	421.9	376.3	
	855	462.0	473.9	469.7	451.3	465.5	470.3	463.4
	856	480.9	482.6	467.4	453.3	372.7		
	857	544.7	536.8	536.0	470.9			
	858							

Table F-3. Individual Animal Body Weight (g) Data – Males (Continued)

Group	Animal	Day						
	ID	539	567	595	623	651	679	707
E5M	859	445.5	446.1	439.3	449.5	454.4	457.8	455.3
	860	492.1	468.3	489.7	495.0	499.0	509.0	517.2
	861	545.4	537.2	524.2	519.0	519.4	527.7	528.8
	862	510.2	514.1	506.5	504.5	523.9	516.7	486.4
	863	479.4	476.4	475.6	480.1	483.4	481.0	477.8
	864	445.2	450.1	452.5	459.7	460.8	464.6	467.0
	865	466.4	466.6	458.4	469.4	468.8	473.8	465.6
	866	494.3	496.4	488.5	499.1	496.8	499.3	489.8
	867	451.6	455.6	437.6	440.3	438.5	436.3	432.2
	868	415.8						
	869	419.1	423.3	419.4	422.8	429.5	433.6	427.1
	870	391.9	396.0	394.7	389.9	387.8	384.6	378.3
	871	498.1	493.0	470.3	484.7	496.6	492.6	485.8
	872	428.3	423.9	420.0	428.3	433.0	438.6	435.1
	873	444.8	449.2	451.7	456.5	461.3	467.8	471.4
	874	402.4	408.7	413.7	414.2	420.8	419.7	415.6
	875	532.8	524.9	521.2	520.4	529.7	540.8	535.8
	876	491.4	483.7	487.8	493.5	497.4	495.9	483.4
	877	497.9	503.8	502.1	466.6	510.7	522.5	517.2
	878	610.8	618.9	628.1	599.8	619.1	628.2	621.6
	879	534.3	536.1	520.1	522.7	526.2	524.5	518.5
	880	392.8	396.8	399.4	408.2	409.6	415.9	424.7

Table F-4. Individual Animal Body Weight (g) Data – Females

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
CF	1121	121.0	131.5	155.0	166.7	170.9	186.0	195.9	205.4	201.6	210.3
	1122	80.8	110.0	130.6	149.6	154.6	182.3	187.6	196.8	200.9	212.0
	1123	133.9	158.8	184.2	196.1	214.8	233.8	243.9	248.4	255.6	256.9
	1124	132.8	152.7	172.9	185.7	188.4	214.1	221.9	221.0	238.4	245.4
	1125	137.9	166.8	176.6	179.1	193.3	203.4	212.8	216.1	219.2	225.4
	1126	99.2	122.2	138.2	155.5	162.8	180.0	181.5	191.7	194.3	196.1
	1127	113.1	139.4	147.7	173.5	180.3	194.3	189.6	205.1	215.6	218.1
	1128	114.9	141.3	162.0	168.2	179.0	193.0	199.1	204.8	218.4	217.9
	1129	100.8	122.8	133.1	153.9	167.8	173.7	176.0	191.8	190.5	196.0
	1130	101.9	127.0	146.9	158.1	175.3	183.7	194.0	202.4	208.4	213.7
	1131	109.5	128.4	150.6	160.9	176.6	187.2	193.9	204.2	203.9	198.4
	1132	110.6	132.8	146.2	162.2	170.6	179.9	194.4	197.7	193.2	203.9
	1133	101.2	128.7	149.1	166.0	179.9	185.9	203.1	212.3	214.3	210.8
	1134	103.8	124.9	148.5	154.7	172.9	181.0	189.9	194.5	208.5	212.1
	1135	107.7	121.7	143.1	160.7	169.2	177.4	193.6	206.1	206.1	202.7
	1136	110.2	131.3	159.2	167.9	181.3	193.9	204.5	204.3	212.1	219.2
	1137	86.2	113.8	123.2	142.7	149.7	163.6	168.1	169.7	179.8	183.5
	1138	99.8	126.0	136.5	154.9	168.3	172.7	180.8	187.6	194.2	195.6
	1139	113.8	140.6	166.3	176.8	195.1	199.1	218.9	231.3	229.7	228.1
	1140	126.0	150.2	172.2	181.1	193.6	203.9	213.9	217.9	223.4	226.1
	1141	95.1	117.6	136.4	148.5	150.7	166.9	173.2	182.9	179.2	185.3
	1142	96.6	123.2	147.1	157.6	177.2	196.6	208.0	211.5	220.8	235.7
	1143	123.3	143.9	164.7	173.8	179.5	187.1	201.8	210.7	211.6	209.2
	1144	139.4	162.8	186.5	198.9	196.2	216.6	228.2	235.5	235.7	246.4
	1145	112.9	137.1	154.7	170.7	178.5	184.0	180.3	196.5	201.0	199.1
	1146	111.3	134.0	148.4	171.7	180.4	186.1	188.2	206.6	213.0	214.8
	1147	112.2	135.6	154.8	164.8	170.5	185.7	191.7	205.5	202.8	213.3

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
CF	1148	105.5	125.0	145.5	154.7	167.1	171.0	182.7	192.8	194.0	195.4
	1149	126.0	141.0	157.1	162.0	171.8	180.8	189.9	193.7	190.6	199.5
	1150	144.0	161.0	174.6	188.6	197.3	210.6	209.5	216.5	220.7	224.9
	1151	131.3	155.3	184.4	197.5	198.0	206.6	220.4	228.3	225.4	235.9
	1152	107.4	124.1	135.9	140.2	147.8	165.1	165.8	168.5	169.5	169.5
	1153	103.8	126.7	145.9	164.8	176.5	182.7	188.6	197.1	206.7	209.0
	1154	109.2	138.9	151.1	169.6	182.6	186.8	202.2	210.4	210.8	206.8
	1155	125.2	137.2	153.1	164.7	168.1	183.6	190.3	194.9	198.8	208.7
	1156	122.8	147.4	172.6	191.9	195.9	217.8	228.3	235.5	235.7	245.3
	1157	89.5	107.2	124.6	133.5	144.7	153.9	160.6	165.4	173.9	178.9
	1158	97.9	121.9	144.6	167.6	176.5	184.0	191.2	196.2	203.5	205.8
	1159	108.3	133.4	156.4	176.9	185.4	204.3	215.0	217.7	218.3	229.0
	1160	135.7	166.5	192.6	200.9	211.9	225.5	224.5	237.2	251.5	260.8
	1161	121.6	145.8	160.1	177.0	193.4	205.9	198.1	220.5	226.5	229.1
	1162	107.9	135.5	148.6	173.2	187.0	196.9	198.2	217.5	218.5	216.9
	1163	102.4	124.2	136.7	156.5	165.8	170.5	175.3	186.5	184.5	186.8
	1164	93.8	115.5	131.8	143.5	149.7	160.8	166.3	179.0	169.0	185.1
	1165	106.2	122.3	140.3	150.1	159.6	161.4	177.5	185.3	183.3	187.2
	1166	117.3	137.2	157.7	170.1	181.3	186.2	198.7	201.4	204.2	206.5
	1167	91.9	116.7	136.1	154.7	170.9	173.0	188.9	195.8	199.1	196.8
	1168	103.1	130.7	152.6	174.5	191.5	208.6	224.3	230.3	231.7	236.7
	1169	118.7	139.8	151.8	172.4	177.4	192.1	187.0	204.4	208.7	208.3
	1170	106.7	132.9	150.0	159.0	175.3	186.3	195.4	194.4	204.8	215.2
	1171	120.2	143.2	158.0	179.6	185.2	199.4	205.1	212.8	209.8	219.5
	1172	129.3	139.3	164.0	174.3	190.4	202.3	208.7	208.0	222.1	229.1
	1173	91.6	112.6	134.0	149.1	162.4	162.7	172.7	183.1	184.0	183.3
	1174	130.3	149.0	170.5	185.5	203.0	200.7	220.2	228.6	231.1	225.7

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
CF	1175	97.5	143.8	165.4	180.9	192.9	194.3	204.8	217.8	220.2	218.2
	1176	124.4	149.7	152.3	175.9	181.4	194.5	194.0	212.1	210.3	216.8
	1177	114.3	138.4	143.8	172.6	184.1	191.1	191.6	208.9	214.5	212.8
	1178	116.0	133.3	148.9	161.1	168.1	173.2	180.8	186.9	193.9	194.7
	1179	111.7	134.2	154.7	176.8	185.6	187.7	201.7	212.8	223.5	219.1
	1180	117.0	134.0	159.5	163.2	173.8	175.6	190.5	197.6	206.1	201.2
CBF	1201	115.7	138.4	161.1	178.5	188.4	195.9	209.0	217.3	215.0	226.2
	1202	120.9	140.9	164.1	182.8	198.0	207.3	219.9	226.0	224.5	229.1
	1203	110.9	130.9	153.5	172.8	180.0	191.5	202.7	206.0	214.2	217.4
	1204	124.8	143.2	165.5	175.3	182.0	206.0	215.2	226.3	219.9	235.1
	1205	112.3	136.1	154.3	168.5	168.3	187.8	196.8	202.2	203.0	210.3
	1206	117.1	135.7	152.6	163.1	171.7	190.3	188.8	195.4	202.8	207.0
	1207	125.8	150.8	170.2	185.6	195.5	195.4	218.2	222.8	231.7	225.6
	1208	109.6	141.7	163.6	185.0	191.7	208.0	215.9	220.6	219.8	235.7
	1209	117.4	139.6	160.8	170.6	185.2	197.3	205.1	206.7	222.0	228.0
	1210	126.0	145.2	160.4	183.6	194.8	202.5	209.4	221.5	226.2	224.9
	1211	102.3	123.6	151.7	158.4	178.7	185.3	198.3	194.2	211.3	212.7
	1212	135.9	151.5	172.6	185.6	194.1	203.5	208.8	216.9	213.0	222.8
	1213	165.9	183.1	202.5	221.6	222.3	241.4	253.6	264.6	259.6	265.7
	1214	79.0	130.5	150.4	160.2	169.0	169.4	183.0	190.4	193.9	188.3
	1215	103.8	128.7	143.1	168.3	176.1	184.1	186.5	200.1	198.1	211.7
	1216	143.8	155.7	175.6	182.9	194.3	202.4	206.7	204.9	201.8	211.9
	1217	101.1	123.6	139.0	155.5	163.4	175.0	170.7	171.4	169.6	185.1
	1218	120.0	140.7	154.2	177.1	189.4	197.4	196.7	214.2	200.4	212.2
	1219	123.8	142.1	161.4	164.4	168.8	178.9	186.6	193.6	197.3	199.4
	1220	106.8	127.9	152.5	166.2	177.7	185.2	196.3	205.1	211.0	211.9
	1221	112.5	132.2	149.4	167.9	182.8	191.3	193.6	209.4	214.8	218.1

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
CBF	1222	107.7	135.1	156.5	182.1	201.4	210.2	212.4	231.7	236.9	238.2
	1223	100.5	122.8	146.8	168.5	166.7	181.6	195.5	205.6	209.6	212.9
	1224	138.5	159.6	170.7	192.0	194.6	205.5	214.4	218.7	219.6	226.5
	1225	129.4	147.4	168.9	180.7	192.1	198.2	208.4	215.6	218.4	218.8
	1226	119.4	133.4	154.5	165.2	171.1	184.4	188.6	193.1	189.9	199.1
	1227	97.7	126.8	138.1	164.0	177.4	189.7	191.5	214.3	213.8	217.9
	1228	114.2	141.1	160.5	173.2	184.5	196.5	209.3	209.4	215.5	217.0
	1229	93.5	119.2	125.1	149.2	165.9	169.1	184.9	187.3	195.9	191.8
	1230	89.6	116.4	139.8	157.8	176.7	187.3	197.2	199.2	213.3	208.4
	1231	94.4	123.5	146.3	155.4	170.4	187.6	194.8	196.3	205.0	216.3
	1232	111.3	136.1	156.6	173.7	194.9	207.4	211.9	207.6	223.7	228.9
	1233	116.5	137.9	156.3	170.0	185.0	200.0	207.9	212.6	215.7	220.2
	1234	102.5	118.5	138.2	154.1	167.0	164.6	178.3	186.7	187.0	191.1
	1235	98.6	118.3	136.9	154.5	165.1	175.6	185.5	193.0	195.0	198.1
	1236	108.0	131.8	150.8	169.0	183.3	187.7	205.7	212.3	214.8	215.1
	1237	109.3	118.5	130.1	148.3	155.3	164.1	167.3	181.9	182.8	186.2
	1238	128.0	151.5	161.1	189.1	193.7	205.4	201.3	212.1	225.0	223.7
	1239	107.2	136.1	155.1	163.5	179.8	192.4	195.6	191.5	201.6	209.2
	1240	122.0	131.9	152.6	171.6	183.8	190.5	201.3	208.4	214.0	217.1
	1241	101.6	127.0	142.8	162.2	177.3	185.6	195.4	205.0	201.1	211.0
	1242	145.7	163.1	168.6	192.9	203.5	214.7	217.2	226.6	237.7	240.2
	1243	135.0	151.4	167.5	181.0	192.3	200.2	205.4	214.2	217.6	219.6
	1244	110.3	128.4	148.4	155.2	159.0	173.9	174.3	184.4	180.0	190.6
	1245	133.4	157.1	180.7	196.6	212.2	224.3	230.2	229.5	250.2	257.1
	1246	125.3	158.1	179.1	196.2	206.2	218.9	229.8	240.3	239.5	235.4
	1247	131.7	153.4	175.4	192.6	206.9	214.4	228.1	230.4	239.9	236.8
	1248	106.2	133.8	162.4	194.5	209.9	226.8	230.7	237.2	253.4	255.6

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
CBF	1249	97.1	132.8	149.6	161.5	165.0	177.7	186.0	186.8	179.5	194.1
	1250	97.2	124.6	143.3	156.0	176.5	191.9	209.8	206.7	216.2	222.4
	1251	88.2	112.0	136.7	156.2	174.0	177.6	186.8	195.5	200.1	199.8
	1252	108.5	127.0	148.8	161.2	168.1	184.3	189.3	200.1	197.3	207.9
	1253	104.4	119.5	134.0	138.4	157.2	161.9	167.4	167.2	180.2	184.0
	1254	103.9	125.5	144.7	165.4	172.2	178.0	189.1	196.7	197.0	195.0
	1255	113.5	129.6	148.1	162.3	173.6	174.0	189.1	197.7	198.6	196.0
	1256	92.6	110.7	122.0	144.3	152.6	158.9	160.4	175.3	181.0	183.3
	1257	113.2	129.4	148.0	159.6	168.0	182.5	200.7	194.5	190.2	208.0
	1258	91.3	110.9	129.8	146.1	156.7	168.5	179.8	182.3	182.1	189.1
	1259	111.8	136.4	154.8	173.4	184.6	191.8	205.3	201.5	218.0	211.7
	1260	101.3	120.5	140.0	157.9	171.9	176.8	187.0	193.1	192.1	201.2
B0.2F	1321	97.6	122.8	135.4	161.3	177.0	186.7	193.7	204.3	207.4	212.7
	1322	118.2	140.6	152.7	170.7	186.2	187.1	183.9	190.6	197.3	201.8
	1323	122.2	137.5	153.2	160.4	174.0	183.4	189.3	188.4	191.5	200.3
	1324	107.8	132.7	153.4	164.0	178.1	181.1	191.6	195.9	197.1	203.1
	1325	106.0	130.4	148.5	158.8	178.7	185.5	194.0	197.6	211.1	219.3
	1326	129.3	148.0	164.6	180.1	195.0	213.5	217.9	229.3	237.7	230.9
	1327	103.5	120.7	142.3	161.4	171.0	186.1	193.2	197.5	195.3	201.3
	1328	134.1	159.6	169.7	192.1	205.1	220.8	223.0	237.9	234.2	243.8
	1329	111.2	136.0	158.7	171.3	183.8	188.2	203.3	206.3	215.8	211.1
	1330	124.5	141.1	159.2	168.1	176.8	185.8	191.0	201.6	209.6	215.5
	1331	102.6	125.5	143.0	158.0	170.4	175.6	187.4	194.6	204.4	199.5
	1332	93.7	114.4	129.5	149.5	165.6	176.1	178.2	188.9	191.4	197.8
	1333	133.6	157.7	175.2	189.1	201.0	209.6	221.8	227.7	231.4	230.0
	1334	108.9	125.4	141.4	153.1	162.6	167.1	176.0	184.2	183.6	185.3
	1335	99.0	115.2	135.7	158.7	164.5	178.2	190.4	191.8	191.7	201.3

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
B0.2F	1336	109.7	137.1	149.4	174.6	189.1	200.7	197.8	215.0	220.5	222.0
	1337	106.8	138.5	155.5	177.0	188.5	201.0	212.4	221.7	223.2	224.5
	1338	121.4	150.1	168.2	180.6	194.2	205.5	215.3	215.9	227.3	223.3
	1339	120.4	147.2	163.1	185.5	201.4	220.7	227.6	233.2	232.2	242.5
	1340	104.2	134.4	155.6	177.6	189.4	200.8	210.6	209.8	220.2	225.7
	1341	105.0	127.4	131.7	148.8	163.6	164.6	175.5	182.6	188.0	195.1
	1342	116.0	140.0	160.6	182.0	194.3	207.5	213.8	223.0	230.6	234.2
	1343	109.1	134.4	147.2	176.9	186.0	199.4	204.0	216.3	225.7	231.1
	1344	135.5	161.1	181.8	193.0	204.6	216.8	222.4	225.9	231.9	234.3
	1345	119.8	140.0	156.8	176.2	182.6	197.0	204.0	212.0	214.8	222.7
	1346	116.2	132.8	143.2	159.4	167.9	178.4	178.2	186.0	190.8	193.7
	1347	130.9	152.7	172.1	190.7	210.4	211.8	225.6	234.6	238.2	244.3
	1348	92.7	116.1	129.7	145.8	152.6	166.5	175.8	180.6	184.0	187.7
	1349	99.9	117.5	129.3	137.7	152.7	160.2	169.8	170.2	180.8	184.2
	1350	110.1	125.4	145.8	162.0	167.6	179.7	190.9	198.0	201.1	209.0
	1351	123.5	141.8	151.6	170.9	177.5	189.3	188.9	196.0	198.7	200.8
	1352	101.8	125.1	143.7	159.6	174.2	184.6	187.7	195.3	199.3	203.5
	1353	110.7	140.5	157.8	177.0	186.7	200.9	213.0	216.2	210.6	225.5
	1354	126.0	150.9	156.8	175.6	188.8	197.2	198.1	203.5	208.3	210.8
	1355	100.6	125.3	142.9	162.6	167.1	184.2	191.1	196.1	189.6	200.3
	1356	85.6	110.0	125.5	148.5	161.6	173.3	179.7	180.8	187.2	196.8
	1357	137.9	154.7	170.0	183.7	191.9	206.3	213.3	219.2	214.9	226.2
	1358	112.3	137.5	156.6	172.5	184.7	197.5	205.6	214.2	217.5	223.4
	1359	94.1	124.6	143.8	157.2	178.9	189.8	202.9	204.0	217.3	224.0
	1360	107.4	132.3	139.7	160.8	170.8	178.5	178.8	187.1	196.1	196.2
	1361	97.2	115.7	132.3	151.2	166.0	175.1	188.7	195.9	202.7	199.1
	1362	148.7	165.8	187.2	202.5	207.5	214.1	231.5	236.5	238.4	232.3

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
B0.2F	1363	101.4	129.3	150.6	154.7	174.9	186.6	193.8	203.0	204.3	210.8
	1364	111.9	134.4	147.0	172.1	187.3	201.1	204.4	218.1	224.0	235.7
	1365	126.5	143.9	153.6	164.4	181.8	185.3	187.9	192.5	199.0	196.1
	1366	128.2	147.4	173.1	192.7	199.6	221.0	226.9	234.8	233.6	243.6
	1367	113.6	131.3	145.9	157.5	167.1	173.5	183.7	180.8	190.5	187.4
	1368	88.8	117.7	137.2	147.4	166.4	177.9	185.3	185.4	190.2	202.1
	1369	114.0	138.6	156.3	172.9	186.1	193.5	204.5	207.7	212.8	212.9
	1370	102.4	122.8	146.2	162.2	172.5	182.7	195.8	203.6	204.2	207.7
	1371	112.8	132.4	152.6	164.7	172.3	182.9	192.2	194.5	197.9	207.2
	1372	83.9	111.2	122.6	147.8	160.3	170.6	176.4	186.7	193.4	195.1
	1373	116.7	133.0	147.1	158.6	160.4	178.0	184.5	187.6	181.8	193.2
	1374	90.7	106.9	125.7	139.0	145.5	154.6	168.8	173.4	168.9	177.9
	1375	108.3	133.2	149.0	176.1	186.3	201.2	203.9	215.4	226.1	226.6
	1376	124.8	145.4	160.3	177.3	190.0	201.3	209.6	213.0	225.2	223.4
	1377	140.9	161.4	178.6	194.8	197.5	217.9	222.9	227.8	237.2	235.4
	1378	113.2	127.0	149.8	164.6	169.2	173.3	192.8	187.2	193.1	202.3
	1379	96.7	122.7	141.2	155.0	172.1	187.9	191.3	189.9	201.1	209.9
	1380	120.7	142.0	157.6	167.1	182.2	190.3	197.4	194.2	202.7	208.4
B2F	1421	124.2	155.5	163.2	183.4	188.9	199.9	206.7	206.9	212.7	219.5
	1422	140.5	158.0	173.6	187.0	193.6	203.5	209.4	214.6	214.7	223.1
	1423	110.2	136.0	144.3	169.3	182.0	188.6	196.0	205.5	206.3	209.0
	1424	108.7	135.9	140.8	158.2	165.2	179.6	176.6	186.1	200.0	201.6
	1425	103.6	124.8	139.1	152.8	163.5	171.7	182.0	183.1	187.2	194.9
	1426	112.9	142.3	148.5	169.1	180.6	187.8	188.4	204.3	210.2	214.0
	1427	114.8	137.4	154.3	167.1	176.9	190.7	185.0	194.2	195.8	185.6
	1428	103.4	123.9	127.7	150.2	155.2	162.0	157.0	171.6	187.1	165.0
	1429	112.2	133.9	155.0	176.0	186.2	203.6	209.0	223.3	227.2	215.8

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
B2F	1430	94.3	115.7	137.0	156.2	159.8	174.2	178.7	182.0	185.0	191.6
	1431	150.6	171.0	177.9	196.5	208.1	218.4	216.0	224.1	225.4	233.1
	1432	107.7	137.4	157.6	170.1	190.0	200.7	213.3	204.6	226.7	229.6
	1433	91.5	118.6	133.9	154.9	171.1	179.5	188.2	198.6	202.1	207.5
	1434	121.6	141.6	156.6	168.3	178.1	186.2	195.7	196.7	208.1	209.0
	1435	111.4	132.1	148.6	162.9	173.1	180.9	184.7	196.2	200.1	201.6
	1436	86.3	113.1	131.5	152.6	161.9	175.6	183.8	192.1	192.7	201.9
	1437	135.2	153.2	158.9	170.1	182.5	187.3	194.6	198.4	199.4	201.1
	1438	113.1	131.8	152.9	157.9	166.8	175.7	181.2	178.1	189.6	198.6
	1439	97.7	119.1	133.0	137.2	151.2	159.2	158.0	171.2	179.5	183.8
	1440	100.1	125.6	136.0	162.1	172.7	180.3	187.0	193.6	202.2	206.3
	1441	114.8	135.4	146.4	161.5	175.0	182.5	195.9	195.0	197.3	197.1
	1442	83.7	109.0	126.2	145.3	162.6	174.2	175.9	188.9	196.3	199.1
	1443	122.8	145.4	160.0	178.1	191.1	195.6	205.1	210.9	216.5	217.1
	1444	126.5	153.1	167.8	181.8	190.3	193.1	203.2	214.4	212.8	215.0
	1445	107.1	127.0	149.1	171.6	179.9	195.4	197.2	205.4	205.2	216.7
	1446	117.3	137.4	148.5	165.8	180.1	186.6	197.8	206.8	214.1	214.3
	1447	138.6	165.4	176.5	182.4	201.2	207.6	207.2	219.0	218.2	229.2
	1448	109.7	132.7	145.9	163.0	181.4	190.0	197.4	194.2	202.4	209.0
	1449	101.3	121.9	134.7	150.0	152.6	166.3	167.8	172.9	174.1	183.3
	1450	124.5	144.1	141.9	158.2	167.7	172.8	176.1	185.6	188.9	196.1
	1451	108.3	133.7	148.7	160.3	170.9	182.9	186.0	191.0	199.2	210.2
	1452	96.0	123.2	136.4	151.0	160.1	172.2	180.4	184.1	185.9	196.2
	1453	107.1	126.7	142.3	154.1	160.3	166.9	176.2	180.1	182.5	188.6
	1454	136.2	158.2	172.8	187.6	193.3	203.6	214.9	217.1	216.8	224.0
	1455	113.4	139.0	143.6	168.9	175.5	186.7	189.1	195.6	200.6	202.5

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
B2F	1456	110.5	135.2	138.4	154.5	157.4	176.0	174.5	178.4	177.4	184.7
	1457	98.6	118.6	131.7	143.4	157.5	164.4	169.5	171.0	181.8	171.5
	1458	125.6	158.5	176.0	188.8	210.9	232.0	243.4	244.6	245.1	240.3
	1459	116.3	139.2	146.9	170.1	180.8	180.1	194.4	204.9	209.9	205.2
	1460	90.5	118.4	131.4	147.8	171.8	172.5	172.8	179.5	185.7	187.9
	1461	101.9	129.8	146.7	167.0	181.8	184.9	194.9	200.7	205.7	210.0
	1462	105.4	125.2	138.9	158.3	172.1	179.6	186.0	181.3	199.3	205.2
	1463	102.1	127.4	146.1	162.4	168.0	178.5	191.4	201.8	195.8	198.6
	1464	128.9	147.1	158.4	174.9	172.0	180.7	186.9	197.6	205.1	203.6
	1465	100.8	124.2	143.4	159.6	165.0	180.0	187.5	193.5	198.4	200.9
	1466	145.0	161.6	172.5	191.1	199.9	211.3	213.5	220.6	223.8	228.9
	1467	92.9	122.6	139.6	149.4	161.0	171.2	181.3	173.4	187.3	186.9
	1468	120.5	141.8	155.0	163.6	177.2	185.8	190.2	185.1	195.6	199.5
	1469	125.1	141.6	155.8	168.6	175.6	186.5	189.6	196.0	195.4	203.1
	1470	132.3	150.1	153.8	165.3	171.3	188.1	199.0	204.2	201.1	212.3
	1471	104.2	132.1	136.6	161.4	166.7	181.1	188.9	202.3	208.5	205.6
	1472	92.3	117.4	133.5	153.6	166.0	172.9	183.4	184.4	182.4	187.6
	1473	120.9	150.7	161.4	184.3	197.9	204.5	208.7	217.9	226.8	223.3
	1474	97.2	121.2	138.6	156.9	163.3	174.1	186.4	183.4	189.1	193.6
	1475	116.9	143.6	159.5	173.4	188.1	190.4	206.9	213.7	220.3	221.6
	1476	109.1	133.8	148.1	160.9	171.4	180.9	194.6	192.8	198.3	207.6
	1477	129.9	151.6	166.5	173.5	179.7	178.7	188.8	194.3	190.7	187.9
	1478	110.9	139.5	159.2	173.4	185.9	199.4	210.2	212.4	217.8	227.6
	1479	130.6	148.8	156.4	162.2	175.4	185.7	187.1	188.3	188.3	206.0
	1480	106.3	123.7	143.9	161.5	172.9	180.3	191.2	195.4	201.9	206.5

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
B5F	1521	106.3	122.4	129.1	142.9	153.8	154.1	151.4	162.1	169.0	170.9
	1522	120.1	140.0	151.8	153.1	166.7	177.5	184.4	183.6	192.5	191.0
	1523	131.8	154.2	161.8	175.5	182.9	192.5	195.1	199.5	200.4	212.1
	1524	87.0	105.5	109.3	119.2	130.2	142.5	148.2	153.1	157.1	167.0
	1525	110.7	132.0	141.6	158.6	170.4	177.8	188.8	193.6	199.8	203.8
	1526	137.6	166.8	172.7	179.6	195.9	202.6	207.0	205.4	205.6	216.0
	1527	111.6	133.6	142.6	146.5	164.2	173.0	175.6	174.9	177.7	184.0
	1528	118.2	143.0	155.3	172.9	187.6	194.9	202.7	211.3	217.0	215.8
	1529	104.0	125.6	139.3	149.2	158.2	167.4	173.6	175.2	182.7	189.8
	1530	129.9	153.4	150.4	167.9	176.7	182.5	184.4	193.2	201.0	201.4
	1531	98.3	116.7	137.1	148.8	160.9	170.0	173.4	173.2	178.0	182.0
	1532	90.4	118.0	131.3	153.6	166.6	176.4	182.1	187.0	189.3	199.7
	1533	124.6	151.5	166.6	180.2	186.9	190.8	201.7	196.9	208.2	211.7
	1534	147.6	168.9	182.4	194.4	194.4	208.2	216.1	218.4	223.0	224.8
	1535	113.3	132.7	143.6	155.9	168.4	177.6	181.8	186.6	186.6	193.8
	1536	111.1	139.0	142.5	151.2	163.3	175.0	176.7	176.8	189.6	195.5
	1537	108.8	134.7	142.4	166.7	176.7	178.3	188.9	189.7	200.7	195.9
	1538	102.0	132.8	147.1	166.5	180.7	189.2	196.6	201.6	205.0	212.3
	1539	112.2	134.7	140.6	162.0	171.7	176.7	178.8	185.7	192.6	195.3
	1540	116.5	138.3	151.3	159.7	169.3	176.8	182.8	187.0	195.8	199.6
	1541	123.7	140.3	154.5	171.4	172.9	182.8	194.5	193.3	199.1	199.4
	1542	115.4	137.9	146.9	166.4	167.5	175.6	183.4	189.3	192.0	195.8
	1543	102.0	121.8	134.8	148.4	163.6	170.0	179.2	176.9	183.8	188.0
	1544	121.4	129.6	143.1	153.1	157.9	166.6	169.4	171.9	163.5	180.2
	1545	117.8	136.0	135.5	149.5	152.7	166.0	171.3	173.8	178.3	191.9
	1546	97.5	123.3	139.9	152.0	166.3	175.4	184.8	185.3	193.2	201.8

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
B5F	1547	103.7	129.7	141.1	159.4	170.9	176.3	180.5	182.7	191.0	197.4
	1548	127.3	140.6	157.9	167.4	171.0	184.3	186.9	186.0	184.6	199.5
	1549	105.7	130.2	138.8	155.8	164.0	168.2	172.7	179.0	190.5	192.8
	1550	122.5	143.4	157.5	168.7	180.4	181.1	191.0	198.8	193.7	202.2
	1551	109.5	130.9	131.4	151.2	166.3	173.1	176.4	187.7	194.3	199.8
	1552	95.4	129.8	143.2	152.5	162.5	172.4	182.3	183.8	183.2	188.6
	1553	117.2	139.0	149.8	165.5	177.0	183.1	182.0	194.9	191.3	192.9
	1554	109.9	140.6	149.8	168.0	187.7	198.7	205.1	209.8	214.1	219.1
	1555	134.7	160.8	162.2	181.2	195.0	204.0	205.6	215.3	214.9	227.7
	1556	125.3	147.1	154.2	158.8	173.8	187.2	184.7	192.6	193.9	194.7
	1557	139.0	164.5	170.5	188.8	199.5	199.2	213.1	217.9	224.8	236.5
	1558	109.4	131.2	140.2	157.6	164.1	172.6	178.0	181.7	188.4	190.0
	1559	90.8	109.3	125.7	137.6	158.7	163.2	180.0	179.6	184.2	196.6
	1560	112.5	138.4	149.7	171.4	182.8	194.9	183.4	199.2	209.3	213.2
	1561	93.1	118.7	128.0	141.9	158.5	167.5	175.9	183.6	186.4	191.4
	1562	100.1	119.6	128.3	144.4	153.8	157.8	161.4	169.3	170.2	175.8
	1563	92.6	125.5	139.6	161.4	173.3	175.4	189.2	200.4	196.3	199.0
	1564	131.8	154.5	165.2	178.1	190.4	199.9	205.7	202.9	211.3	212.1
	1565	113.5	139.6	152.8	168.2	183.0	189.0	197.9	195.4	203.1	204.9
	1566	99.6	127.0	127.8	146.8	155.7	161.8	170.3	179.3	181.9	186.8
	1567	120.8	145.7	156.7	174.7	185.8	192.1	202.6	193.9	206.4	213.3
	1568	107.7	119.1	132.3	140.9	151.8	154.9	159.2	169.3	171.4	173.4
	1569	126.0	150.4	149.0	169.2	183.1	192.6	198.4	201.0	200.6	202.5
	1570	102.5	133.5	146.0	168.0	181.1	192.2	195.0	205.7	207.4	207.4
	1571	106.5	134.5	147.0	158.1	173.2	180.9	189.6	191.2	197.6	202.6
	1572	101.1	128.2	135.4	156.7	168.2	172.1	174.3	179.6	179.9	189.9

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
B5F	1573	107.5	127.3	133.6	149.7	159.2	164.4	172.0	174.7	177.3	187.7
	1574	94.4	124.1	133.4	153.8	165.2	169.6	179.6	191.7	193.5	200.6
	1575	101.3	128.0	143.6	154.7	168.5	178.4	185.4	183.4	191.6	199.0
	1576	140.2	150.7	162.4	177.6	184.1	201.1	209.9	208.6	213.7	222.5
	1577	125.1	142.0	162.5	172.7	190.1	192.7	203.7	206.4	200.6	210.4
	1578	108.1	135.9	147.7	164.9	176.9	184.1	189.3	186.4	196.0	194.9
	1579	82.7	107.3	117.2	129.6	138.0	147.9	146.4	155.7	159.2	178.0
	1580	113.9	136.9	143.9	163.1	182.8	182.9	189.4	197.1	206.2	204.9
E0.2F	1621	111.4	130.2	148.1	161.4	178.1	183.3	191.3	194.9	205.5	216.7
	1622	134.8	152.8	172.1	185.7	197.4	205.0	218.3	220.3	224.7	226.1
	1623	115.2	134.9	157.5	177.7	188.5	201.1	214.7	224.9	243.2	245.4
	1624	90.5	112.4	130.4	147.4	166.2	171.6	181.7	182.6	188.4	195.3
	1625	138.5	160.3	180.3	192.8	205.3	220.3	229.8	228.1	239.4	242.5
	1626	93.1	120.8	138.6	159.6	179.2	193.4	206.3	213.6	217.8	223.0
	1627	94.3	117.4	133.9	151.3	163.8	170.1	181.0	187.6	187.8	198.4
	1628	80.2	110.0	127.5	147.3	167.5	168.6	176.2	186.3	195.2	199.7
	1629	98.2	124.2	139.3	148.9	159.3	164.4	173.6	181.5	182.0	191.7
	1630	112.4	129.6	158.3	175.1	179.8	193.9	206.7	211.9	206.9	215.9
	1631	96.3	121.6	139.4	152.7	165.6	176.7	178.7	184.6	184.9	193.0
	1632	108.2	129.5	144.5	166.3	173.5	184.1	190.2	195.2	198.1	198.4
	1633	106.9	128.8	152.6	171.3	183.0	198.1	206.2	204.5	213.1	216.3
	1634	110.3	140.5	165.1	179.9	186.2	205.7	212.7	222.1	219.7	231.3
	1635	103.2	120.8	143.9	158.3	162.7	173.6	180.9	182.4	188.2	191.0
	1636	160.8	180.7	204.7	220.2	234.7	222.2	229.0	255.9	257.4	265.8
	1637	101.6	170.8	190.9	203.1	211.2	199.1	207.5	227.3	234.3	243.2
	1638	121.1	144.2	155.3	165.8	177.3	179.9	189.4	208.8	219.6	220.3

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
E0.2F	1639	118.2	146.1	157.8	185.4	202.7	207.8	214.5	231.1	234.8	242.4
	1640	113.4	140.1	160.7	180.7	194.3	198.9	210.9	219.7	221.4	224.4
	1641	116.4	151.1	163.9	180.5	193.2	199.4	204.4	212.1	213.7	213.8
	1642	143.5	165.5	181.3	191.9	208.9	212.4	217.4	229.3	217.8	225.7
	1643	107.2	133.6	149.5	159.5	171.4	177.4	193.7	197.4	204.7	211.5
	1644	124.9	149.1	167.6	181.4	198.1	205.4	212.4	217.0	216.4	223.1
	1645	109.8	137.5	145.5	161.6	174.6	183.7	188.2	192.4	195.8	207.2
	1646	122.7	149.4	162.3	185.0	202.6	206.4	200.6	218.7	222.4	228.6
	1647	88.6	123.7	137.8	159.7	174.5	177.7	192.6	201.4	208.7	216.6
	1648	100.7	125.3	144.3	162.5	179.3	184.4	200.5	206.4	211.5	210.0
	1649	120.0	141.3	151.2	172.3	189.8	201.7	210.5	215.8	220.7	220.1
	1650	105.8	132.5	144.9	163.7	176.8	183.7	192.2	195.4	203.9	209.6
	1651	111.3	125.2	134.3	144.8	154.6	151.9	166.3	171.5	171.8	177.6
	1652	131.8	161.5	178.0	190.7	213.4	223.6	231.0	237.1	241.1	251.4
	1653	103.8	126.1	148.7	165.9	178.0	185.7	199.2	205.5	207.0	213.8
	1654	125.9	146.5	162.8	172.3	188.0	196.2	201.5	202.8	203.3	210.3
	1655	113.6	136.0	154.1	164.6	171.4	184.2	190.0	197.4	195.4	206.4
	1656	97.3	118.6	129.8	154.5	172.0	184.5	189.4	194.4	199.1	208.7
	1657	105.1	124.8	135.1	156.0	159.8	165.4	176.6	179.5	182.5	182.0
	1658	89.3	116.1	134.6	153.4	163.2	176.3	183.8	192.6	192.5	197.5
	1659	131.3	163.8	168.8	194.9	205.9	212.3	227.1	230.1	234.3	233.9
	1660	108.4	129.5	142.3	161.5	175.8	182.6	187.6	195.9	208.4	208.7
	1661	99.6	120.2	137.6	151.0	165.0	170.8	179.4	186.0	188.3	198.8
	1662	99.6	128.2	147.9	166.7	184.3	186.5	196.9	204.6	213.1	222.1
	1663	110.5	143.6	162.8	182.2	199.7	211.1	213.4	216.4	217.5	231.5
	1664	104.3	128.1	134.5	162.0	173.8	185.4	190.5	194.6	197.0	208.1

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
E0.2F	1665	137.6	163.7	171.6	181.3	197.2	211.8	215.5	212.8	212.0	220.1
	1666	128.0	144.5	167.1	180.3	190.1	198.5	211.3	211.5	210.7	214.7
	1667	127.1	148.6	167.0	179.8	188.9	193.6	204.9	216.3	223.2	227.6
	1668	121.4	143.9	161.4	172.1	187.7	191.4	197.2	206.9	212.8	219.7
	1669	123.1	156.7	177.0	199.4	215.0	215.4	237.3	237.9	248.1	260.5
	1670	107.6	130.5	139.6	157.7	179.4	169.9	185.9	189.7	196.1	203.7
	1671	102.3	119.0	137.8	152.6	161.0	157.8	175.9	178.6	182.6	187.2
	1672	101.3	131.3	152.7	176.3	190.0	202.7	207.8	216.2	220.3	230.3
	1673	116.8	125.0	130.0	152.3	160.9	164.6	166.1	181.2	186.4	186.3
	1674	92.6	128.4	140.9	149.7	157.1	166.0	172.5	176.6	177.4	183.3
	1675	109.1	113.3	126.3	135.2	149.8	155.2	161.4	171.9	167.7	169.8
	1676	118.8	133.2	147.1	160.2	175.8	176.9	187.8	189.5	190.5	194.4
	1677	130.4	156.3	170.9	196.3	202.5	204.0	212.3	223.4	222.1	226.9
	1678	113.1	137.7	157.6	172.4	191.9	195.1	208.2	214.2	220.3	227.8
	1679	124.3	141.4	155.7	170.7	175.2	188.0	193.5	202.7	200.8	211.4
	1680	114.5	137.1	151.8	167.0	178.0	186.3	197.7	200.1	200.4	206.0
E2F	1721	101.3	126.1	138.7	158.7	173.5	180.7	190.2	201.3	209.4	217.6
	1722	113.9	134.7	150.8	159.7	172.5	177.8	185.3	190.4	187.5	201.6
	1723	104.1	126.8	145.5	163.6	178.5	188.4	195.1	206.4	211.1	215.7
	1724	91.1	116.4	127.5	139.4	150.0	158.4	168.6	174.6	172.4	186.0
	1725	134.1	154.7	167.9	182.1	198.3	206.1	216.6	220.1	227.5	236.7
	1726	120.0	144.0	151.8	161.1	180.0	188.8	192.3	196.3	205.7	214.8
	1727	102.3	124.2	138.6	156.6	168.1	177.4	185.4	185.6	194.7	197.7
	1728	98.3	121.4	141.8	153.4	165.6	178.5	187.5	187.0	197.1	205.3
	1729	131.1	157.1	168.3	176.4	190.1	196.1	207.5	206.8	216.2	223.6
	1730	113.8	139.5	155.6	169.9	180.3	192.2	202.2	208.9	208.4	219.4

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
E2F	1731	106.2	121.2	133.0	144.7	157.0	168.1	176.2	173.4	174.2	185.4
	1732	121.8	143.7	160.8	171.7	180.8	193.7	201.7	206.5	203.6	214.4
	1733	112.2	136.0	144.2	167.4	181.9	193.5	210.9	223.7	222.5	237.1
	1734	107.3	130.2	140.4	154.1	165.4	172.1	172.4	183.8	185.6	184.4
	1735	81.1	105.6	121.7	136.6	144.0	154.9	166.9	170.0	177.4	178.4
	1736	138.6	151.4	163.4	177.6	181.3	191.1	198.8	200.8	206.6	210.8
	1737	84.3	117.6	131.9	155.4	176.3	188.8	194.4	207.3	216.6	226.6
	1738	106.9	126.9	142.8	159.1	168.2	173.4	187.6	191.3	194.0	203.3
	1739	107.5	131.3	142.0	160.2	169.3	179.4	186.7	190.3	198.0	199.7
	1740	124.2	141.5	153.5	169.9	169.6	186.8	199.2	206.7	199.2	207.1
	1741	111.6	133.1	151.3	170.4	180.4	187.8	196.4	204.9	206.1	205.8
	1742	103.5	129.0	141.1	158.2	166.6	175.0	186.3	193.0	199.3	198.3
	1743	108.6	134.2	147.2	164.5	173.3	181.8	189.4	199.0	203.2	210.6
	1744	120.6	145.4	151.8	165.2	170.9	179.7	188.7	196.7	202.5	205.0
	1745	99.4	124.6	130.5	147.8	157.4	165.5	170.3	174.4	177.4	183.0
	1746	110.9	136.4	146.9	159.8	168.9	177.4	182.4	192.2	199.0	203.9
	1747	149.8	178.9	194.4	216.9	223.1	238.3	248.7	249.3	256.4	267.3
	1748	129.5	150.8	162.4	176.1	186.6	195.6	204.2	211.9	204.1	211.6
	1749	101.9	125.3	138.1	160.0	170.2	176.7	189.3	200.9	200.6	204.7
	1750	140.7	165.2	174.4	187.9	203.4	208.1	219.2	221.9	229.4	238.0
	1751	108.0	131.9	142.0	153.3	169.9	175.9	190.9	189.3	199.1	209.7
	1752	97.6	119.9	131.9	148.8	157.9	170.9	176.9	180.5	184.1	189.3
	1753	132.9	151.1	154.5	170.4	175.4	183.9	190.6	196.9	201.8	203.2
	1754	119.5	147.9	158.7	171.0	184.2	200.6	205.4	213.0	222.4	225.7
	1755	112.8	144.5	161.9	193.9	206.1	218.4	228.4	240.8	246.4	253.3
	1756	113.1	132.0	150.3	164.2	174.7	183.6	189.9	196.0	199.8	201.7

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
E2F	1757	110.9	138.1	146.7	161.6	169.2	182.4	183.6	200.2	204.3	215.4
	1758	135.8	158.7	171.1	187.0	198.7	203.9	210.2	219.7	222.2	223.3
	1759	89.6	119.6	131.2	151.8	173.9	176.2	186.3	195.4	198.7	207.8
	1760	116.7	139.3	147.1	161.2	177.3	181.9	185.8	184.7	193.8	201.1
	1761	104.5	124.0	137.8	153.5	163.6	174.6	184.9	188.8	190.2	196.9
	1762	125.5	145.9	156.4	163.2	174.9	184.0	186.9	191.4	196.6	207.2
	1763	93.0	108.5	120.0	136.1	148.7	152.4	160.6	168.4	176.6	178.6
	1764	95.2	136.0	149.1	158.0	167.3	176.4	184.2	193.5	195.7	200.2
	1765	115.1	135.2	148.8	156.2	169.1	176.9	184.8	183.6	189.5	194.1
	1766	95.6	115.7	129.7	151.9	165.2	172.4	181.7	192.0	192.7	194.1
	1767	110.4	133.9	151.4	163.5	172.8	187.5	195.8	201.0	199.0	208.7
	1768	116.5	137.5	150.7	165.4	176.9	184.7	191.7	197.3	193.9	202.0
	1769	92.1	124.5	139.7	158.6	173.9	182.9	190.9	201.8	203.7	208.7
	1770	109.3	138.1	147.1	161.0	177.2	185.4	188.6	200.8	209.9	212.0
	1771	122.8	143.6	162.9	167.2	172.3	186.4	197.9	206.3	206.7	212.3
	1772	128.8	151.7	157.6	175.4	179.4	184.8	186.4	192.2	197.1	199.3
	1773	126.5	146.4	158.0	169.9	181.6	185.7	190.9	193.0	208.8	213.5
	1774	102.4	130.6	147.5	157.9	175.2	185.7	184.7	191.8	201.6	210.4
	1775	117.5	130.3	138.4	155.2	163.9	168.2	176.1	183.0	183.4	188.0
	1776	124.6	140.0	152.7	161.2	168.3	175.6	180.7	182.7	187.8	190.5
	1777	109.7	141.6	148.7	164.6	181.3	183.8	189.2	201.7	203.3	205.6
	1778	125.1	145.4	151.3	163.4	176.7	183.5	190.1	198.0	201.8	207.1
	1779	99.7	139.5	141.7	159.7	174.1	185.2	190.5	202.4	204.1	210.0
	1780	101.0	128.3	142.4	161.1	176.7	190.2	200.6	205.5	215.4	220.4

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
E5F	1821	109.9	165.9	179.6	193.9	203.5	210.3	218.4	220.3	223.1	223.7
	1822	124.1	144.3	154.0	165.4	171.7	178.0	179.2	186.9	187.3	187.3
	1823	111.1	131.5	147.8	161.4	172.8	178.9	181.9	187.1	191.6	196.4
	1824	104.1	128.2	140.3	153.6	159.7	169.5	178.8	181.8	191.4	193.1
	1825	124.4	141.8	153.0	163.7	177.1	186.2	192.5	193.8	202.2	199.9
	1826	148.3	151.7	161.5	168.2	177.4	188.1	192.5	195.8	199.4	205.6
	1827	124.8	150.6	158.1	174.9	188.9	190.6	200.0	204.2	213.2	214.1
	1828	103.4	119.5	125.1	139.7	145.1	153.1	151.3	167.5	166.7	172.7
	1829	138.0	155.2	166.7	175.7	187.9	194.2	196.4	203.0	211.1	210.2
	1830	106.3	134.2	141.4	158.5	171.9	180.2	181.2	199.1	201.5	207.3
	1831	103.1	122.3	128.2	143.9	148.4	153.8	161.9	165.1	175.0	177.6
	1832	115.2	141.8	160.2	181.6	195.8	205.7	213.0	217.4	221.2	225.4
	1833	99.4	125.2	139.8	155.8	168.6	177.0	183.6	185.7	190.9	194.2
	1834	113.8	132.9	147.9	160.7	169.7	182.5	192.0	203.2	201.9	206.5
	1835	108.3	137.8	154.2	168.5	180.7	199.4	201.7	211.4	215.8	226.0
	1836	107.6	130.1	138.4	157.7	168.0	179.8	183.5	196.5	202.1	206.6
	1837	100.1	111.7	121.0	131.7	139.8	145.5	153.8	161.6	160.4	161.7
	1838	105.5	129.3	132.6	155.0	164.3	171.3	173.7	190.2	188.3	192.1
	1839	94.7	121.5	130.5	142.8	150.3	158.2	161.0	159.2	169.2	177.4
	1840	121.3	146.4	157.3	164.6	172.4	184.9	190.0	190.4	193.0	197.1
	1841	127.9	147.8	161.2	173.2	181.2	195.1	201.9	210.9	210.5	213.2
	1842	120.6	135.5	145.7	156.1	163.4	167.2	173.1	183.5	184.6	187.1
	1843	102.4	125.8	136.8	155.2	164.0	166.4	173.6	180.5	187.3	186.4
	1844	96.9	118.4	132.3	145.3	154.8	160.0	171.0	174.5	168.4	179.8
	1845	122.5	140.4	148.0	163.7	174.2	180.1	187.6	193.1	197.1	201.1
	1846	109.5	138.4	151.0	174.0	184.0	194.8	202.2	207.0	214.6	220.1

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
E5F	1847	116.4	133.1	138.6	155.2	168.4	173.8	175.3	181.4	187.6	188.4
	1848	126.4	149.2	156.9	170.8	180.5	189.3	191.7	193.5	198.3	197.5
	1849	113.1	134.9	139.5	153.4	161.5	166.9	178.3	188.9	189.7	193.9
	1850	97.4	124.7	136.2	153.3	163.4	171.0	173.1	185.5	182.8	187.9
	1851	106.6	127.7	141.6	158.5	168.2	174.7	184.3	187.7	194.2	199.3
	1852	118.3	140.9	153.7	167.1	175.6	182.8	192.6	200.9	200.9	208.4
	1853	88.6	116.2	126.3	148.2	163.6	169.9	179.0	187.4	192.6	197.8
	1854	125.8	147.7	157.4	168.4	178.5	187.5	190.7	197.8	197.6	204.5
	1855	101.5	112.5	130.3	136.3	155.6	163.2	174.6	173.0	174.6	182.7
	1856	92.4	123.4	137.7	164.1	176.0	184.9	193.5	197.5	195.9	208.8
	1857	114.7	141.4	149.9	165.2	173.5	178.3	187.8	190.5	197.9	202.5
	1858	112.0	135.8	150.9	165.9	174.2	185.9	198.3	205.9	205.5	211.5
	1859	118.1	132.8	136.1	153.7	160.1	163.7	170.7	176.5	182.5	187.4
	1860	109.5	130.3	140.5	147.6	162.4	167.4	171.0	180.7	183.4	184.8
	1861	100.5	125.1	131.6	155.3	164.2	175.1	180.0	187.6	194.3	196.7
	1862	131.8	151.0	155.4	170.5	180.1	188.4	197.0	198.1	200.9	205.6
	1863	98.5	122.0	126.5	138.4	150.8	159.7	161.4	162.3	169.5	170.3
	1864	142.3	160.2	164.6	176.6	190.1	196.0	201.9	208.0	207.2	212.4
	1865	135.5	156.2	166.4	178.4	192.4	197.0	207.0	208.3	216.9	223.0
	1866	129.6	149.4	157.5	168.8	174.7	183.1	189.1	196.9	202.8	206.4
	1867	91.0	123.9	131.4	147.7	160.2	168.4	173.0	178.7	187.4	194.4
	1868	133.8	157.5	153.8	175.0	186.8	196.3	195.8	211.3	203.4	217.7
	1869	101.7	119.0	132.9	150.1	165.2	172.6	180.8	183.6	189.9	191.7
	1870	83.8	113.5	125.1	140.1	157.8	169.4	178.0	182.4	183.9	191.8
	1871	116.9	146.2	157.4	167.3	182.5	193.4	197.3	204.5	205.3	209.5
	1872	89.4	118.1	129.1	144.9	169.0	183.4	178.0	192.2	193.4	207.7
	1873	110.5	135.9	150.0	166.8	178.7	183.0	185.5	200.1	207.2	208.5

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		-7	1	7	14	21	28	35	42	49	56
E5F	1874	132.0	150.9	164.1	179.1	186.3	192.8	191.4	205.1	211.5	209.7
	1875	107.2	131.7	145.7	157.0	163.1	174.3	181.9	186.5	182.8	193.8
	1876	113.0	139.3	149.1	170.3	184.6	192.4	198.5	210.5	217.0	224.1
	1877	108.3	131.9	149.5	168.8	180.8	191.7	199.3	206.9	216.3	217.9
	1878	120.3	142.6	146.1	167.7	173.3	181.5	186.9	192.9	195.5	200.1
	1879	94.1	116.8	132.5	147.4	152.6	171.4	180.4	187.0	185.7	195.9
	1880	112.4	132.7	142.4	153.8	161.8	167.5	176.1	184.1	187.0	191.6

Table F-4. Individual Animal Body Weight (g) Data – Females

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
CF	1121	220.9	221.4	217.6	228.0	230.5	233.4	250.4	246.6	259.9	261.9
	1122	222.2	224.5	218.6	228.9	232.0	240.1	241.7	249.1	262.2	262.8
	1123	263.5	267.5	274.6	278.1	283.6	291.4	300.7	311.2	321.2	334.9
	1124	252.0	249.0	258.6	259.7	261.1	264.1	284.6	294.0	297.2	302.9
	1125	230.6	226.5	235.7	235.8	236.1	235.8	240.4	241.1	242.1	242.8
	1126	197.1	209.8	209.1	212.7	210.0	217.4	208.0	224.4	227.1	237.3
	1127	216.3	229.5	232.3	233.1	223.9	222.8	237.8	235.8	243.9	246.4
	1128	225.0	221.0	233.1	236.2	236.4	234.4	241.4	247.3	254.6	258.2
	1129	199.7	206.8	205.1	207.8	210.2	216.0	226.7	224.8	235.4	244.3
	1130	218.2	217.5	224.8	225.2	226.3	230.6	231.0	228.3	232.7	245.9
	1131	210.5	213.6	218.2	217.4	214.1	219.1	221.6	212.5	226.7	232.2
	1132	205.1	201.7	215.7	208.1	214.3	215.3	229.1	218.4	228.1	237.3
	1133	221.7	232.4	229.5	233.8	236.2	248.3	251.6	245.2	256.9	277.1
	1134	211.5	212.3	218.3	224.1	224.3	230.7	240.1	241.5	238.8	252.6
	1135	206.1	208.6	219.9	220.9	223.9	229.8	251.4	241.5	246.0	259.8
	1136	219.6	219.3	223.2	224.1	224.4	232.5	235.5	243.2	252.6	256.4
	1137	188.5	187.8	197.4	195.7	199.4	205.1	211.0	212.2	217.6	220.7
	1138	195.8	207.5	210.2	208.5	204.4	208.7	209.4	221.7	225.4	223.0
	1139	241.6	249.4	248.6	243.7	249.3	252.1	255.0	262.4	272.8	248.4
	1140	222.3	238.0	226.8	235.7	243.0	246.9	242.6	258.2	252.7	258.9
	1141	192.2	195.1	190.1	200.4	204.1	213.0	210.3	214.7	218.6	215.4
	1142	243.4	233.3	243.7	252.8	251.6	266.4	274.3	269.2	294.3	283.7
	1143	220.6	222.6	228.7	230.1	230.9	237.2	244.7	243.3	251.4	264.3
	1144	254.6	256.1	249.9	261.2	265.0	274.5	278.7	286.0	284.5	301.3
	1145	203.9	210.1	202.1	217.3	219.7	221.6	231.9	234.0	246.2	251.7
	1146	211.2	221.7	227.8	222.5	219.0	223.9	233.0	243.3	246.8	250.8
	1147	215.4	220.4	223.3	232.1	235.0	241.5	256.6	248.0	268.5	281.6

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
CF	1148	200.9	205.6	209.6	209.2	212.5	218.1	223.2	216.5	222.4	232.0
	1149	196.4	197.8	212.2	216.0	216.8	218.9	224.1	218.3	226.9	234.1
	1150	226.3	232.2	237.1	238.6	239.5	249.6	251.3	257.9	268.2	274.3
	1151	240.6	242.5	240.2	248.6	247.2	254.6	261.4	259.8	256.8	265.9
	1152	174.4	171.6	180.7	184.2	185.0	201.9	193.6	201.8	201.6	218.0
	1153	206.5	213.8	217.9	222.1	223.0	231.9	254.0	240.3	259.8	268.4
	1154	217.7	221.9	224.5	223.2	226.8	232.7	247.6	245.0	246.0	261.6
	1155	207.8	210.3	220.1	219.1	227.7	235.6	244.8	253.1	260.9	260.3
	1156	249.9	256.3	252.7	265.2	273.1	286.6	294.1	300.4	313.0	321.0
	1157	181.8	177.7	190.1	177.8	191.3	196.1	200.4	209.1	211.9	220.3
	1158	213.0	213.9	215.6	222.7	220.6	225.1	232.1	230.6	244.3	245.9
	1159	231.7	237.6	239.7	241.8	242.7	249.1	262.0	259.9	270.1	267.5
	1160	259.1	258.1	266.8	272.5	275.6	291.1	289.1	305.1	284.0	302.7
	1161	227.0	237.4	246.9	244.8	240.7	252.4	250.3	270.2	255.3	276.1
	1162	229.5	232.0	232.1	234.0	242.2	247.2	255.3	256.3	248.6	272.9
	1163	191.5	199.9	202.5	198.2	205.1	215.3	219.8	216.8	224.1	229.7
	1164	183.9	189.6	187.7	194.2	196.2	199.7	208.8	215.5	222.8	226.9
	1165	192.9	203.4	200.3	200.0	199.0	209.9	220.4	211.6	229.2	233.4
	1166	209.2	214.0	216.4	218.8	222.7	225.4	234.6	243.5	257.0	267.1
	1167	206.5	211.2	214.1	213.1	214.4	225.3	232.5	235.4	246.2	245.8
	1168	245.6	236.6	244.6	245.2	250.7	251.8	252.2	258.7	259.4	261.8
	1169	201.2	206.6	223.6	220.9	217.0	218.7	226.5	231.7	239.0	249.4
	1170	215.0	206.2	219.4	222.4	223.3	231.5	231.3	230.7	240.1	246.2
	1171	219.1	220.0	224.1	230.6	225.8	229.2	235.5	233.3	231.7	243.5
	1172	232.7	230.7	242.9	241.7	249.4	252.3	259.7	264.2	270.4	256.0
	1173	195.4	198.2	198.7	199.8	205.0	208.9	217.6	226.5	238.4	229.0
	1174	236.1	240.5	249.8	239.5	251.1	264.7	262.7	274.3	277.4	267.0

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
CF	1175	230.0	241.4	232.4	230.6	240.8	247.7	253.7	248.3	251.9	258.5
	1176	227.5	233.8	220.2	232.7	239.5	249.0	257.2	261.7	248.3	257.7
	1177	206.9	221.4	223.6	215.8	224.4	235.2	241.5	234.3	237.3	249.8
	1178	195.2	204.3	207.6	201.8	209.1	220.8	219.8	233.3	227.3	233.3
	1179	225.8	228.1	227.8	228.8	231.9	246.8	240.7	250.9	250.6	263.0
	1180	210.8	217.5	217.2	215.6	220.3	224.9	235.5	250.3	243.1	248.5
CBF	1201	230.6	231.5	230.3	235.1	234.8	243.3	247.1	250.5	256.0	266.8
	1202	237.3	235.8	237.5	247.9	251.9	262.6	267.8	271.0	271.2	277.6
	1203	223.2	235.8	232.1	236.3	246.0	254.3	261.8	263.1	275.0	287.6
	1204	238.9	238.1	228.8	241.3	245.1	244.1	252.4	249.1	257.7	255.9
	1205	218.0	218.1	216.3	227.5	225.4	232.7	239.2	243.0	248.4	253.0
	1206	209.8	206.9	217.4	220.8	218.9	228.9	229.8	233.8	244.5	241.3
	1207	232.2	236.1	233.0	246.1	247.0	259.7	266.4	274.3	266.9	263.6
	1208	237.2	239.3	235.3	250.1	254.5	260.0	263.2	260.4	258.0	266.0
	1209	227.3	226.9	233.2	241.7	238.9	251.7	249.8	255.7	259.8	256.5
	1210	228.1	237.5	237.1	240.0	241.7	250.9	253.9	242.3	251.9	258.3
	1211	220.5	217.5	229.6	233.0	233.6	243.1	251.4	245.1	255.8	267.7
	1212	223.5	224.3	227.4	233.2	238.3	247.5	251.3	245.3	254.5	255.1
	1213	274.7	274.7	268.8	279.7	292.0	302.7	318.6	301.7	309.2	323.8
	1214	202.1	206.2	209.5	207.0	207.6	220.6	222.1	228.4	239.9	242.7
	1215	218.3	217.9	213.3	216.7	228.4	243.8	240.6	255.4	263.0	258.3
	1216	215.0	222.0	226.9	226.5	223.9	228.0	237.2	234.2	242.5	247.8
	1217	177.0	194.1	200.3	201.7	202.1	211.5	222.8	222.6	237.2	242.8
	1218	215.5	228.4	230.0	227.6	233.9	234.7	236.3	235.0	244.1	242.3
	1219	198.0	194.6	201.9	204.2	207.7	219.3	222.3	221.9	231.4	232.2
	1220	219.9	225.4	224.2	227.1	233.1	246.2	250.5	252.9	255.3	262.7

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
CBF	1221	212.8	224.8	231.9	230.7	229.1	237.7	241.9	253.5	257.2	265.2
	1222	239.6	246.4	251.9	259.6	254.7	266.4	269.0	270.4	286.0	296.1
	1223	210.8	224.7	214.0	229.3	231.6	231.4	239.2	240.9	246.8	262.0
	1224	233.2	227.2	234.1	239.9	240.1	251.2	249.4	254.3	273.8	270.1
	1225	226.2	232.3	234.7	235.1	240.6	244.4	253.4	256.1	262.8	266.0
	1226	203.8	201.4	202.8	214.1	211.8	212.4	221.1	213.4	229.4	221.0
	1227	218.2	227.5	231.9	235.4	235.1	235.7	251.8	238.1	251.4	232.0
	1228	224.9	224.0	227.8	233.5	232.6	233.8	238.3	239.9	243.1	248.2
	1229	202.3	211.6	215.6	214.0	215.7	228.2	234.7	236.4	252.7	244.6
	1230	220.5	214.2	222.3	226.6	225.3	234.0	236.2	244.0	252.1	250.4
	1231	202.9	221.7	234.9	231.8	238.2	250.5	249.6	259.7	258.2	272.0
	1232	212.9	230.3	237.1	243.5	239.7	249.6	246.6	251.9	263.4	264.1
	1233	202.6	223.5	227.5	228.9	226.5	235.4	239.9	240.9	255.0	252.6
	1234	196.2	205.2	199.5	195.1	205.6	212.2	212.8	215.5	218.1	220.2
	1235	206.1	210.8	211.6	212.7	220.1	224.6	233.6	228.0	235.8	243.5
	1236	226.3	238.1	238.4	229.1	246.2	253.3	256.3	260.8	264.6	260.2
	1237	183.5	191.2	193.4	192.6	199.8	201.5	206.9	202.8	211.6	215.8
	1238	220.3	229.1	229.9	247.4	251.0	265.1	253.5	254.3	273.8	285.4
	1239	213.3	211.2	222.4	224.5	221.9	229.7	229.1	221.4	237.6	253.3
	1240	224.3	225.7	223.9	231.2	231.8	237.9	240.4	243.1	251.8	256.7
	1241	214.8	213.0	213.5	220.3	223.4	242.9	242.4	235.5	254.4	259.2
	1242	239.9	251.5	253.1	256.3	253.6	257.3	283.0	272.0	272.9	284.5
	1243	226.5	230.7	235.7	231.7	235.9	243.0	249.3	245.3	245.6	257.6
	1244	195.6	200.3	197.8	202.7	212.0	216.6	222.8	213.8	212.1	220.5
	1245	259.6	259.2	269.3	270.7	270.2	289.2	297.1	290.8	296.2	307.3
	1246	239.3	248.8	250.6	250.7	253.2	256.4	265.0	263.8	266.3	282.0
	1247	244.4	246.6	254.8	253.0	257.6	267.6	274.1	263.3	280.4	279.5

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
CBF	1248	251.3	257.6	263.6	267.1	262.7	255.6	248.4	237.3	257.2	257.5
	1249	194.7	197.6	198.4	203.1	208.0	210.6	213.1	207.0	215.2	216.9
	1250	218.6	228.4	227.6	230.4	241.2	255.2	266.5	279.9	274.8	284.5
	1251	206.0	210.7	214.3	217.2	221.4	222.5	228.6	229.7	231.8	235.4
	1252	214.1	214.5	210.4	217.4	220.5	227.1	228.9	231.7	238.0	241.3
	1253	184.0	184.8	188.2	193.0	189.1	196.0	199.0	202.0	206.2	198.6
	1254	206.0	212.7	213.4	216.0	217.1	221.5	222.1	225.1	237.4	235.4
	1255	207.1	211.1	208.8	205.7	218.7	222.5	229.3	231.4	226.4	241.8
	1256	175.7	185.0	192.5	191.8	192.9	198.3	203.3	210.6	213.6	218.0
	1257	197.2	213.9	205.8	212.7	219.3	221.8	225.3	225.8	230.6	230.7
	1258	196.8	199.1	197.1	202.4	205.0	214.1	219.7	216.3	226.0	225.5
	1259	216.3	213.9	223.2	232.1	230.0	239.8	247.8	252.5	254.4	250.5
	1260	206.4	206.2	205.2	211.0	211.6	223.6	226.3	225.9	239.4	243.1
B0.2F	1321	218.0	229.2	224.3	228.1	229.8	243.1	250.5	251.8	263.2	260.7
	1322	194.5	207.0	209.7	210.0	209.2	213.2	215.6	221.8	224.6	225.4
	1323	199.5	203.2	204.7	207.9	213.8	217.0	221.8	228.0	240.6	235.0
	1324	201.9	204.8	207.6	208.8	210.1	218.5	221.3	226.1	236.5	232.9
	1325	219.9	216.9	229.5	234.9	235.2	242.9	254.3	248.9	260.1	255.0
	1326	241.9	243.8	245.7	245.7	257.3	253.7	285.7	287.8	301.1	292.9
	1327	208.6	205.1	208.9	205.3	210.7	210.9	227.5	228.6	233.0	233.2
	1328	246.8	240.2	247.2	251.6	254.9	257.6	275.5	283.3	287.8	293.3
	1329	223.2	225.2	226.7	227.3	231.0	240.4	243.0	243.2	245.5	254.2
	1330	202.3	213.8	215.0	216.8	225.2	233.9	234.9	241.3	243.7	258.7
	1331	210.5	211.7	214.7	212.5	224.1	230.0	232.9	241.7	243.3	239.4
	1332	198.1	200.3	202.7	203.3	205.4	216.6	217.3	221.4	219.8	224.6
	1333	238.4	242.1	242.2	245.8	250.5	252.7	255.7	258.6	266.9	271.1

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
B0.2F	1334	187.9	192.9	191.8	194.9	199.3	205.7	214.4	211.3	222.7	227.0
	1335	207.0	209.0	204.4	212.9	216.3	220.9	225.7	227.9	238.2	235.2
	1336	221.8	234.1	238.9	239.9	236.3	247.8	252.7	253.6	253.9	258.1
	1337	224.7	231.1	237.2	240.4	238.2	247.6	257.0	266.4	279.4	277.5
	1338	220.5	219.9	228.4	237.2	233.1	236.6	242.6	243.0	252.0	246.9
	1339	245.8	248.5	245.6	253.1	261.3	267.9	269.1	283.0	290.8	282.3
	1340	227.3	226.1	229.2	236.9	239.1	246.2	249.5	255.2	264.5	261.1
	1341	193.9	194.8	203.8	198.5	204.7	210.5	212.0	213.7	220.7	210.7
	1342	246.5	252.9	247.9	252.5	244.6	259.4	266.2	261.4	279.2	285.7
	1343	223.4	238.8	238.3	243.5	237.5	250.9	259.5	250.7	273.9	276.2
	1344	235.7	242.3	240.3	246.7	243.8	254.4	266.4	265.3	286.4	288.5
	1345	220.4	218.1	221.5	226.0	229.4	236.3	240.9	242.7	249.6	261.0
	1346	192.9	197.9	198.1	200.1	207.7	203.3	216.5	212.2	226.4	228.5
	1347	249.8	251.7	255.3	262.9	262.1	274.3	284.1	283.9	292.2	294.8
	1348	184.2	192.5	192.9	198.0	195.5	201.0	213.6	210.1	222.4	223.2
	1349	186.9	188.1	193.1	198.8	199.1	207.3	211.5	207.4	213.4	213.6
	1350	207.1	213.6	217.9	219.8	218.2	227.5	230.6	235.2	239.1	238.4
	1351	199.7	204.0	205.0	211.5	214.1	215.5	214.9	219.8	223.9	225.4
	1352	198.5	209.0	209.6	212.4	214.3	219.3	223.8	231.3	230.6	232.3
	1353	234.2	227.8	229.9	238.0	248.7	253.9	260.6	254.8	263.4	264.3
	1354	217.4	219.9	214.5	226.7	226.2	234.3	229.2	229.9	245.5	250.8
	1355	208.2	206.4	199.8	210.2	216.7	231.1	237.0	243.7	249.6	246.7
	1356	197.0	195.8	196.2	203.3	201.6	213.6	210.8	218.1	224.9	220.1
	1357	229.5	230.3	227.5	241.0	234.5	240.6	243.9	247.0	253.4	255.8
	1358	221.1	232.3	225.6	236.1	234.3	252.9	257.1	260.3	261.6	262.9
	1359	228.2	222.7	233.0	236.2	235.1	241.4	253.8	252.8	264.4	262.6

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
B0.2F	1360	192.1	205.0	201.2	207.4	201.8	209.4	208.6	221.7	230.5	229.3
	1361	210.6	214.6	215.6	217.7	223.2	233.0	234.3	243.8	254.5	261.9
	1362	250.4	250.7	246.7	241.5	255.0	270.6	271.5	260.2	269.8	267.9
	1363	211.5	212.1	216.6	222.2	224.9	223.8	233.0	243.6	252.7	249.5
	1364	224.7	240.6	240.3	245.3	242.0	258.8	261.3	270.7	275.8	276.4
	1365	198.3	200.8	202.8	204.6	204.7	212.3	212.4	215.1	213.8	214.5
	1366	246.7	253.8	238.1	257.3	250.6	274.2	269.6	279.4	306.4	292.3
	1367	197.1	198.4	196.9	203.8	204.1	206.0	214.0	223.2	229.6	225.4
	1368	202.6	196.8	199.2	204.2	208.6	212.5	211.6	224.7	217.1	225.0
	1369	222.1	226.4	226.3	223.5	230.6	241.8	243.4	233.0	240.3	262.9
	1370	229.1	212.1	210.4	225.0	233.6	240.7	236.7	246.8	245.5	241.5
	1371	208.2	214.1	210.0	216.4	220.5	230.2	228.5	234.6	235.8	238.3
	1372	190.7	202.2	211.6	201.5	210.1	221.8	224.3	227.4	227.9	239.4
	1373	194.9	190.6	191.4	205.8	206.3	208.9	215.8	215.3	221.4	219.7
	1374	182.1	181.6	180.7	186.0	189.2	195.6	197.8	190.0	202.7	200.3
	1375	226.4	234.2	231.4	235.4	238.2	252.0	248.9	246.2	261.4	259.6
	1376	219.0	222.7	224.5	226.6	228.4	235.2	239.1	237.9	245.0	244.6
	1377	235.2	236.2	237.8	240.4	247.7	253.9	255.5	254.3	266.0	260.0
	1378	200.6	199.8	204.1	208.2	206.2	209.5	218.4	219.7	226.6	230.0
	1379	210.1	211.1	213.5	220.4	219.7	231.2	231.6	233.9	246.0	234.6
	1380	208.8	207.3	218.7	218.3	222.8	230.6	223.1	230.9	241.6	243.5
B2F	1421	216.4	218.8	222.0	221.2	225.4	232.3	233.6	221.0	239.1	237.0
	1422	222.7	227.4	228.8	233.1	235.1	248.4	240.9	229.2	244.5	248.8
	1423	207.1	214.4	219.7	220.9	220.9	230.6	231.3	227.8	239.9	242.5
	1424	207.4	208.4	207.5	207.3	216.7	218.0	209.0	216.0	235.9	232.9
	1425	193.2	188.3	192.5	199.9	202.2	205.4	209.5	207.3	216.0	220.0

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
B2F	1426	205.8	219.9	219.6	225.4	219.0	219.1	251.7	221.4	242.4	239.0
	1427	201.0	214.4	204.9	213.6	212.4	226.7	221.4	220.2	233.7	229.3
	1428	173.1	183.0	191.4	196.9	197.5	199.4	200.7	199.4	215.9	214.9
	1429	219.4	232.9	241.1	251.4	260.5	276.6	294.0	294.3	324.9	338.8
	1430	194.8	195.7	188.8	197.6	205.1	207.6	211.7	207.0	216.8	211.7
	1431	230.8	240.6	238.4	241.4	239.1	249.8	248.8	255.9	254.2	259.9
	1432	236.6	228.9	240.1	247.5	243.9	249.6	258.6	249.1	256.7	259.1
	1433	206.6	205.0	210.5	220.0	214.3	218.7	219.9	221.4	232.1	231.7
	1434	208.4	210.8	216.0	223.7	220.3	226.4	230.9	226.3	235.6	239.1
	1435	203.6	210.3	203.7	206.7	207.8	211.9	215.0	213.4	222.5	222.0
	1436	204.3	204.2	202.1	205.6	212.4	222.0	216.5	218.6	227.8	226.8
	1437	202.5	205.3	208.2	203.8	210.0	216.3	227.0	223.5	241.9	229.2
	1438	198.0	188.6	197.7	203.0	204.3	211.4	217.2	215.4	227.8	220.6
	1439	181.0	188.4	190.8	189.5	192.7	203.1	211.9	213.2	223.0	206.6
	1440	201.0	206.0	207.3	211.2	219.5	235.2	235.2	229.6	239.1	241.6
	1441	201.1	205.1	207.0	207.8	210.9	219.9	217.8	228.5	226.0	225.5
	1442	200.8	202.9	209.6	213.4	210.2	219.0	225.6	212.3	232.0	222.4
	1443	224.6	233.6	232.2	229.7	236.4	244.6	254.9	250.7	255.1	271.3
	1444	220.7	220.4	229.2	226.2	233.9	241.8	237.4	232.8	246.2	252.0
	1445	219.1	224.0	217.9	232.5	232.8	247.7	246.3	237.8	254.5	245.2
	1446	218.3	220.3	225.0	229.0	232.1	234.1	249.6	246.6	257.0	261.4
	1447	230.8	234.9	229.8	236.4	237.6	247.3	246.3	248.5	249.1	245.2
	1448	207.0	210.3	213.3	220.5	222.0	227.4	233.3	231.4	238.6	243.3
	1449	178.9	188.1	179.9	193.9	190.9	200.4	202.8	203.6	213.0	214.4
	1450	194.0	195.2	186.8	198.8	201.1	215.3	210.8	212.6	216.1	218.3
	1451	210.9	210.3	217.7	223.9	220.9	229.9	234.8	240.9	241.0	241.4

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
B2F	1452	198.6	195.0	193.1	206.4	210.3	215.6	217.4	216.7	223.3	226.9
	1453	189.4	190.9	184.8	194.4	199.3	207.0	213.2	209.3	216.0	215.6
	1454	224.4	226.0	228.3	233.6	237.6	244.1	237.2	239.1	245.6	250.3
	1455	206.0	209.0	214.9	215.9	216.5	221.4	220.0	208.2	229.3	229.4
	1456	184.4	194.7	194.0	200.9	200.2	202.1	205.8	214.2	209.6	214.5
	1457	171.0	190.0	194.0	199.1	196.4	206.0	208.1	211.8	224.3	229.6
	1458	238.2	272.3	268.4	267.4	271.9	284.8	287.0	285.6	301.6	296.9
	1459	195.7	209.2	214.5	214.3	217.1	219.3	229.5	220.0	239.7	235.9
	1460	191.7	196.2	197.2	195.0	204.1	201.2	210.8	208.3	218.0	222.9
	1461	212.4	216.5	217.1	216.9	216.8	228.1	232.1	229.9	243.5	252.3
	1462	203.5	202.0	204.3	208.3	211.7	217.2	218.0	214.2	225.1	222.4
	1463	208.3	209.7	210.8	217.7	225.5	228.7	229.2	232.2	238.2	239.9
	1464	210.3	204.2	212.0	209.6	216.6	220.7	230.6	229.0	243.9	239.2
	1465	204.4	211.2	213.4	214.9	221.6	228.5	232.9	236.8	240.2	238.5
	1466	233.1	225.9	235.5	232.9	235.9	242.6	248.0	248.9	250.8	258.7
	1467	184.1	189.0	193.4	203.7	201.5	210.4	208.5	206.4	219.6	223.6
	1468	200.9	200.9	205.2	211.8	211.6	215.4	212.0	216.7	226.0	227.3
	1469	203.5	203.3	195.0	205.9	217.8	221.4	210.2	214.5	221.8	214.8
	1470	216.3	217.3	208.4	217.6	224.2	233.9	234.1	235.8	243.9	240.9
	1471	211.1	212.6	210.3	221.1	216.5	232.8	232.2	242.2	248.9	245.0
	1472	193.0	196.2	190.4	200.3	204.5	210.2	212.8	212.8	213.5	216.4
	1473	230.0	229.3	235.1	240.3	242.9	238.5	253.4	240.9	254.4	253.0
	1474	200.1	200.0	196.9	208.7	207.6	214.0	219.3	214.0	226.7	223.4
	1475	224.4	232.7	233.3	234.9	237.1	248.7	251.9	252.5	259.2	259.1
	1476	200.7	200.2	203.8	208.8	209.8	221.9	221.1	221.7	239.7	232.7
	1477	193.1	200.1	197.8	202.1	209.9	221.1	224.2	223.3	230.2	234.0

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
B2F	1478	223.6	228.5	226.4	229.5	238.1	250.0	249.7	248.4	254.3	261.9
	1479	207.3	211.6	206.4	207.3	227.7	215.1	214.2	215.8	222.0	218.4
	1480	215.9	213.2	213.9	225.8	212.1	230.2	239.7	239.0	247.1	254.2
B5F	1521	164.3	175.9	178.6	174.7	181.4	179.8	176.1	174.0	174.8	179.9
	1522	187.4	193.7	200.7	205.2	208.6	214.9	210.2	218.9	213.5	220.7
	1523	208.3	212.4	217.0	221.1	217.5	228.2	227.9	224.1	236.8	238.5
	1524	166.7	166.0	173.3	177.0	175.2	183.9	186.1	182.2	194.0	190.1
	1525	203.2	212.3	209.0	207.4	209.5	214.6	214.7	217.7	223.4	223.3
	1526	212.3	223.3	225.4	231.8	231.2	229.5	228.2	232.7	247.7	240.9
	1527	186.5	191.9	186.8	198.3	193.9	193.3	192.6	200.0	205.8	203.1
	1528	225.8	226.3	234.2	236.2	239.2	249.6	251.4	252.8	260.6	259.0
	1529	187.1	187.9	193.6	200.8	197.5	208.1	206.3	207.0	215.2	212.2
	1530	201.5	215.9	220.3	225.6	225.8	229.9	222.4	235.9	247.8	243.4
	1531	185.9	182.5	189.8	196.8	200.6	197.0	204.8	202.4	202.2	209.0
	1532	198.3	202.2	205.5	208.5	208.7	215.0	217.2	219.8	226.2	230.5
	1533	210.8	217.8	216.4	216.3	220.8	221.6	230.4	227.7	231.8	232.8
	1534	221.9	223.3	231.2	232.4	228.7	232.9	239.6	237.2	235.7	243.6
	1535	194.1	196.0	200.7	210.5	203.1	212.0	215.2	211.3	219.2	220.7
	1536	187.5	198.7	198.9	203.5	200.3	202.2	205.6	208.5	204.6	212.7
	1537	204.1	208.0	204.2	212.8	215.0	219.7	229.3	248.6	247.3	255.2
	1538	212.8	212.3	221.3	214.8	219.8	223.2	218.8	229.3	227.6	231.3
	1539	196.3	201.1	204.5	207.2	208.4	208.7	212.2	216.4	214.4	222.1
	1540	194.2	201.6	204.1	202.9	203.8	211.1	209.1	216.3	208.9	214.8
	1541	197.3	199.7	204.8	201.1	202.4	206.6	217.9	222.7	215.8	217.8
	1542	201.1	206.6	209.9	208.7	210.2	209.4	212.4	210.0	211.5	213.7
	1543	185.6	185.6	190.6	192.9	195.6	197.7	198.3	197.2	198.0	203.7

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
BF5	1544	178.8	186.1	194.6	189.2	192.9	194.1	192.4	191.6	197.7	199.7
	1545	186.1	188.4	190.2	199.3	190.3	196.6	199.6	200.6	201.0	206.4
	1546	196.9	203.4	208.5	207.6	211.4	218.4	222.3	218.7	209.0	234.2
	1547	197.6	197.5	206.1	206.6	208.0	214.4	216.0	206.1	198.0	223.6
	1548	194.3	190.5	195.8	206.0	200.1	205.3	207.9	216.3	213.5	216.4
	1549	183.6	195.6	204.3	198.6	204.2	213.3	212.7	213.0	219.7	220.9
	1550	203.7	208.1	210.9	210.9	211.5	218.7	225.9	227.3	228.7	236.3
	1551	197.5	210.0	208.1	211.5	211.3	219.1	219.2	221.8	225.3	232.4
	1552	192.7	195.5	193.8	197.1	202.6	199.6	208.3	210.1	213.6	214.7
	1553	199.9	203.2	198.9	208.7	208.5	212.1	213.3	214.4	215.9	220.3
	1554	220.9	223.0	224.1	226.6	234.0	239.2	236.2	246.6	247.6	242.1
	1555	217.6	223.2	230.4	232.3	235.3	234.8	230.8	235.7	243.5	233.2
	1556	189.3	195.0	190.9	207.7	200.3	202.6	202.1	202.7	200.6	206.0
	1557	236.2	236.9	237.2	240.0	238.2	250.2	247.5	254.2	259.3	259.2
	1558	190.2	192.5	194.7	194.6	196.2	200.2	205.0	204.1	213.0	212.3
	1559	189.3	199.2	196.6	196.7	208.1	214.5	213.1	211.9	222.8	221.0
	1560	216.6	223.9	211.9	215.5	231.7	243.5	230.8	227.4	236.7	237.4
	1561	198.9	204.0	204.7	208.9	211.4	217.7	222.3	222.7	236.1	235.3
	1562	180.1	184.2	185.4	185.5	187.2	187.6	185.9	193.6	190.6	189.1
	1563	200.4	209.3	213.3	209.2	213.6	218.7	221.5	228.0	242.9	235.2
	1564	215.3	209.6	215.0	211.8	219.9	218.1	218.0	228.3	227.6	223.7
	1565	198.1	209.9	212.4	207.2	208.4	222.9	221.4	211.4	222.4	220.1
	1566	190.8	187.9	192.8	197.7	196.3	204.5	207.0	205.9	207.4	212.0
	1567	206.4	208.2	211.9	219.0	215.8	224.3	223.3	232.6	232.5	234.5
	1568	172.4	176.5	178.4	179.2	183.9	189.7	192.0	193.6	193.0	200.3
	1569	204.8	211.3	196.8	200.4	206.1	228.7	219.2	232.5	222.7	230.0
	1570	214.3	214.0	216.3	215.4	223.1	226.2	234.6	236.6	235.9	244.4

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
B5F	1571	203.8	205.4	208.4	215.6	214.6	220.2	223.8	219.5	234.6	236.0
	1572	186.0	191.8	197.9	195.3	197.6	196.7	203.0	198.1	207.5	212.8
	1573	186.3	191.6	194.0	192.1	200.8	199.1	201.5	203.7	204.6	208.7
	1574	202.6	207.2	211.9	211.0	212.1	213.5	219.2	216.2	219.7	227.3
	1575	195.4	197.8	203.3	203.3	205.7	211.7	212.7	205.9	211.0	216.3
	1576	219.4	221.2	229.4	225.9	229.9	234.6	247.1	244.8	253.4	253.4
	1577	209.3	208.2	215.1	221.4	225.5	226.1	224.5	228.2	233.3	236.0
	1578	202.9	203.3	205.5	212.1	218.5	218.1	223.1	209.9	226.8	220.4
	1579	174.5	180.7	182.2	189.3	179.8	190.9	193.3	201.9	200.0	206.4
	1580	205.4	210.8	215.4	220.6	218.5	219.9	221.9	222.1	232.3	240.4
E0.2F	1621	214.4	215.3	219.2	226.5	228.4	243.1	244.5	254.4	260.9	266.9
	1622	229.0	234.0	233.0	237.9	244.0	251.8	260.0	255.3	266.5	268.5
	1623	247.9	252.6	250.0	255.5	258.3	270.8	273.8	275.1	282.8	286.7
	1624	197.5	200.0	201.1	205.4	207.1	216.6	217.3	219.8	226.4	230.2
	1625	239.4	245.7	250.8	255.6	251.9	257.1	259.6	258.4	267.4	272.6
	1626	230.5	226.0	236.8	241.1	232.2	250.0	262.1	265.6	284.5	291.6
	1627	202.7	206.0	209.0	212.6	220.5	217.2	255.1	235.4	240.0	248.8
	1628	199.9	205.2	210.3	213.0	212.0	217.1	226.5	237.9	244.5	247.4
	1629	189.5	197.9	198.7	200.6	200.0	215.7	211.3	215.8	222.8	225.4
	1630	223.1	227.2	218.6	225.4	229.7	243.6	238.0	236.0	248.8	259.0
	1631	195.7	201.8	204.0	205.5	209.0	213.5	219.0	225.6	225.4	216.3
	1632	213.3	213.4	224.6	220.0	230.3	239.2	254.2	250.0	264.1	267.9
	1633	218.8	224.6	225.8	229.8	236.3	241.3	242.3	242.1	248.7	253.3
	1634	234.4	241.6	233.5	249.5	253.3	272.5	278.2	287.3	300.9	307.8
	1635	190.0	193.7	198.9	200.3	204.1	212.8	205.6	216.1	224.8	227.8
	1636	268.1	274.0	277.7	276.2	276.5	295.7	305.5	314.0	325.5	353.1

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
E0.2F	1637	246.5	243.1	252.9	255.1	252.9	256.1	259.7	250.2	256.4	265.0
	1638	224.3	228.0	228.3	233.3	234.3	251.2	252.9	258.0	261.2	270.8
	1639	234.2	249.7	252.7	250.0	237.9	277.2	268.3	267.5	265.1	271.9
	1640	234.8	240.5	243.6	245.0	244.9	258.8	262.0	256.7	270.8	275.4
	1641	214.0	224.0	227.5	237.6	231.8	240.4	241.3	249.3	245.5	255.0
	1642	230.1	236.8	236.4	235.1	244.4	244.9	250.6	251.3	265.0	264.1
	1643	212.9	206.9	215.8	224.5	229.1	236.6	237.6	245.8	247.8	266.4
	1644	232.8	233.8	228.6	238.2	240.1	245.7	244.6	252.1	262.7	254.0
	1645	211.3	211.1	213.6	211.3	218.4	234.7	227.3	231.1	232.2	228.1
	1646	228.2	233.1	239.2	237.3	225.2	246.9	251.4	260.7	264.3	265.1
	1647	223.0	223.0	224.0	228.7	226.7	237.8	246.0	260.6	268.9	278.1
	1648	215.5	220.7	222.9	220.6	228.2	237.8	235.2	240.3	242.0	247.7
	1649	227.9	234.6	233.9	238.5	240.9	240.0	250.4	258.9	255.6	253.7
	1650	212.1	213.1	213.8	223.3	228.1	235.1	240.5	248.1	255.0	260.1
	1651	179.5	180.8	179.6	186.8	193.3	199.8	209.0	209.8	214.9	216.8
	1652	253.8	251.6	261.1	267.8	271.6	274.5	276.4	294.2	285.5	291.2
	1653	216.0	216.9	228.2	231.9	226.1	242.5	240.0	247.9	242.8	250.8
	1654	215.7	210.6	213.6	216.0	217.8	215.5	227.2	223.0	233.9	229.0
	1655	217.5	220.5	222.0	230.5	236.3	239.3	251.2	249.4	261.2	241.1
	1656	209.9	214.0	218.4	222.3	223.3	237.7	235.7	238.5	242.6	262.0
	1657	183.2	186.6	192.9	195.6	194.7	202.7	201.1	209.6	213.6	225.6
	1658	200.6	200.3	197.6	206.1	209.2	216.7	221.6	229.5	231.3	241.3
	1659	244.1	238.6	241.5	248.8	248.1	256.9	259.7	269.1	266.2	265.2
	1660	210.7	213.5	215.7	213.6	220.8	226.3	226.0	223.8	233.4	242.2
	1661	197.4	201.2	199.6	206.7	209.5	213.8	223.0	226.5	233.5	236.6
	1662	216.2	223.4	227.1	227.7	232.3	242.1	247.8	252.8	261.8	264.6

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
E0.2F	1663	239.5	247.6	245.1	250.4	256.1	262.7	266.6	296.7	276.4	282.0
	1664	203.0	207.1	221.0	214.2	232.6	230.8	239.6	248.6	260.3	265.5
	1665	224.0	230.7	232.3	236.4	238.4	239.3	243.4	246.7	242.9	248.2
	1666	219.7	225.9	222.8	232.7	230.2	236.1	247.1	257.8	259.1	271.0
	1667	225.0	230.3	239.5	236.3	237.9	256.7	257.8	271.5	273.3	287.7
	1668	217.7	224.7	227.3	231.0	229.1	240.1	242.2	250.5	261.3	263.7
	1669	261.7	259.6	273.4	276.8	269.9	275.1	276.7	286.4	291.4	291.6
	1670	202.3	205.4	212.8	209.3	209.1	215.5	220.4	219.4	236.6	231.9
	1671	193.1	194.8	197.8	200.9	199.5	207.0	200.4	206.0	210.6	212.6
	1672	233.8	234.4	241.0	243.5	247.7	252.3	257.4	254.3	260.2	270.9
	1673	183.3	192.8	196.2	199.3	199.6	197.8	199.5	210.6	217.8	216.7
	1674	189.6	187.7	192.4	194.6	196.3	206.9	200.5	216.0	214.9	221.9
	1675	175.3	179.5	176.9	181.4	184.1	185.0	188.7	191.9	199.2	198.5
	1676	197.7	201.6	201.1	207.5	213.4	215.6	213.2	218.1	214.6	227.2
	1677	230.2	233.2	234.7	231.7	239.7	251.5	247.5	252.5	260.1	269.8
	1678	231.4	236.6	239.3	237.2	244.6	252.9	256.1	255.6	257.4	261.6
	1679	211.6	216.1	214.1	223.4	221.8	228.0	224.7	229.8	234.6	239.1
	1680	214.6	213.8	217.4	218.4	222.7	232.3	228.9	232.1	245.2	248.6
E2F	1721	207.8	215.2	216.7	217.7	220.5	232.2	236.7	218.9	243.4	249.0
	1722	206.2	196.6	197.1	204.0	205.6	217.8	214.1	214.2	217.6	225.6
	1723	220.6	230.7	224.7	236.1	234.0	243.3	241.3	245.6	255.2	255.1
	1724	192.7	189.8	189.3	193.7	199.7	207.9	208.4	209.0	218.3	218.2
	1725	238.4	240.6	251.5	248.0	248.7	262.4	260.0	265.3	276.2	274.9
	1726	216.8	213.6	217.4	222.5	223.6	231.9	225.4	230.4	238.7	243.5
	1727	204.2	191.4	206.7	211.7	217.3	222.8	221.6	224.9	232.0	234.0
	1728	208.3	189.2	208.0	212.5	220.3	227.7	233.3	234.8	238.7	240.8
	1729	224.8	206.9	229.9	230.2	235.6	239.2	236.5	230.5	242.3	236.2

Table F-4. Individual Animal Body Weight (g) Data –Females (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
E2F	1730	228.3	222.4	229.4	233.3	232.1	242.2	248.4	250.5	255.1	267.9
	1731	187.4	194.5	196.9	198.4	194.9	212.8	207.2	213.1	215.3	221.6
	1732	213.4	218.0	215.2	221.9	222.3	230.4	231.5	247.4	248.3	252.2
	1733	240.7	245.6	241.6	244.2	250.7	258.9	263.0	270.4	273.4	275.7
	1734	188.5	191.2	194.2	197.4	188.4	211.5	196.7	200.6	205.1	210.2
	1735	183.0	188.2	194.4	192.7	194.1	198.4	198.6	206.7	210.8	210.0
	1736	210.7	212.0	212.5	220.6	221.2	229.0	226.8	240.5	244.9	255.0
	1737	226.7	226.6	237.6	240.3	241.3	247.7	255.4	254.7	256.6	269.9
	1738	200.2	199.4	206.7	211.3	209.3	221.1	210.8	225.1	233.7	226.0
	1739	207.3	205.4	205.7	208.9	213.9	219.2	224.2	222.6	228.7	233.1
	1740	214.0	208.9	212.7	216.5	223.9	229.2	232.3	232.1	239.1	239.2
	1741	214.7	211.9	217.6	219.1	222.7	228.7	230.0	239.2	249.3	244.1
	1742	203.5	206.6	205.2	209.0	213.3	215.0	215.8	219.6	219.7	222.4
	1743	213.2	212.2	215.1	219.4	220.3	227.1	225.7	233.5	239.5	243.1
	1744	205.4	208.0	213.6	211.7	216.2	221.0	222.5	222.8	229.3	232.9
	1745	183.8	186.5	189.9	189.0	195.4	195.0	205.0	203.2	205.0	214.8
	1746	203.8	208.7	214.4	212.3	213.6	220.6	226.0	229.5	237.2	239.3
	1747	276.9	277.7	287.8	281.2	278.4	291.8	290.7	305.3	300.8	300.4
	1748	215.1	220.6	223.9	224.1	235.2	231.9	229.8	237.4	245.4	251.5
	1749	199.0	210.6	217.6	214.1	220.3	223.9	220.0	233.7	232.2	237.1
	1750	234.8	237.6	247.3	243.3	245.7	249.7	256.0	265.4	271.3	273.3
	1751	205.4	204.7	211.2	219.3	220.3	222.5	237.2	235.9	242.5	241.3
	1752	191.2	194.4	199.5	199.5	201.5	208.8	217.3	211.2	226.3	229.3
	1753	204.3	206.2	210.4	215.2	217.3	219.9	224.5	225.7	233.2	239.2
	1754	229.2	230.3	235.5	236.6	238.6	244.2	251.8	256.8	268.1	267.0
	1755	255.0	259.0	264.2	259.5	269.4	268.0	280.6	279.1	281.8	280.3

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
E2F	1756	207.9	209.3	208.8	209.0	211.2	217.2	222.7	231.5	240.3	240.8
	1757	209.6	219.0	223.6	223.5	222.9	236.8	240.4	239.8	251.2	251.9
	1758	226.8	228.8	231.6	231.9	235.3	245.4	245.1	249.7	253.5	265.2
	1759	206.5	208.1	211.2	213.7	218.7	216.8	222.5	226.3	228.8	237.0
	1760	203.6	199.2	208.6	209.2	210.2	219.0	219.2	216.1	223.3	216.5
	1761	199.5	202.4	202.1	210.2	214.5	217.1	222.5	227.4	235.9	234.8
	1762	206.2	207.1	211.9	214.5	209.9	214.4	218.3	213.6	220.8	223.2
	1763	179.7	183.0	185.8	185.8	192.3	207.5	202.0	217.9	216.2	220.8
	1764	205.7	208.2	211.5	214.4	219.2	223.3	231.7	233.6	239.3	238.6
	1765	196.8	201.5	208.1	200.7	203.3	212.5	207.8	210.2	220.8	220.3
	1766	199.4	202.6	206.1	205.3	209.5	218.0	212.7	220.2	222.4	223.2
	1767	205.2	209.4	212.4	219.6	224.6	228.9	235.1	236.7	247.3	248.9
	1768	206.6	203.7	208.0	211.9	215.1	211.8	221.8	224.1	223.3	227.0
	1769	212.8	220.7	219.4	218.1	225.4	231.8	239.4	246.7	255.1	264.3
	1770	210.8	216.0	224.8	233.8	229.6	232.9	237.7	239.7	247.7	246.2
	1771	218.5	221.6	222.5	227.7	232.4	236.1	241.5	246.9	253.9	258.1
	1772	197.4	200.3	200.0	202.6	206.9	211.0	212.4	218.5	222.1	216.4
	1773	212.5	215.1	218.0	218.4	221.9	227.9	231.2	240.8	246.1	245.3
	1774	203.7	204.9	204.3	207.3	209.4	215.8	210.7	210.5	226.2	231.7
	1775	192.8	193.2	194.2	198.2	200.8	203.7	206.5	214.7	214.7	217.8
	1776	195.6	198.4	199.6	202.2	205.2	210.7	214.4	217.3	221.9	224.0
	1777	207.8	212.8	214.9	211.7	216.6	225.1	228.0	237.5	237.2	238.2
	1778	208.0	211.8	217.5	215.8	222.0	232.6	231.6	233.2	243.8	251.1
	1779	211.9	225.5	230.0	222.7	226.7	235.8	248.9	259.8	265.9	267.0
	1780	222.4	221.5	232.6	233.0	234.9	245.8	245.7	251.1	256.1	249.1

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
E5F	1821	222.8	224.5	223.3	233.3	242.9	239.0	237.7	247.6	243.4	254.4
	1822	185.4	189.7	189.7	198.2	195.1	192.7	195.8	202.4	201.0	200.5
	1823	197.1	197.6	202.4	209.4	211.7	214.5	215.7	226.1	224.3	225.5
	1824	194.0	191.5	198.0	199.1	196.4	203.2	207.4	202.6	211.8	204.2
	1825	204.8	196.4	201.5	205.2	205.7	214.0	208.7	221.6	225.5	223.8
	1826	206.0	204.8	210.3	210.9	212.1	212.1	212.7	223.0	225.4	229.0
	1827	212.1	218.9	214.8	216.1	221.2	223.2	219.7	228.9	227.8	233.6
	1828	177.1	176.6	179.5	184.0	186.8	195.4	194.3	195.8	196.4	199.5
	1829	208.4	207.2	211.9	209.7	216.7	211.8	214.5	216.9	221.2	222.4
	1830	207.4	208.8	218.1	213.9	228.6	220.3	229.7	236.7	238.3	249.0
	1831	179.9	179.2	185.5	177.7	185.6	193.3	205.3	200.1	206.2	211.1
	1832	232.5	230.0	236.3	238.4	240.5	242.8	249.1	248.0	260.6	259.1
	1833	195.0	194.8	202.5	201.6	204.6	206.8	210.1	210.6	218.1	214.2
	1834	209.4	213.0	213.5	215.6	215.5	218.6	224.7	230.0	236.7	236.9
	1835	229.6	231.5	233.2	236.5	246.7	249.5	260.8	268.6	277.2	279.9
	1836	206.8	215.9	218.4	219.3	223.1	226.2	232.0	234.5	245.7	244.0
	1837	171.2	169.3	172.7	176.0	185.0	183.9	189.1	191.6	193.8	199.3
	1838	194.9	198.7	208.8	214.3	208.0	210.1	213.9	218.4	223.8	222.3
	1839	178.9	178.5	182.9	187.9	189.8	187.7	193.9	194.2	202.0	198.9
	1840	199.7	202.2	207.0	215.2	216.2	215.2	215.8	222.2	226.4	226.6
	1841	216.8	221.4	225.6	228.5	229.4	227.1	233.0	239.4	243.8	242.6
	1842	190.1	193.9	196.7	195.8	199.4	200.9	196.2	204.4	199.1	206.4
	1843	186.3	193.4	195.4	195.8	198.0	205.9	211.7	201.0	217.2	212.9
	1844	184.4	184.7	189.0	189.0	188.1	199.1	200.2	200.0	216.8	209.6
	1845	203.2	205.2	206.3	208.1	208.8	217.9	223.3	224.3	229.2	230.7
	1846	222.9	232.4	229.4	229.4	233.8	231.0	240.3	240.5	245.7	257.5

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
E5F	1847	195.2	196.7	200.9	196.8	199.3	200.5	208.0	212.5	210.9	211.8
	1848	197.2	205.5	209.1	210.7	216.4	213.7	219.9	221.0	230.4	228.5
	1849	199.1	202.3	202.7	203.0	205.4	210.3	211.5	215.3	219.9	219.4
	1850	186.4	193.1	193.1	200.9	200.2	197.2	207.3	205.6	211.8	213.5
	1851	199.8	199.7	207.3	209.0	204.5	210.1	214.2	213.2	218.5	222.3
	1852	207.7	208.2	214.6	212.3	220.8	220.5	224.6	230.9	234.1	238.4
	1853	199.1	204.6	209.0	207.2	213.4	215.9	224.0	225.0	227.0	231.5
	1854	203.0	206.9	206.1	211.5	212.6	213.6	218.1	216.6	219.2	217.0
	1855	179.8	185.0	193.2	189.9	195.4	194.5	201.9	204.2	211.8	207.7
	1856	210.5	208.7	213.0	218.7	222.4	228.0	227.5	228.2	231.7	232.0
	1857	198.8	198.7	200.4	203.7	210.2	211.2	214.6	214.6	225.4	219.8
	1858	215.9	217.2	213.9	219.2	221.5	224.9	223.1	230.1	229.6	232.9
	1859	182.8	185.9	190.8	194.8	193.8	198.9	203.1	201.8	215.0	205.1
	1860	189.1	189.1	188.0	197.0	199.3	202.4	206.7	207.4	214.8	215.9
	1861	197.7	202.6	202.6	204.4	205.8	211.4	217.5	208.6	218.2	222.6
	1862	203.9	210.0	210.5	209.2	208.6	215.6	224.4	214.6	225.3	224.9
	1863	170.0	172.8	176.1	179.2	179.0	181.0	184.7	185.5	186.1	190.3
	1864	214.4	220.2	218.7	225.5	223.6	224.5	236.3	235.2	235.3	232.1
	1865	221.1	225.6	228.9	231.7	235.5	240.4	248.3	250.7	257.0	253.8
	1866	204.8	206.0	216.7	217.9	220.4	223.7	228.2	226.1	237.7	234.8
	1867	199.7	201.6	205.7	208.9	212.0	216.1	222.6	224.5	225.8	234.0
	1868	220.0	215.3	215.6	231.4	228.4	229.6	243.9	234.6	242.6	244.3
	1869	195.6	194.1	198.4	204.0	202.5	202.3	217.0	219.8	212.0	215.9
	1870	197.5	199.5	201.9	203.4	205.3	202.7	207.0	215.7	218.3	212.3
	1871	210.6	209.4	213.7	212.5	217.4	225.6	239.1	239.7	240.5	242.2

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
E5F	1872	212.2	207.9	215.2	217.0	226.3	228.7	233.9	243.9	248.7	250.9
	1873	210.3	213.4	213.7	215.9	221.8	225.1	227.0	224.3	230.3	236.0
	1874	212.2	220.2	222.8	226.7	225.2	231.2	227.2	238.7	243.4	249.0
	1875	197.0	202.4	199.6	202.4	205.0	211.5	211.5	212.2	212.8	221.1
	1876	223.9	229.5	228.1	230.5	233.2	243.9	250.6	258.3	264.8	270.6
	1877	220.9	224.4	227.2	227.5	231.1	230.6	240.4	236.6	240.9	244.2
	1878	201.0	204.0	201.6	209.8	209.2	216.2	220.8	216.5	223.0	239.2
	1879	198.3	206.3	199.2	203.8	204.2	206.7	213.9	222.4	221.6	218.1
	1880	193.1	199.9	198.4	203.5	206.0	204.7	213.3	212.0	221.7	223.6

Table F-4. Individual Animal Body Weight (g) Data – Females

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
CF	1121	265.6	275.6	264.9	275.1	272.5	272.4	270.9	264.9		
	1122	267.0	277.3	277.1	281.3	300.7	305.4	318.6	326.8	333.9	337.3
	1123	335.8	351.1	360.7	347.1	378.6	367.6	378.6	375.2		
	1124	310.1	305.5	319.7	317.3	332.5	337.5	367.2	353.3	365.3	356.0
	1125	250.0	259.8	265.5	258.5	288.1	296.8	300.2	286.0	313.9	320.6
	1126	241.4	249.1	263.8	258.1	263.4	258.8	269.4	303.2	292.1	300.2
	1127	242.8	257.8	274.8	259.8	261.9	270.4	274.8	283.6	311.4	297.0
	1128	258.5	265.8	268.5	283.2	278.2	300.2	290.5	298.7	309.1	296.0
	1129	245.4	256.6	266.4	272.8	284.4	308.1	334.3	332.1	319.9	285.0
	1130	251.6	254.8	247.4	256.9	264.6	266.3	274.2	275.5	288.2	296.0
	1131	232.1	230.9	238.2	245.6	243.7	251.0	263.7	273.9	277.0	321.7
	1132	230.2	238.6	242.3	245.0	256.5	255.0	260.4	298.8	315.7	321.6
	1133	274.0	275.1	277.9	276.1	312.6	304.1	300.4	297.0	308.2	317.9
	1134	225.0	251.7	254.6	258.5	266.3	266.5	271.5	275.5	285.1	282.4
	1135	240.0	270.1	263.5	276.6	296.1	300.7	282.9	284.3	301.5	303.2
	1136	263.7	271.0	278.7	283.0	283.0	290.7				
	1137	222.2	227.5	229.2	232.3	233.0	231.1	235.6	237.7	267.3	245.1
	1138	213.9	219.3	228.7	223.4	227.1	233.0	240.8	247.4	258.4	259.4
	1139	287.3	289.6	310.9	322.7	331.2	336.0	355.0	364.6	376.8	379.9
	1140	269.7	275.9	295.1	286.0	294.4	299.4	324.4	344.4	355.9	360.6
	1141	218.7	218.1	236.6	229.4	233.6	237.5	235.7	236.2	254.6	241.8
	1142	293.3	300.9	302.3	305.9	324.8	322.1	331.8	332.3	349.5	344.6
	1143	268.3	282.4	302.9	329.8	340.6	347.9	356.6	374.0	388.8	391.9
	1144	300.8	301.0	326.2	324.2	322.2	319.5	327.7	329.7	347.0	349.0
	1145	250.6	255.1	259.3	258.8	268.2	278.7	278.8	297.1	321.6	328.5
	1146	256.9	260.2	276.9	284.9	284.8	318.4	294.1	298.6	321.5	323.1
	1147	285.4	292.7	301.8	313.0	321.2	324.9	330.4	344.6	353.0	367.2

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
CF	1148	234.6	235.9	240.9	244.5	249.7	255.1	256.1	264.5	270.7	262.4
	1149	234.6	238.7	241.1	240.2	237.5	243.6	254.8	252.6	265.9	262.5
	1150	282.2	294.3	292.1	297.7	315.2	306.6	306.6	317.9	338.4	331.5
	1151	265.4	264.0	266.0	276.6	288.7	301.3	292.9	292.8	300.0	307.2
	1152	212.3	220.8	223.0	222.6	218.2	234.6	232.2	242.7	248.4	242.4
	1153	275.4	274.9	263.0	280.9	283.7	282.4	292.5	304.4	313.7	312.0
	1154	256.2	265.7	264.8	250.6	256.4	280.6	269.2	297.6	297.9	303.9
	1155	261.2	269.3	280.0	281.8	289.3	300.6	302.5	310.5	337.0	346.1
	1156	331.2	340.0	352.3	366.6	399.2	379.1	414.5	434.0	446.0	455.2
	1157	225.2	238.6	228.3	239.2	245.8	232.3	250.0	259.5	265.7	266.0
	1158	247.9	254.7	259.3	252.0	260.4	266.1	267.7	275.3	279.9	283.8
	1159	281.5	283.2	289.2	303.0	310.2	322.8	325.3	335.6	349.5	350.7
	1160	314.6	337.0	345.1	362.2	363.8	362.6	372.1	364.0	383.1	388.1
	1161	278.2	285.1	288.6	292.1	299.8	299.6	307.9	318.5	319.6	316.8
	1162	276.3	279.0	297.9	287.6	300.0	305.3	325.2	334.1	367.2	373.7
	1163	230.6	234.4	238.8	235.2	239.6	248.9	240.9	248.6	254.0	261.2
	1164	230.1	236.4	246.9	251.1	268.4	271.0	281.1	287.8	304.5	298.6
	1165	228.3	230.5	246.4	240.6	263.4	254.3	265.6	295.3	305.0	314.1
	1166	277.2	300.5	298.1	325.7	318.1	339.1	343.6	351.3	358.9	364.1
	1167	252.4	251.5	268.0	270.1	281.9	285.1	290.9	303.4	320.5	326.5
	1168	271.6	285.3	295.2	294.1	302.6	323.4	320.8	336.0	354.7	356.6
	1169	249.9	247.8	263.0	260.7	279.8	280.1	286.9	318.9	336.6	349.6
	1170	244.9	250.3	253.0	257.1	258.8	263.0	262.3	260.2	267.2	270.2
	1171	246.7	251.2	257.9	269.0	267.1	266.7	275.9	276.8	284.2	287.8
	1172	270.9	281.9	290.4	291.7	308.8	305.1	318.5	329.0	341.8	346.6
	1173	240.3	258.8	265.7	275.5	292.5	284.4	292.0	302.0	307.6	316.7
	1174	284.1	290.5	304.4	305.7	310.7	324.6	340.3	352.2	356.2	366.6

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
CF	1175	255.6	264.3	283.9	273.9	298.2	291.0	284.5	285.6	305.2	288.5
	1176	253.1	273.4	275.7	277.4	284.8	294.4	301.7	311.0	321.4	320.6
	1177	248.4	259.5	266.4	260.9	277.7	276.6	278.9	290.2	305.4	288.3
	1178	239.4	234.5	241.3	248.6	255.9	270.2	292.6	300.8	298.4	306.5
	1179	267.1	276.6	298.6	304.4	312.4	313.3	321.0	334.0	350.0	351.7
	1180	248.1	258.8	259.9	261.4	281.8	278.5	291.4	293.4	305.2	288.6
CBF	1201	275.5	281.4	282.0	285.4	294.0	293.2	298.1	315.1	315.2	326.9
	1202	282.5	284.7	291.9	297.5	300.9	309.7	330.5	338.2	342.0	353.0
	1203	305.4	311.2	318.6	325.3	337.8	339.5	340.0	343.3	317.4	253.0
	1204	260.2	264.4	278.7	266.4	285.9	291.6	302.9	311.3	332.9	326.0
	1205	254.9	254.9	261.3	260.7	265.1	264.7	272.3	287.3	277.7	294.1
	1206	243.4	249.6	249.7	253.7	261.5	270.4	263.6	269.4	268.8	282.7
	1207	284.3	286.3	285.0	300.4	310.0	308.5	316.4	318.9	356.3	
	1208	276.6	284.3	277.4	309.1						
	1209	266.8	272.8	286.4	284.6	295.0	293.4	313.4	326.7	335.7	329.7
	1210	274.1	284.2	283.0	297.3	303.3	306.7	307.9	321.8	329.8	331.3
	1211	280.5	288.4	293.0	298.3	301.2	307.1	313.0	318.7	318.9	318.7
	1212	276.5	290.4	294.0	316.6	317.9	323.8	338.2	355.4	383.7	459.7
	1213	339.5	347.3	347.2	364.8	375.4	384.6	384.7	396.4	412.1	410.3
	1214	249.3	270.4	274.6	289.2	302.8	318.6	341.4	327.2	328.7	340.2
	1215	270.5	281.0	279.2	290.5	295.0	293.6	306.2	311.5	312.6	320.3
	1216	247.1	267.7	258.3	259.1	275.4	266.0	289.4	256.6	292.1	302.5
	1217	240.6	250.6	265.5	270.4	281.8	276.0	282.8	288.6	303.3	313.9
	1218	263.4	257.4	257.9	257.0	250.8	246.0	251.2	248.0	255.5	248.1
	1219	242.1	245.9	251.0	249.0	259.7	264.3	267.2	274.8	286.7	310.7

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
CBF	1220	268.5	276.2	277.0	285.2	297.6	296.1	304.8	317.7	323.2	325.3
	1221	275.1	270.9	267.8	278.3	293.7	293.0	304.0	309.7	314.4	323.0
	1222	312.7	325.4	324.2	345.2	363.8	390.4	391.5	404.7	413.2	412.7
	1223	258.1	260.5	254.1	280.0	285.0	295.6	311.4	329.4	354.2	357.1
	1224	266.1	270.2	262.0	274.4	281.9	293.9	292.7	300.3	310.7	
	1225	266.1	278.1	283.5	292.0	290.1	299.4	302.8	307.2	315.2	312.2
	1226	233.2	236.3	239.2	240.3	245.4	243.1	250.4	258.2	273.0	260.3
	1227	260.8	255.8	262.7	262.5	259.9	273.8	284.6	293.6	308.0	312.6
	1228	247.0	246.0	251.3	267.4	273.2	271.7	278.7	281.1	292.2	293.6
	1229	254.6	258.1	252.6	257.0	268.1	270.3	278.0	286.1	294.6	309.0
	1230	244.9	265.7	264.4	275.2	281.6	284.6	293.8	301.5	317.0	319.0
	1231	284.9	280.6	292.6	287.1	296.0	308.3	315.7	326.1	331.6	344.3
	1232	267.6	270.8	274.7	278.7	280.9	279.2	285.1	290.9	295.6	293.8
	1233	256.3	257.9	263.5	265.3	284.4	269.5	289.0	282.6	298.9	311.1
	1234	216.3	222.8	223.3	225.0	242.3	230.8	237.0	243.8	246.2	253.4
	1235	251.2	252.1	249.3	256.7	265.2	271.8	272.0	278.6	289.9	288.2
	1236	268.2	275.0	282.3	276.5	282.9	285.7	297.5	300.0	307.7	303.6
	1237	224.2	228.6	219.8	230.9	239.7	248.3	240.6	240.8	252.6	262.8
	1238	296.0	308.6	309.9	315.3	303.9	289.6	293.8	302.8	304.8	313.0
	1239	239.4	244.1	245.5	260.8	260.6	257.1	270.0	274.6	283.1	283.0
	1240	259.5	271.0	265.7	286.0	296.0	293.9	309.2	318.3	328.5	334.5
	1241	272.1	281.5	288.5	315.5	332.2	341.4	370.9	389.2	426.2	
	1242	280.0	289.4	289.9	302.0	309.8	307.3	315.5	321.3	324.2	321.2
	1243	262.3	266.9	274.5	277.5	288.2	285.1	294.9	309.2	322.3	325.5
	1244	226.2	224.2	232.4	237.2	242.7	245.9	253.1	259.8	274.0	275.5
	1245	312.2	318.3	324.1	320.2	312.3					

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
CBF	1246	290.8	302.0	304.2	308.6	324.0	328.9	337.5	351.8	358.5	357.2
	1247	286.4	289.2	288.7	295.6	298.5	288.0	296.5	304.4	307.4	321.7
	1248	259.6	261.4	265.8	272.0	274.6	280.3	288.4	296.0	312.9	317.5
	1249	209.3	216.1	215.6	226.8	231.3	241.7	236.4	245.8	265.5	263.6
	1250	301.9	309.4	322.3	336.1	363.6	367.9	384.6	392.7	387.5	408.7
	1251	247.7	247.1	258.8	265.3	277.0	293.0	302.9	306.8	323.3	331.6
	1252	243.4	245.3	251.0	261.9	262.9	274.2	286.7	288.3	294.9	301.0
	1253	202.7	212.9	210.3	209.6	226.1	223.7	227.1	235.4	252.7	255.3
	1254	235.9	240.4	239.5	241.2	246.1	246.7	246.6	243.2	247.5	261.0
	1255	247.5	260.1	236.5	255.8	251.1	266.4	290.0	314.0	291.7	313.7
	1256	223.0	220.6	223.2	229.8	228.5	234.6	245.5	245.7	246.0	247.7
	1257	235.2	233.3	223.1	238.1	234.5	232.6	239.3	245.6	248.5	250.7
	1258	228.3	231.3	233.1	229.1	238.1	248.7	240.9	248.3	262.0	259.2
	1259	262.6	256.5	267.9	277.5	279.7	286.3	286.0	294.1	302.7	304.5
	1260	239.0	246.9	256.1	259.2	270.9	272.8	283.7	290.1	298.9	311.2
B0.2F	1321	272.3	281.1	276.6	283.4	295.9	287.6	292.6	309.4	330.1	312.6
	1322	228.4	234.5	234.6	260.1	246.6	240.3	262.8	261.5	265.9	284.9
	1323	242.3	244.3	251.2	251.4	259.5	269.1	271.6	283.5	289.7	290.9
	1324	233.9	237.4	229.7	235.5	244.9	246.7	265.0	265.3	271.9	275.3
	1325	271.4	287.5	272.6	295.6	306.6	306.8	310.3	316.9	321.8	321.2
	1326	316.6	334.1	331.8	341.7	353.6	363.9	373.3	384.8	390.2	392.9
	1327	238.6	244.9	264.0	243.1	242.3	248.5	256.2	276.2	260.8	267.5
	1328	306.7	309.7	328.0	333.4	355.6	358.2	362.9	364.2	379.5	386.7
	1329	250.8	248.6	253.3	252.7	258.1	255.6	267.2	270.2	273.3	275.5
	1330	266.4	262.8	279.6	281.4	312.4	306.0	321.0	316.9	333.7	327.9

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
B0.2F	1331	244.0	243.5	253.1	254.4	256.1	262.6	249.1	250.1	250.6	250.8
	1332	228.6	235.3	232.6	232.9	246.1	256.7	264.1	273.9	277.1	286.8
	1333	285.9	297.5	299.1	302.8	316.3	319.8	333.8	340.4	347.6	356.2
	1334	228.9	248.4	241.6	237.7	236.8	238.3	247.9	256.6	270.9	263.3
	1335	239.5	242.2	245.7	250.7	260.3	265.9	283.0	282.1	303.5	302.7
	1336	262.4	264.0	270.0	270.0	277.4	278.2	283.5	290.8	304.7	302.5
	1337	283.0	298.7	298.3	308.5	313.8	317.1	321.1	327.8	329.0	296.7
	1338	252.0	248.2	259.2	255.5	266.1	276.5	288.3	291.2	299.5	311.1
	1339	296.6	302.0	305.9	308.3	322.1	323.4	336.2	353.3	365.5	380.5
	1340	266.6	269.2	262.1	271.8	271.6	310.9	318.1	327.5	302.9	237.5
	1341	223.7	230.9								
	1342	291.0	300.3	319.2	327.3	345.6	337.9	352.1	344.8	334.7	335.5
	1343	271.7	271.2	269.7	282.0	290.7	285.2	293.6	304.3	325.0	324.9
	1344	292.9	307.5	310.8	313.2	326.8	325.4	333.2	343.8	352.9	344.6
	1345	268.3	277.2	269.0	273.5	287.3	289.1	299.8	312.4	325.2	333.0
	1346	227.1	229.6	232.5	227.4	234.2	236.7	251.3	255.3	264.0	263.4
	1347	305.4	300.7	312.7	308.3	322.4	317.9	333.9	341.7	350.3	343.2
	1348	231.3	230.4	234.0	230.9	239.3	239.6	239.0	246.5	244.9	246.9
	1349	222.9	220.1	223.1	231.1	227.4	228.3	231.6	234.0	242.5	244.7
	1350	242.0	248.2	252.8	254.5	254.8	252.6	262.8	263.7	269.1	273.8
	1351	226.2	230.1	231.0	235.2	237.7	241.1	243.8	239.4	246.9	246.6
	1352	247.0	249.0	264.0	256.4	247.9	253.5	255.7	264.1	278.0	284.9
	1353	261.1	270.5	264.0	273.8	282.7	295.3	320.5	337.9	353.4	383.9
	1354	256.4	252.3	264.0	269.1	266.7	268.4	283.0	288.8	293.1	295.0
	1355	256.5	259.6	263.1	297.0	308.1	302.5	318.0	331.9	357.6	273.8
	1356	231.2	237.9	240.4	253.8	259.6	261.3	263.0	273.5	281.1	291.6

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
B0.2F	1357	265.9	273.8	260.0	286.9	299.4	300.0	315.6	315.5	305.3	333.7
	1358	265.3	267.9	255.0	280.4	277.8	279.4	281.7	288.1	290.1	301.7
	1359	272.3	274.5	290.0	283.9	300.0	307.8	301.4	306.5	331.5	350.7
	1360	233.6	234.4	234.8	234.1	231.7	230.8	240.1	247.6	252.1	258.5
	1361	261.2	271.1	269.8	285.3	286.3	282.3	296.1	308.4	333.1	329.6
	1362	274.8	284.0	289.9	284.7	294.1	292.3	301.4	328.5	321.2	349.4
	1363	262.4	260.0	264.0	317.6	330.0	340.7	354.5	358.1	369.8	343.6
	1364	287.4	272.0	272.0	303.0	300.7	304.7	313.8	327.4	338.7	342.2
	1365	218.2	212.0	211.0	229.9	222.4	221.6	226.4	232.0	237.0	237.9
	1366	299.1	313.5	336.1	377.6	393.9	405.5	420.1	433.7	457.4	468.5
	1367	225.1	233.9	226.4	236.0	236.5	239.4	243.4	242.7	251.7	259.6
	1368	227.9	230.4	228.2	244.3	243.9	243.9	248.3	266.8	268.9	275.4
	1369	254.6	249.8	254.2	250.5	260.8	256.0	263.9	266.8	275.6	280.4
	1370	252.6	258.8	259.2	265.6	262.4	263.4	278.2	280.2	298.3	300.9
	1371	240.1	242.8	245.0	251.7	251.0	257.9	261.8	279.0	273.5	278.9
	1372	245.3	263.7	224.0	254.1	253.3	265.8	275.1	289.2	289.7	295.6
	1373	224.2	237.5	210.0	238.4	238.7	242.2	256.8	254.3	266.0	273.9
	1374	204.0	207.6	195.0	209.0	218.7	205.4	212.8	217.1	223.6	231.0
	1375	265.9	273.0	271.1	275.6	273.2	274.7	277.1	281.3	284.3	287.2
	1376	255.3	262.2	259.5	287.6	269.3	257.4	273.6	297.3	281.9	302.1
	1377	276.1	272.4	269.6	268.0	274.6	277.9	283.4	290.6	297.1	299.8
	1378	237.8	245.3	243.9	251.4	248.9	245.9	269.8	280.4	299.5	317.0
	1379	243.5	252.8	253.4	268.6	266.5	276.9	277.8	292.7	305.6	312.4
	1380	250.5	251.4	260.7	269.0	268.8	267.7	282.4	296.9	308.1	317.1

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
B2F	1421	247.9	244.4	242.5	244.9	246.4	245.9	252.0	253.6	256.5	258.7
	1422	259.5	251.9	248.2	248.1	249.0	249.2	260.6	272.1	268.7	271.5
	1423	245.7	248.4	254.0	256.5	255.2	248.5	259.8	256.7	258.9	259.5
	1424	245.2	232.5	230.4	230.4	228.3	250.5	249.4	267.2	250.6	243.4
	1425	224.3	226.9	225.9	224.2	224.3	216.8	224.8	233.0	234.3	251.6
	1426	258.2	255.0	257.6	283.6	269.8	251.8	253.0	251.2	258.7	251.1
	1427	239.3	238.9	244.4	243.1	250.9	249.8	261.5	264.2	278.5	281.5
	1428	220.0	222.5	226.2	219.9	227.3	216.3	222.7	225.0	227.4	226.1
	1429	364.8	372.9	386.0	428.1	449.7	462.2	470.7	480.8	484.8	356.7
	1430	212.2	215.8	209.4	209.8	210.7	215.1	225.9	227.0	241.0	235.9
	1431	261.5	267.1	266.6	272.6	271.8	276.4	281.8	279.7	292.1	276.1
	1432	256.7	266.6	271.0	279.1	282.0	277.5	293.7	296.8	299.8	297.7
	1433	239.4	235.8	237.5	237.4	240.1	253.1	254.4	253.9	262.9	259.4
	1434	243.5	241.5	244.9	260.9	248.3	243.1	247.8	248.1	252.8	251.5
	1435	225.9	228.1	234.5	223.9	235.5	231.6	238.8	237.7	252.4	246.8
	1436	231.8	233.6	224.8	227.1	229.5	234.9	244.3	248.5	258.3	259.3
	1437	234.1	233.4	237.3							
	1438	219.9	224.0	234.3	231.7	225.3	237.5	253.2	260.7	270.8	276.1
	1439	224.6	230.3	232.4	226.9	223.5	235.6	245.4	247.2	254.3	252.1
	1440	245.7	241.3	252.1	256.8	260.4	250.6	253.4	263.5	273.3	270.3
	1441	239.9	246.4	261.8	280.7	294.2	294.0	330.3			
	1442	234.3	236.9	234.9	240.0	244.0	246.7	255.4	260.4	258.9	261.1
	1443	265.7	266.4	263.3	274.6	278.4	286.4	278.2	284.7	292.7	279.0
	1444	258.2	257.1	248.5	260.9	270.4	260.9	280.4	303.6	310.1	340.5
	1445	254.7	269.3	260.2	260.4	269.3	265.9	269.1	286.6	322.9	304.0

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
B2F	1446	264.6	255.1	266.8	260.2	266.5	261.3	276.6	280.1	280.3	283.2
	1447	271.3	264.7	261.5	259.7	261.8	274.1	273.3	278.3	284.9	284.3
	1448	246.3	248.4	243.3	251.5	252.8	259.1	263.9	269.7	275.3	276.3
	1449	224.4	227.8	235.5	242.2	245.7	247.5	247.7	258.4	251.7	253.6
	1450	227.3	222.9	215.4	219.4	218.8	226.4	233.2	237.7	239.1	243.1
	1451	243.4	246.8	242.7	245.5	241.9	248.6	255.8	261.9	259.9	255.4
	1452	233.5	236.9	230.8	237.6	232.0	236.0	244.7	252.8	252.5	254.9
	1453	224.1	226.1	224.9	225.9	237.1	234.4	235.8	241.3	242.4	245.5
	1454	253.6	264.6	268.8	269.0	286.4	283.2	283.7	294.8	299.8	296.2
	1455	228.9	233.5	237.7	242.0	234.5	234.8	238.2	240.3	242.8	242.1
	1456	214.4	220.1	223.4	219.6	224.0	224.6	227.8	246.9	249.0	261.2
	1457	230.0	237.6	234.5	238.7	240.2	238.8	243.9	254.3		
	1458	309.9	310.6	306.8	304.6	316.6	320.0	327.3	333.1	330.2	333.2
	1459	246.6	245.2	248.4	248.0	258.0	260.6	273.2	276.7	289.9	290.2
	1460	229.2	231.5	224.9	239.7	241.7	240.6	265.8			
	1461	265.8	270.5	268.2	278.3	288.7	288.0	300.0	303.9	309.1	288.5
	1462	224.5	220.8	215.0	227.5	225.9	229.5	240.3	227.7	238.3	238.9
	1463	242.1	247.7	259.7	251.2	262.2	250.4	254.7	276.4	279.6	284.9
	1464	241.2	245.4	238.5	243.3	249.8	254.9	277.6	282.5	286.9	286.3
	1465	247.5	249.3	250.9	255.4	254.8	249.7	276.3	291.5	277.0	285.7
	1466	257.7	258.0	270.0	262.3	267.6	276.8	284.3	283.5	293.0	291.6
	1467	225.1	228.2	228.9	224.1	225.7	232.6	237.6	236.8	236.5	237.8
	1468	227.5	231.2	220.2	225.3	228.3	237.0	236.3	242.4	236.5	235.6
	1469	218.8	219.2	221.4	222.5	224.9	225.1	230.1	227.3	232.1	231.6
	1470	249.5	251.4	254.4	256.9	260.8	263.5	268.5	276.6	286.2	290.6
	1471	257.2	258.7	264.8	265.7	268.2	266.2	268.4	276.7	280.3	279.6

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
B2F	1472	220.4	215.9	224.4	215.8	220.2	224.0	231.5	234.6	233.8	237.8
	1473	262.5	259.2	262.9	260.1	263.2	266.1	273.3	279.8	289.6	289.2
	1474	232.1	232.9	232.6	231.9	238.7	236.1	243.5	246.1	252.4	252.8
	1475	263.8	240.0	262.7	254.5	252.1	253.2	259.5	265.5	269.4	272.8
	1476	228.4	245.0	247.5	247.8	254.6	267.8	274.6	282.7	290.4	292.9
	1477	242.4	242.0	244.2	248.6	256.0	245.8	259.3	269.2	270.2	272.4
	1478	263.7	273.8	273.6	287.6	298.7	311.2	319.6	332.3	326.4	337.3
	1479	223.5	225.3	226.2	219.0	216.7	226.8	238.7	244.1	243.4	246.7
	1480	255.1	259.7	259.2	261.5	271.3	281.0	291.0	301.2	309.5	304.7
B5F	1521	182.5	185.4	188.7	190.8	190.6	197.3	196.1	203.7	206.3	208.1
	1522	224.1	232.3	224.3	235.1	230.3	227.3	240.4	244.3	242.4	242.3
	1523	245.3	241.8	243.9	244.0	247.5	252.5	257.2	253.2	255.2	257.2
	1524	187.8	196.4	191.8	192.3	197.8	194.6	195.6	203.4	207.2	202.8
	1525	224.4	229.1	232.2	226.9	231.9	235.1	234.6	240.7	236.9	237.4
	1526	245.4	245.9	250.4	242.9	249.5	259.7	262.3	260.8	264.2	259.7
	1527	207.4	208.2	208.9	204.7	214.4	215.7	216.1	219.0	218.0	212.8
	1528	259.9	261.1	262.0	263.0	257.7	268.3	274.1	274.5	278.0	271.8
	1529	212.2	213.1	212.2	212.9	227.6	228.2	227.7	231.8	228.2	229.7
	1530	240.1	251.8	254.0	250.8	252.8	253.9	265.5	266.7	268.7	276.5
	1531	214.2	220.0	220.2	231.0	225.3	220.4	230.1	234.1	231.1	231.0
	1532	229.7	235.3	231.3	230.2	237.1	237.2	240.9	243.1	242.4	243.9
	1533	234.8	234.8	230.3	236.7	234.7	230.9	236.5	241.8	243.7	244.5
	1534	238.7	243.4	240.5	242.8	257.7	263.1	259.4	279.6	290.6	311.1
	1535	227.9	237.3	233.2	227.6	236.3	234.0	236.8	246.2	242.6	245.3
	1536	217.3	226.3	228.7	230.2	238.4	237.9	237.8	247.3	252.6	251.1

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
B5F	1537	257.8	267.6	266.8	271.5	273.9	272.1	284.5	286.6	286.5	288.5
	1538	230.5	233.9	237.3	237.7	241.4	250.0	257.7	260.6	257.9	252.9
	1539	227.3	230.1	233.1	231.4	233.5	230.4	235.8	239.0	241.1	234.8
	1540	226.1	218.2	219.1	220.7	222.0	219.9	221.3	228.8	231.2	231.0
	1541	223.0	227.4	224.4	225.0	230.2	234.3	237.0	232.5	238.9	238.0
	1542	220.6	227.8	221.9	229.6	226.6	226.7	233.8	232.5	242.6	243.9
	1543	200.9	205.8	204.5	202.4	211.5	202.2	206.7	203.3	206.1	211.0
	1544	200.2	209.8	203.0	201.4	210.3	212.6	209.6	220.1	230.2	221.7
	1545	213.5	220.2	225.7	228.1	235.3	222.2	239.7	237.0	245.7	236.6
	1546	230.1	233.2	232.4	233.2	237.7	230.2	242.6	247.1	240.2	245.8
	1547	225.1	232.4	234.6	223.3	234.1	222.5	232.7	233.8	242.6	237.6
	1548	217.4	219.8	223.0	223.7	223.3	226.3	230.5	235.6	241.9	246.5
	1549	224.6	221.2	226.6	228.1	234.1	227.6	230.8	228.0	235.4	233.5
	1550	236.9	242.4	241.6	247.3	244.5	247.8	253.2	254.4	252.3	260.5
	1551	230.9	227.2	241.2	235.6	235.8	241.6	241.1	240.3	245.2	243.5
	1552	218.5	216.7	227.8	216.2	225.6	225.7	227.7	224.3	227.5	
	1553	215.4	222.1	219.6	218.4	224.5	240.0	224.6	230.8	227.9	228.8
	1554	248.5	248.6	252.9	255.1	258.5	262.4	260.5	263.1	261.7	260.8
	1555	240.3	240.0	240.1	241.7	238.6	245.7	241.9	252.2	251.7	250.7
	1556	204.3	212.9	207.6	212.1	212.3	215.6	217.8	214.7	218.6	221.3
	1557	263.0	268.8	272.8	274.0	276.4	283.9	295.0	289.0	302.9	299.2
	1558	221.3	220.3	223.6	221.4	231.1	229.2	231.7	233.6	232.2	232.5
	1559	228.8	227.4	232.8	231.5	237.8	224.6	232.7	242.0	237.1	223.4
	1560	248.4	247.0	248.3	258.5	260.4	260.1	264.4	269.7	269.8	261.8
	1561	238.3	242.0	242.5	240.7	247.2	244.9	246.7	248.8	251.7	252.8
	1562	189.7	188.5	188.7	193.4	193.4	194.0	192.2	192.4	197.8	192.3

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
B5F	1563	234.6	240.4	242.5	237.7	241.6	242.9	246.9	251.1	252.9	249.7
	1564	232.0	235.7	231.2	229.7	217.7	235.8	227.1	226.0	230.7	229.3
	1565	223.0	220.5	220.8	221.4	228.9	229.6	244.6			
	1566	213.6	217.2	215.6	218.6	220.7	219.0	221.0	219.8	213.2	213.9
	1567	231.4	243.2	244.9	237.2	246.4	238.2	247.1	247.9	244.4	243.6
	1568	201.0	204.7	209.5	207.1	207.0	212.5	210.2	214.3	217.5	211.9
	1569	231.2	226.9	226.9	235.3	248.5	238.3	240.5	241.3	247.1	246.2
	1570	238.2	244.4	251.4	261.5	259.7	258.0	260.5	270.6	274.3	274.0
	1571	232.2	233.2	238.0	231.9	237.4	239.7	245.8	240.0	252.9	238.4
	1572	215.5	215.1	219.6	223.9	226.8	219.5	226.4	232.9	238.0	245.8
	1573	213.4	212.4	219.1	205.7	220.5	225.0	226.9	219.6	218.0	219.8
	1574	232.4	230.9	229.0	231.5	234.0	235.2	237.0			
	1575	215.6	218.6	218.5	218.2	219.6	218.3	226.0	229.4	232.8	234.4
	1576	256.7	256.3	252.4	257.1	260.3	260.5	273.0	272.6	284.2	270.1
	1577	235.9	234.9	232.7	232.9	240.1	233.0	238.6	246.8	244.1	249.1
	1578	226.2	224.2	221.8	214.1	211.1	196.5	223.3	224.1	222.4	223.1
	1579	203.3	210.1	209.6	206.0	213.6	221.1	220.6	236.4	227.7	223.6
	1580	242.8	240.1	240.8	245.2	247.7	221.3	250.5	253.4	249.4	245.4
E0.2F	1621	270.2	276.3	276.9	277.3	290.1	285.4	294.2	300.3	304.3	307.8
	1622	274.3	279.6	280.4	278.6	289.4	286.1	305.1	317.7	316.0	329.8
	1623	290.5	298.7	308.0	309.6	321.1	319.6	320.2	329.5	332.1	340.7
	1624	230.8	234.9	238.4	236.5	239.6	244.0	248.3	246.2	245.6	258.0
	1625	275.3	281.3	282.5	282.6	289.5	291.9	307.0	316.2	316.8	311.5
	1626	291.8	304.0	314.9	319.3	323.0	324.5	337.1	342.1	354.6	354.7
	1627	266.5	271.6	275.6	284.2	293.7	300.6	310.5	315.5	320.7	339.3

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
E0.2F	1628	247.6	251.2	265.0	255.3	259.1	258.8	262.9	266.8	254.2	304.8
	1629	230.0	230.8	231.0	238.7	235.8	237.4	241.3	251.0	280.5	256.6
	1630	251.1	250.5	247.0	246.4	257.3	255.6	265.0	267.0	267.7	269.8
	1631	243.7	234.8	228.3	233.6	237.2	231.2	236.3	237.4	240.5	245.8
	1632	285.3	298.0	310.8	311.4	311.5	315.4	338.4	347.6	358.4	362.8
	1633	253.5	259.5	263.6	264.6	271.5	288.1	309.7	318.4	327.9	347.0
	1634	309.4	324.3	324.2	373.1	344.7	372.0	393.2	425.0	444.0	462.3
	1635	229.0	234.9	235.0	238.8	238.0	245.0	247.5	267.5	265.6	
	1636	358.3	378.5	396.8	386.0	410.5	418.9	429.1	469.4	473.2	486.6
	1637	261.2	269.6	285.6	306.1	294.1	302.6	321.2	343.7	352.5	353.3
	1638	276.0	277.7	287.6	308.9	304.9	306.3	320.3	337.4	344.7	345.5
	1639	276.4	283.7	304.6	298.7	324.4	299.4	331.1	332.0	348.3	331.9
	1640	280.1	286.0	291.4	289.4	293.6	289.1	300.0	307.5	313.6	323.6
	1641	261.0	263.0	277.1	276.1	282.3	275.6	284.1	285.2	284.8	295.9
	1642	270.8	272.4	281.9	277.7	289.2	287.1	294.4	300.1	323.5	324.8
	1643	277.6	276.8	303.8	302.5	299.7	286.7	325.0	350.4	365.4	357.4
	1644	267.4	272.0	281.2	293.1	303.1	304.3	302.7	323.1	323.4	324.1
	1645	237.7	239.9	247.8	239.5	248.6	249.3	252.5	260.6	252.1	287.9
	1646	274.1	278.0	275.7	283.6	277.6	304.8	298.5	300.0	313.5	313.6
	1647	287.8	293.5	298.0	328.9	341.1	349.6	386.4	417.2	454.4	504.8
	1648	250.2	247.7	252.4	253.8	269.9	261.7	271.3	279.4	286.2	293.0
	1649	264.0	260.7	264.0	270.7	284.2	280.9	291.2	316.0	300.2	306.5
	1650	260.9	257.0	266.3	271.9	284.7	285.4	293.1	295.5	323.2	339.2
	1651	223.5	227.0	226.8	237.3	239.7	234.1	243.6	254.9	260.4	263.5
	1652	294.6	296.4	305.5	304.3	320.1	308.9	310.2	323.3	316.0	320.0
	1653	252.4	249.5	255.9	262.8	261.4	259.3	267.9	282.4	294.7	299.3
	1654	231.0	231.6	233.5	233.3	241.7	237.4	241.1	235.2	240.9	250.0

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
E0.2F	1655	266.9	262.1	272.1	274.2	279.4	283.2	283.5	280.5	294.2	298.8
	1656	248.4	259.8	283.3	297.6	293.0	284.9	277.7	287.1	275.1	272.9
	1657	220.5	226.0	224.6	222.3	226.6	222.9	232.0	232.2	233.2	237.7
	1658	250.0	256.3	257.9	274.7	283.0	292.5	302.9	312.8	322.5	328.8
	1659	273.5	282.1	297.5	301.9	326.9	354.8	378.3	388.8	388.8	396.7
	1660	242.1	246.5	242.9	255.2	244.4	241.8	246.5	254.5	256.6	290.9
	1661	241.7	250.0	253.7	260.5	265.2	267.7	270.8	280.0	288.3	295.5
	1662	267.6	273.2	277.1	283.4	286.6	283.5	290.6	305.2	309.7	307.3
	1663	286.0	290.8	305.0	325.6	315.2	335.5	309.7	325.1	339.1	341.0
	1664	266.0	272.1	283.6	282.9	291.2	291.3	303.1	311.2	320.9	325.5
	1665	252.4	249.5	256.0	257.3	271.2	263.7	267.5	272.7	273.1	274.1
	1666	277.5	278.1	295.0	303.6	306.6	285.6	318.2	328.2	339.2	345.7
	1667	294.6	303.6	320.6	325.7	334.4	337.7	351.5	369.1	370.8	396.3
	1668	264.6	266.3	273.6	273.5	279.8	285.4	300.8	301.0	302.7	314.8
	1669	300.7	298.4	305.6	308.6	324.7	330.8	347.6	356.8	366.5	379.4
	1670	229.6	244.4	240.8	243.7	243.0	243.4	245.1	248.4	263.7	262.4
	1671	219.5	217.5	222.1	219.5	230.2	221.3	218.7	231.6	236.7	239.6
	1672	271.3	274.7	274.8	279.1	284.3	275.6	293.1	297.4	298.8	304.7
	1673	257.4	263.5	280.8	284.0	308.4	301.0	320.6	336.8	337.3	343.7
	1674	231.7	228.8	236.1	233.3	227.0	251.6	229.9	232.5	240.5	239.6
	1675	204.8	202.5	200.0	208.4	207.9	206.7	212.3	215.5	218.4	218.8
	1676	230.2	226.1	237.9	234.4	239.4	235.0	235.5	243.5	241.8	246.3
	1677	281.0	278.9	309.9	313.3	323.9	322.3	342.1	350.9	361.3	355.8
	1678	272.2	265.4	276.5	286.4	295.1	290.7	299.1	310.4	294.4	329.8
	1679	237.9	242.2	252.6	257.7	258.5	257.2	273.1	285.0	315.1	303.5
	1680	245.6	254.1	253.8	263.1	265.0	265.7	270.8	276.6	273.4	277.2

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
E2F	1721	252.6	254.1	255.8	257.4	260.8	253.4	263.5	268.2	269.5	269.9
	1722	233.2	233.5	230.2	230.3	228.8	228.6	232.3	231.3	236.1	238.3
	1723	262.8	259.7	266.7	274.6	279.3	274.3	284.7	294.6	302.7	315.4
	1724	223.3	225.4	229.0	229.3	231.6	233.5	235.5	239.1	241.2	241.3
	1725	273.1	279.0	279.7	286.3	291.6	290.8	292.3	300.8	316.3	315.0
	1726	239.2	247.6	249.0	244.2	251.2	251.8	263.6	264.2	260.8	262.3
	1727	241.1	239.4	245.8	245.7	247.8	243.4	248.6	259.1	257.2	257.7
	1728	244.3	245.4	252.2	256.2	259.1	257.8	274.4	272.0	280.9	283.7
	1729	235.3	240.4	246.7	242.5	247.6	250.8	248.6	258.2	254.8	258.8
	1730	270.3	267.2	277.0	275.4	276.7	279.7	287.1	285.1	290.6	296.9
	1731	221.4	222.6	228.0	229.0	228.8	228.3	229.5			
	1732	251.7	259.6	257.2	253.8	261.9	271.2	287.2	279.5	280.9	280.1
	1733	275.1	281.1	277.4	277.6	281.0	283.4	288.7	288.9	294.4	299.5
	1734	202.9	211.4	212.5	212.3	215.0	219.3	214.9	216.3	229.0	216.3
	1735	212.8	213.8	213.9	212.4	218.7	213.4	220.0	219.9	224.3	222.8
	1736	243.7	254.4	255.1	260.2	270.3	267.5	279.2	288.1	290.5	314.7
	1737	272.8	273.4	281.6	298.1	295.4	289.3	298.5	303.3	319.1	337.8
	1738	236.2	244.0	239.0	244.0	245.1	247.0	251.8	257.2	259.6	263.8
	1739	240.3	239.9	246.5	242.9	256.7	256.7	260.1	260.3	279.0	280.3
	1740	238.5	248.8	250.4	257.6	258.1	253.0	263.6	264.5	288.0	297.9
	1741	244.6	257.2	255.7	257.6	260.0	256.3	265.0	262.9	274.7	271.7
	1742	229.0	233.5	231.5	234.0	237.3	234.7	247.0	245.1	239.3	
	1743	239.9	242.8	246.3	246.6	248.5	257.3	262.5	272.1	278.6	275.1
	1744	236.4	236.9	239.2	242.5	238.5	244.4	247.5	248.5	256.3	257.1
	1745	227.1	196.0	213.2	212.5	226.3	221.4	233.2	220.0	224.1	230.4

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
E2F	1746	238.0	227.0	253.0	250.1	256.5	261.7	266.1	268.9	272.5	272.4
	1747	301.4	287.0	318.9	303.1	321.2	321.0	323.0	319.8	333.2	327.1
	1748	259.1	259.5	265.0	278.4	282.0	281.6	297.6	303.0	309.0	323.1
	1749	234.1	239.7	249.6	287.7	260.2	256.0	266.2	274.3	325.5	355.5
	1750	274.9	280.1	282.6	285.1	288.3	286.2	291.6	299.2	300.4	300.0
	1751	245.4	249.2	250.2	250.6	255.1	257.9	268.8	264.0	278.4	279.9
	1752	228.1	233.4	233.5	232.0	233.7	232.0	240.2	249.9	252.0	260.6
	1753	244.8	241.9	249.0	254.0	250.3	249.8	255.3	250.7	256.0	259.1
	1754	272.8	290.1	288.9	282.5	297.4	295.8	313.9	326.0	338.5	337.4
	1755	282.3	272.8	288.8	292.2	303.5	299.9	306.4	308.6	310.0	320.0
	1756	247.9	251.5	256.1	257.2	271.2	271.0	276.2	285.3	286.1	291.2
	1757	252.6	255.3	258.6	264.1	266.1	265.1	262.3	263.2	267.2	270.4
	1758	266.1	270.7	276.3	273.5	281.7	286.6	293.1	299.6	306.5	308.7
	1759	240.8	244.4	247.5	250.8	258.2	254.9	264.8	268.3	270.4	265.7
	1760	227.1	222.3	231.6	227.0	238.8	227.9	251.9	248.1	263.4	252.2
	1761	241.5	238.8	240.1	250.8	245.7	253.3	255.6	255.7	274.4	260.1
	1762	231.5	234.3	235.2	240.6	240.4	242.1	243.1	248.6	252.0	253.6
	1763	227.3	227.9	235.4	239.7	243.2	259.6	263.2	265.7	259.0	278.9
	1764	241.0	246.5	252.0	250.2	257.0	258.5	262.6	268.9	259.0	279.0
	1765	220.6	234.3	228.8	216.9	225.4	233.0	228.0	236.1	217.3	232.8
	1766	229.9	229.1	234.1	242.2	244.9	237.2	243.1	249.2	252.7	256.3
	1767	264.8	259.9	290.9	287.2	289.6	296.4	305.1	315.6	308.1	326.7
	1768	229.1	230.6	232.8	229.2	239.7	231.2	232.2	237.1	238.7	239.8
	1769	271.8	277.3	293.9	294.8	309.5	307.6	322.8	331.9	334.5	337.1
	1770	257.4	251.4	261.3	263.6	271.2	277.3	278.9	276.9	287.7	283.8
	1771	266.7	267.6	275.2	269.8	284.3	283.0	289.5	298.2	303.5	300.8

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
E2F	1772	222.9	234.7	227.1	242.3	240.6	231.6	225.0	230.0	247.2	240.2
	1773	245.8	248.6	256.1	257.4	260.7	261.0	265.1	269.7	272.7	275.5
	1774	229.1	238.8	243.6	248.3	249.2	250.3	253.5	259.8	262.5	265.4
	1775	221.0	219.9	219.4	219.2	223.3	223.1	226.1	226.8	219.8	230.6
	1776	228.8	232.0	231.1	233.5	234.0	235.9	240.1	243.6	247.4	251.3
	1777	243.6	263.1	259.3	262.5	271.8	271.9	279.5	284.0	292.5	303.3
	1778	246.6	255.8	255.6	267.1	273.8	280.2	277.0	282.1	295.3	299.2
	1779	271.8	278.7	286.4	284.5	286.5	285.4	294.1	305.4	272.3	
	1780	258.8	251.1	264.0	248.6	268.8	263.5	265.2	263.7	269.3	263.0
E5F	1821	259.4	264.8	254.4	249.7	256.6	254.9	255.4	260.8	256.8	260.5
	1822	205.9	205.9	209.6	206.3	207.8	211.3	207.6	214.2	211.2	209.4
	1823	234.3	232.6	235.2	230.9	236.9	233.8	234.7	244.3	250.3	238.3
	1824	209.9	210.9	219.7	213.7	232.4	218.5	209.8	213.0	215.4	223.9
	1825	220.1	226.8	233.0	229.7	238.0	238.3	244.6	243.8	252.5	256.8
	1826	226.7	229.2	233.4	226.0	232.2	235.0	234.2	234.0	238.9	238.2
	1827	232.0	240.6	241.5	235.8	239.5	250.0	253.3	255.6	266.4	267.4
	1828	198.8	204.0	205.3	201.9	208.6	208.8	211.8	217.3	217.4	227.7
	1829	224.9	226.2	228.4	226.8	232.9	226.4	234.6	243.8	243.6	245.3
	1830	245.8	245.8	255.9	258.6	255.6	256.7	259.1	260.1	266.6	267.7
	1831	206.2	204.0	202.6	203.8	212.5	212.5	209.6	216.2	220.2	223.3
	1832	257.5	266.9	259.4	253.9	257.8	256.1	257.8	259.2	262.8	261.0
	1833	220.9	213.8	230.5	223.1	228.5	233.9	236.0	239.2	238.3	238.5
	1834	239.8	242.3	246.7	242.3	247.4	252.6	246.4	251.1	253.9	251.4
	1835	281.5	286.7	296.1	294.6	296.2	314.7	314.4	322.2	346.5	344.0
	1836	245.9	242.9	254.1	251.8	258.4	246.6	246.8	252.0	254.7	246.6

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
E5F	1837	204.5	201.6	206.7	204.9	209.4	211.9	211.1	208.5	214.7	226.3
	1838	226.1	232.2	227.9	232.0	235.0	236.6	230.2	243.5	246.4	259.4
	1839	206.6	206.1	205.5	209.0	211.3	203.6	206.8	203.6	215.3	213.2
	1840	244.1	236.8	244.0	253.7	250.8	264.5	276.1	273.9	281.0	283.8
	1841	253.1	240.5	253.0	255.6	254.3	261.1	271.0	272.2	276.5	274.8
	1842	207.3	217.7	212.8	208.7	212.5	222.4	217.2	218.5	214.7	221.2
	1843	213.7	217.5	226.1	222.4	225.3	211.1	218.0	222.9	220.7	222.1
	1844	208.8	213.4	214.9	211.9	222.0	222.7	218.0	216.9	215.7	220.3
	1845	235.4	241.4	247.5	245.4	253.7	254.9	263.2	268.6	270.7	275.9
	1846	249.8	253.3	252.0	247.4	256.1	241.0	245.0	254.8	250.0	250.5
	1847	207.6	208.9	209.6	208.2	212.0	211.3	212.5	211.9	215.9	217.4
	1848	230.2	233.6	235.9	237.1	236.8	234.5	238.9	239.5	239.5	245.5
	1849	220.7	221.2	228.5	228.3	226.9	228.8	235.7	246.9	241.1	241.1
	1850	216.8	200.2	225.0	218.6	223.9	217.5	222.5	224.3	229.7	229.7
	1851	221.9	221.2	224.7	223.1	227.0	223.7	227.2	229.5	235.6	239.2
	1852	236.8	234.6	239.1	239.5	236.7	239.7	239.1	241.2	244.0	241.1
	1853	231.6	232.9	236.6	232.4	236.6	233.5	234.5	246.3	238.8	239.4
	1854	222.3	221.3	225.6	225.8	227.7	220.7	230.1	230.4	228.8	234.8
	1855	210.7	217.2	218.9	224.6	229.8	235.5	236.3	239.7	246.9	251.6
	1856	233.7	232.3	233.8	235.3	232.4	235.8	242.4	240.8	242.9	243.0
	1857	222.5	226.4	221.9	224.3	221.1	225.9	227.1	230.1	229.7	234.5
	1858	237.0	238.2	245.1	237.2	241.6	243.6	245.6	244.7	245.4	244.4
	1859	210.6	208.4	207.6	208.8	219.4	215.4	219.5	220.6	223.5	227.7
	1860	213.5	216.2	217.1	217.8	217.3	218.7	217.1	217.9	223.5	221.9
	1861	227.3	224.5	238.7	231.7	230.4	227.7	230.5	233.8	236.0	236.7
	1862	224.8	230.3	207.5	230.8	239.5	243.0	241.1	247.3	247.1	244.8

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
E5F	1863	188.8	194.7	192.8	198.6	198.4	196.4	199.7	202.5	203.7	211.3
	1864	240.0	243.8	241.4	243.1	249.8	247.6	251.6	254.7	253.2	249.5
	1865	254.1	257.9	254.4	257.3	260.8	264.2	266.7	265.9	266.9	273.6
	1866	237.4	240.0	238.6	235.1	237.8	242.0	245.0	251.0	263.9	264.6
	1867	235.9	242.7	245.6	250.3	247.6	252.6	253.8	255.3	261.9	258.9
	1868	249.9	258.8	260.0	258.2	265.7	261.3	267.2	277.3	277.2	286.0
	1869	217.6	224.0	217.8	217.3	211.1	213.7	222.6	226.2	223.6	227.8
	1870	212.6	216.4	222.1	224.0	222.4	228.1	233.7	234.8	237.7	235.6
	1871	239.8	250.1	246.7	252.8	256.5	256.6	259.6	257.7	266.0	260.5
	1872	254.1	248.5	255.5	261.5	262.8	266.1	267.7	271.2	270.1	272.9
	1873	238.6	240.9	238.5	243.1	247.8	243.9	247.5	271.2		
	1874	250.9	261.7	254.4	258.0	264.5	272.1	267.6	265.0		
	1875	224.9	225.8	225.0	227.0	230.1	228.4	230.6	235.1	249.7	241.2
	1876	274.2	274.3	276.7	282.2	291.3	292.9	307.3	302.9	299.8	312.8
	1877	245.7	246.7	253.0	249.5	251.4	248.6	249.1	252.6	257.5	255.2
	1878	226.5	237.9	241.1	250.4	235.9	234.2	240.0	246.5	245.1	247.2
	1879	218.3	225.6	225.0	228.7	228.9	231.2	238.0	237.1	238.7	240.2
	1880	222.3	229.9	226.5	226.8	232.0	232.0	233.3	231.7	237.1	234.7

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
CF	1121							
	1122	342.1	334.8	277.8				
	1123							
	1124	356.9	356.6	365.3				
	1125	321.5	323.5	327.5	326.3	337.8	344.4	353.0
	1126	288.5	296.2	303.9	304.1	314.6	317.5	315.8
	1127	334.7	340.2	354.5	351.9	333.9	332.7	331.3
	1128	316.2	320.6	324.4	328.0	345.5	341.8	353.8
	1129	291.3	276.3	242.6				
	1130	294.4	299.6	313.2	324.2	332.9	341.7	347.1
	1131	337.5	322.1	348.7	354.0	375.6	381.4	363.0
	1132	315.8	335.9	341.0	343.2	354.0	364.2	364.9
	1133	312.7	317.5	320.7	323.4	323.2	284.7	304.6
	1134	297.4	293.2	301.5	316.7	311.6	328.6	332.4
	1135	310.2	316.2	321.9	339.9	338.3	349.7	356.9
	1136							
	1137	232.6	251.8	262.3	263.6	252.6	250.2	255.6
	1138	257.4	261.7	267.9	275.8	285.9	289.6	290.2
	1139	376.6	371.9	370.8	379.6	391.1	385.5	394.0
	1140	376.2	373.9	389.9	393.5	400.1	407.1	426.7
	1141	190.8						
	1142	345.3	345.8	341.8	333.7	331.6	317.4	308.6
	1143	394.6	398.4	401.2	419.7	426.9	438.0	445.7
	1144	372.3	385.1	368.4	378.4	385.9	401.3	399.5
	1145	331.7	342.1	347.7	353.6	364.1	370.5	384.6
	1146	331.4	347.0	362.3	367.8	375.2	382.9	395.7
	1147	377.6	381.5	383.0	393.9	400.1	415.9	427.4

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
CF	1148	282.3	294.7	296.2	305.1	309.0	325.8	325.5
	1149	254.7	257.7	257.9	261.0	268.9	261.5	258.3
	1150	361.2	354.3	356.1	333.2	341.5	345.4	356.3
	1151	332.3	339.0	349.0	359.0	362.5	361.7	353.9
	1152	240.6	249.7	248.3	250.5	247.9	213.8	
	1153	322.2	328.3	329.9	335.3	347.5	344.3	347.3
	1154	284.1	272.6	278.5	279.7	293.2	315.7	315.7
	1155	358.4	356.4	364.2	373.0	389.2	397.8	389.7
	1156	471.8	482.1	486.4	507.8	514.3	528.9	546.5
	1157	266.7	253.5	273.3	276.8	277.6	288.2	290.9
	1158	284.9	285.4	289.7	291.6	305.0	305.2	313.2
	1159	360.0	362.6	362.7	371.5	381.2	383.9	377.1
	1160	380.9	389.4	400.6	409.9	401.6	222.4	
	1161	329.9	328.1	334.0	349.7	350.6	368.2	373.5
	1162	382.0	383.3	389.5	388.2	406.2	382.9	394.1
	1163	262.6	265.4	270.0	280.6	280.8	300.1	313.7
	1164	305.8	324.9	326.6	339.4	349.8	340.2	336.4
	1165	318.0	318.8	321.6	330.8	339.0	343.0	352.4
	1166	372.8	376.8	376.0	377.3	392.3	403.4	414.1
	1167	334.0	327.2	321.4	305.0	337.5	337.6	352.4
	1168	330.3	348.8					
	1169	362.0	359.0	354.6	349.8	362.1	376.2	384.5
	1170	272.1	273.0	269.4	269.5	283.0	272.6	278.7
	1171	288.5	289.1	288.0	297.3	300.8	305.2	296.2
	1172	368.1	362.4	362.7	380.8	400.2	401.2	411.3
	1173	313.3	319.6	322.3	326.1	339.5	339.4	242.3

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
CF	1174	364.2	352.1	356.2	360.0	370.9	388.9	382.0
	1175	298.1	293.2	296.7	313.1	317.4	324.3	328.4
	1176	338.6	342.6	355.3	360.1	370.3	377.8	385.4
	1177	303.8	298.1	305.0	308.0	326.3	326.9	331.5
	1178	255.3						
	1179	364.6	357.9	341.3	354.2	367.8	380.1	372.0
	1180	275.9						
CBF	1201	321.7	335.3	335.5	344.5	352.3	354.1	349.8
	1202	337.9	344.7	348.3	358.6	360.4	361.1	364.2
	1203							
	1204	339.7	335.8	337.9	348.4	351.2	358.4	366.8
	1205	274.9	272.0	276.3	285.0	287.4	290.7	298.3
	1206	284.7	286.9	289.2	290.2	301.8	290.1	301.0
	1207							
	1208							
	1209	345.0	338.2	350.1	338.0	343.3	345.0	354.7
	1210	336.2	358.6	359.8	375.8	378.1	396.5	412.7
	1211	316.6	318.5	318.3	314.1	327.9	324.5	332.6
	1212							
	1213	431.4	421.6	437.9	459.1	500.6	475.8	
	1214	333.1	326.5	320.9	310.7			
	1215	319.9	327.9	332.3	341.0	350.3	348.4	344.0
	1216	301.5	300.4	278.1				
	1217	303.3	293.7	317.3	301.9	299.2	299.2	316.3
	1218	252.9						

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
CBF	1219	303.0	319.0	321.4	324.3	334.6	349.8	355.5
	1220	327.0	332.8	338.4	339.9	354.6	356.0	359.7
	1221	329.8	342.4	320.2	353.5	347.7	345.8	340.3
	1222	416.8	422.0	431.8	449.8	456.8	473.7	484.7
	1223	367.6	374.2	369.2	375.2	380.8	389.8	402.1
	1224							
	1225	319.6	320.9	332.8	329.2	345.5	334.4	266.6
	1226	269.8	276.8	280.0	295.8	306.6	294.0	276.9
	1227	324.3	324.5	336.5	337.3	343.5	351.6	363.8
	1228	293.0	301.0	307.9	306.4	313.9	319.2	319.1
	1229	314.7	331.2	344.8	354.8	360.1	368.2	372.1
	1230	318.8	320.4	328.8	334.7	328.2	308.5	271.5
	1231	343.0	358.5	370.7	383.1	396.1	405.7	406.0
	1232	303.5	322.7	321.1	310.6	318.5	338.7	326.3
	1233	284.0	296.5	292.0	307.0	325.6	321.2	324.6
	1234	254.3	264.2	272.7	285.6	314.0	330.4	339.3
	1235	301.1	306.1	310.2	313.9	319.7	318.4	
	1236	299.7	311.2	310.6	312.9	317.6	296.7	258.6
	1237	259.0	275.6	280.9	297.4	303.4	308.8	314.0
	1238	315.6	322.4	328.5	345.0	361.3	382.3	387.3
	1239	281.5	282.3	286.3	282.8	282.2	286.3	300.3
	1240	337.4	353.6	353.9	365.0	386.8	378.3	381.4
	1241							
	1242	327.8	335.3	339.9	350.7	375.7	394.0	398.1
	1243	329.0	341.8	366.6	462.6	548.4		
	1244	281.8	285.5	325.7	313.3	269.4	312.2	354.7

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
CBF	1245							
	1246	371.4	372.1	384.8	397.0	404.2	406.8	409.9
	1247	317.1	327.9	327.4	333.7	335.0	334.0	328.9
	1248	342.0	359.6	373.2	384.9	401.9	430.7	456.9
	1249	283.6	295.7	300.5	285.7	244.6		
	1250	419.2	423.3	428.6	439.1	447.9	434.6	417.4
	1251	327.8	333.1	333.3	342.1	356.3	348.9	360.7
	1252	302.2	309.5	314.9	309.4	330.6	336.9	339.9
	1253	272.3	278.0	286.3	287.9	302.6	306.0	314.3
	1254	249.2	248.4	250.2	265.9	275.5	284.9	287.5
	1255	276.4	263.7	330.2	340.5	349.5	350.4	350.2
	1256	240.2	248.1	246.4	248.7	252.7	281.3	286.8
	1257	243.2	245.2	260.7	258.6			
	1258	272.1	269.8	283.3	292.6	309.0	320.3	322.4
	1259	311.5	316.6	316.2	322.4	332.9	361.7	327.8
	1260	313.2	331.3	333.8	345.3	357.2	339.0	366.4
B0.2F	1321	304.6	305.2	300.3	296.9	321.5	311.2	
	1322	269.0	280.2	279.7	296.9	294.2	298.4	282.5
	1323	307.7	317.5	323.4	329.1	350.4	365.0	
	1324	282.3	281.4	288.2	278.8	226.2		
	1325	329.6	334.7	325.9	336.4	329.5	322.5	271.9
	1326	386.2	369.6	376.2	358.6			
	1327	274.1	279.6	282.2	292.8	306.4	302.8	310.6
	1328	389.4	406.5	387.3	400.7	428.9	448.2	449.2
	1329	279.5	286.8	285.7	295.9	307.4	303.5	307.3

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
B0.2F	1330	329.5	345.1	350.4	357.2	357.7	359.9	365.9
	1331	249.4	260.2	255.2	250.7	258.7	263.4	264.1
	1332	282.9	283.7	285.0	298.5	300.0	307.7	307.6
	1333	364.7	357.3	355.5	369.8	375.4	379.6	382.1
	1334	284.8	299.0	297.9	303.7	316.0	319.2	323.7
	1335	311.1	313.5	319.5	312.6	328.7	330.2	318.7
	1336	304.6	302.0	305.2	309.0	318.1	312.2	317.6
	1337	315.3						
	1338	322.0	323.4	321.8	333.3	349.1	359.2	361.8
	1339	373.5	370.5	382.6	380.8	388.3	393.1	389.8
	1340							
	1341							
	1342	336.7	343.8	368.3	379.6	400.8	406.8	402.1
	1343	333.1	338.7	340.4	364.5	369.8	376.1	385.1
	1344	357.1	356.8	357.1	370.2	382.6	383.6	390.5
	1345	330.9	328.7	315.9	300.0	229.2		
	1346	270.5	266.1	275.0	276.1	280.8	281.5	282.2
	1347	342.6	330.0	337.2	342.6	345.8	342.5	342.6
	1348	252.8	217.9	247.3	249.9	251.5	253.1	264.6
	1349	248.9	214.9	246.9	249.2	261.1	264.1	270.6
	1350	276.0	237.6	296.8	304.6	311.3	323.5	318.1
	1351	242.2	245.4	237.7	239.2	245.4	261.4	258.0
	1352	305.5	314.3	323.5	322.8	340.7	345.6	358.8
	1353	409.3	408.2	380.3	361.0	365.9	337.7	378.0
	1354	294.2	299.0	310.2	311.0	324.7	317.0	319.6
	1355							

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
B0.2F	1356	290.5	261.9	298.8	307.4	324.2	323.8	328.3
	1357	333.4	315.0	326.5	306.2	302.9	281.6	255.3
	1358	321.2						
	1359	345.0	344.4	358.4	358.9	367.6	369.1	377.3
	1360	281.1	269.7	284.5	289.3	309.1	294.8	317.7
	1361	337.5	341.6	341.9	359.0	377.4	376.3	379.8
	1362	318.5	328.6	360.6	358.3	378.2	378.4	391.6
	1363	377.0	379.1	390.5	391.0	399.4	410.9	415.4
	1364	356.5	348.4	355.5	353.6	360.2	366.7	364.6
	1365	244.7	235.6	236.6	236.8	249.0	237.8	242.4
	1366	483.4	476.8	471.9	472.3	428.5	369.2	
	1367	267.1	257.4	275.3	288.0	294.3	294.2	291.4
	1368	261.6	272.8	263.5	273.5	285.8	289.2	301.2
	1369	284.0	290.4	292.7	308.4	314.3	323.6	341.1
	1370	297.9	302.9	313.7	317.8	328.4	332.1	328.2
	1371	272.5	286.9	277.7	275.7	283.2	292.0	286.8
	1372	285.6	283.6	292.2	295.1	325.1	318.6	330.7
	1373	268.1	273.2	289.4	297.2	314.7	319.9	295.4
	1374	217.8	223.2	225.3	225.9	241.9	248.2	272.1
	1375	293.3	280.4	284.1	291.1	292.0	299.5	299.8
	1376	289.5	278.6	283.3	292.9	296.6	303.5	317.1
	1377	310.5	315.3	320.5	332.7	356.6	371.7	383.0
	1378	323.0	328.0	284.9	224.3	178.2		
	1379	323.2	325.4	341.3	347.8	357.0	358.1	362.3
	1380	315.8	310.3	313.8	315.4	323.5	315.4	312.2

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
B2F	1421	262.7	253.4	255.1	253.9	259.5	264.3	261.7
	1422	275.8	273.9	283.5	289.8	294.1	312.1	310.8
	1423	263.8	259.2	262.4	259.7	271.2	259.6	
	1424	241.4	247.5	246.8	250.9	255.1	252.7	255.8
	1425	233.7	235.3	238.1	250.6	256.1	264.9	271.0
	1426	250.1	255.9	257.6	267.5	275.9	269.1	278.9
	1427	289.2	277.6	285.7	294.9	305.1	311.2	314.7
	1428	220.6	227.4	231.9	236.2	233.1	238.9	242.4
	1429							
	1430	244.3	244.5	247.1	253.1	257.3	254.2	256.3
	1431	293.1	292.5	290.0	289.2	296.5	296.3	301.6
	1432	310.8	308.5	309.3	313.5	321.8	323.5	313.0
	1433	254.9	246.8	249.5	279.2			
	1434	250.0	255.9	261.0	259.8	287.2	290.7	287.0
	1435	254.7	271.2	260.2	264.5	261.0	267.9	286.2
	1436	248.0	264.4	269.7	296.8	299.8	308.1	309.5
	1437							
	1438	288.4	283.9	290.9	297.4	295.6	310.4	310.6
	1439	251.3	259.6	259.4	259.4	267.0	258.6	
	1440	274.0	296.8	303.7	306.8	315.9	329.4	321.5
	1441							
	1442	253.3	257.1	231.6				
	1443	254.0	292.6	292.8	304.5	299.7	297.8	298.9
	1444	362.3	406.9	442.8	475.1			
	1445	304.7	311.2	316.0	331.6	327.6	336.0	342.9

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
B2F	1446	280.6	279.7	288.1	285.7	286.6	299.4	299.9
	1447	289.2	311.4	312.0	314.2	323.3	340.9	350.5
	1448	279.0	277.8	282.3	299.9	299.3	300.5	303.5
	1449	256.7	259.3	250.5	252.4	263.2	263.6	257.9
	1450	242.5	244.7	255.0	256.5	257.7	260.4	256.6
	1451	261.7	263.7	262.7	268.3	272.2	282.7	278.1
	1452	259.8	258.7	265.7	268.0	280.0	280.5	291.2
	1453	243.1	263.2	269.1	274.4	281.5	287.2	281.8
	1454	305.0	307.8	321.5	332.3	330.6	343.2	346.9
	1455	241.4	242.7	237.7	235.1	239.6	240.5	237.8
	1456	249.8	250.0	249.6	236.5	219.5	200.3	
	1457							
	1458	334.6	325.7	337.1	344.3	349.6	362.1	367.0
	1459	298.6	299.9	311.8	314.8	323.3	319.6	325.2
	1460							
	1461	204.1						
	1462	222.4	240.8	235.8	251.8	246.9	254.2	254.7
	1463	269.0	258.7	276.8	284.5	295.6	292.5	276.1
	1464	282.4	276.8	285.2	297.1	299.4	305.1	304.6
	1465	288.1	307.5	304.9	311.9	316.2	323.5	329.2
	1466	279.6	272.1	277.8				
	1467	231.8	242.5	253.8	246.3	244.7		
	1468	244.9	245.2	245.5	264.6	274.7	283.0	281.1
	1469	227.3	231.2	237.0	240.3	264.6	252.8	268.0
	1470	297.3	298.9	296.7	310.9	314.3	315.4	320.6
	1471	271.7	266.4	267.2				
	1472	234.5	245.7	256.6	261.4	273.7	278.8	283.4

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
B2F	1473	296.8	292.9	296.0	306.9	307.4	307.1	314.0
	1474	258.1	258.5	265.0	277.2	279.0	293.4	291.7
	1475	268.8	268.3	283.2	279.6	277.8	284.4	273.3
	1476	288.3	288.4	294.8	297.9	309.2	312.4	322.2
	1477	268.2	261.5	277.0	270.6	276.9	286.6	284.7
	1478	340.7	339.9	350.2	361.1	347.0	362.2	362.0
	1479	243.3	244.6	254.0	253.8	256.3	261.3	266.4
	1480	282.1	240.8	243.3				
B5F	1521	207.5	207.6	213.5	209.9	214.3	211.1	214.8
	1522	242.3	252.2	259.3	253.5	262.0	263.7	269.0
	1523	254.9	251.9	249.3	261.5	254.8	258.1	259.6
	1524	208.5	204.6	212.7	213.7	209.5	222.6	221.6
	1525	245.3	234.1	234.3	234.6	250.3	249.3	251.3
	1526	263.8	264.1	267.1	214.5	264.5	264.4	263.8
	1527	220.1	217.8	222.5	222.4	222.7	225.4	225.3
	1528	273.3	279.8	277.4	277.1	279.6	280.7	282.4
	1529	240.2	234.0	242.4	237.9	228.3	242.3	247.6
	1530	267.3	263.2	281.1	278.5	282.9	281.2	274.9
	1531	227.4	233.0	229.9	233.0	229.2	222.6	
	1532	251.3	244.0	248.7	248.4	259.8	265.8	267.7
	1533	239.1	240.0	239.2	238.6	236.5	243.0	246.9
	1534	326.5						
	1535	232.0	241.2	237.1	238.6	241.8	249.3	251.1
	1536	265.0	249.6	254.3	253.5	254.9	267.3	271.6
	1537	292.7	295.2	296.3	296.3	295.5	299.4	299.3

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
B5F	1538	264.9	264.5					
	1539	232.3	235.0	236.9	230.2	230.0		
	1540	235.7	231.0	237.5	237.5	242.3	245.9	247.9
	1541	241.0	242.0	244.9	248.7	248.7	250.1	248.6
	1542	249.4	245.5	254.6	257.7	257.2	255.7	256.1
	1543	209.1	209.2	210.7	210.2	207.5	213.0	219.7
	1544	217.3	219.9	227.2	226.8	215.4	227.7	233.8
	1545	243.8	253.9	252.0	257.7	266.9	263.4	269.6
	1546	247.3	243.8	252.8	254.4	272.7	284.9	287.7
	1547	238.7	244.0	248.2	251.5	260.0	258.6	230.7
	1548	260.8	265.9	287.3	311.5	328.9	355.5	387.6
	1549	232.5	228.8	234.4	238.4	237.8	239.8	242.2
	1550	235.2						
	1551	242.3	246.2	242.4	248.8	250.8	257.1	257.4
	1552							
	1553	222.3	217.7	219.4	220.6	219.7	221.3	226.1
	1554	256.0	255.8	255.4	265.1	268.9	265.5	269.4
	1555	251.4	252.2	252.2	254.7	258.7	257.6	260.3
	1556	218.6	218.2	223.5	216.2	218.7	214.8	212.0
	1557	303.5	301.0	313.1	323.7	322.9	327.3	326.9
	1558	237.3	227.8	229.6	236.1	238.8	243.1	238.2
	1559							
	1560							
	1561	246.1	248.9	249.8	251.0	248.4	257.8	253.8
	1562	198.4	199.2	204.4	202.1	200.5	203.2	206.3
	1563	250.1	244.9	252.1	254.6	249.1	256.4	252.0

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
B5F	1564	223.2	224.1	229.2	215.5	229.7	234.7	234.2
	1565							
	1566	216.7	219.6	214.3	220.7	218.0	217.5	221.9
	1567	244.3	243.5	247.7	243.7	248.2	248.0	250.8
	1568	220.3	222.7	222.5	221.7	220.4	223.1	219.3
	1569	243.6	246.3	254.4	255.3	256.0	272.3	272.9
	1570	272.3	292.2	284.2	295.7	287.3	287.4	290.0
	1571	245.9	244.1	253.4	256.5	259.4	256.5	251.1
	1572	250.4	244.3	255.0	256.9	264.7	263.1	269.0
	1573	228.6	222.5	226.6	226.2	225.4	227.6	229.1
	1574							
	1575	230.2	236.0	233.7	237.8			
	1576	270.5	267.0	266.2	267.7	265.2	270.5	264.6
	1577	245.4	242.3	244.2	243.8	246.6	239.4	
	1578	225.2	211.3	217.0	213.4	213.2	218.2	214.5
	1579	220.5	227.0	223.9	227.1	225.5	226.9	224.9
	1580	251.1	250.1	259.0	250.6	257.6	256.7	255.2
E0.2F	1621	317.5	326.7	330.7	338.2	341.8	347.7	348.8
	1622	316.9	334.8	325.9	322.2	338.6	347.3	334.7
	1623	341.5	344.3	342.5	345.5	348.9	350.4	348.0
	1624	252.6	251.3	255.7	251.7	248.2	238.8	243.9
	1625	315.4	321.1	327.8	328.4	349.4	371.4	373.8
	1626	356.0	359.1	323.6				
	1627	329.9	329.8	325.9	328.4	348.3	348.7	338.8
	1628	320.7	343.0	358.0	376.3			

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
E0.2F	1629	250.6	249.9	249.7	255.6	255.1	272.8	279.5
	1630	281.7	276.0	283.3	297.1	306.0	306.4	311.4
	1631	240.9	248.2	252.3	252.2	248.8	256.7	258.0
	1632	366.7	370.1	364.9	364.9	372.8	379.2	382.6
	1633	352.6	355.5	334.4				
	1634	479.2	500.1	497.3	519.4	572.0		
	1635							
	1636	493.7	520.2	509.7	516.4	525.3	529.4	506.4
	1637	349.5	351.8	355.6	357.2	368.4	368.8	369.7
	1638	355.2	363.8	374.0	375.4	382.1	399.8	367.1
	1639	312.2	300.6	333.2	331.8	326.0		
	1640	329.7	320.5	324.0	334.5	332.3	334.6	336.0
	1641	292.2	309.8	316.7	326.7	348.4	356.6	362.8
	1642	325.8	329.4	332.7	339.5	340.0	351.3	345.4
	1643	380.9	369.4	396.4	397.2	406.4	416.6	425.5
	1644	332.2	329.1	348.2	360.3	394.0	392.6	398.3
	1645	256.9	260.4	272.6	273.4	272.6	278.5	279.0
	1646	327.5	316.7	333.9	345.0	354.9	343.4	265.9
	1647							
	1648	307.2	308.1	312.0	323.1	333.1	330.5	337.1
	1649	310.2	316.2	319.5	330.1	339.1	348.1	358.2
	1650	338.4	316.2	350.2	354.7	354.7	368.9	367.2
	1651	270.8	269.4	276.5	280.0	282.4	294.9	290.4
	1652	314.2	323.1	326.2	333.9	334.9	327.2	336.5
	1653	285.3	300.6	287.8	286.0	283.4	274.5	272.3
	1654	240.6	240.2	250.4	278.5	272.5	272.6	265.1

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
E0.2F	1655	306.5	311.7	317.5	324.0	331.0	333.6	321.8
	1656	278.7	280.3	281.5	278.5	248.6	306.9	
	1657	236.7	234.7	244.6	245.0	246.1	249.8	255.2
	1658	341.7	347.4	344.7	308.3	223.7		
	1659	407.4	416.3	414.1	411.1	430.4	441.9	413.6
	1660	284.7	301.3	312.6	303.3	296.7	284.3	
	1661	294.0	300.2	301.4	297.3	301.6	310.7	309.0
	1662	310.5	318.2	319.9	323.2	325.6	331.5	319.1
	1663	347.4	375.0	386.8	399.7	408.3	405.1	416.7
	1664	335.6	334.7	335.7	341.8	347.5	354.0	350.7
	1665	262.3	263.6	264.2	285.4	273.9	272.8	260.6
	1666	343.5	342.3	347.2	345.2	348.9	362.7	362.7
	1667	389.8	392.0	407.2	410.1	416.6	429.3	433.8
	1668	325.9	337.0	361.2	365.9	379.6	390.5	403.2
	1669	366.1	377.7	370.4	373.4	377.4	387.8	385.9
	1670	241.7	258.0	238.5	238.5	240.1	232.6	226.6
	1671	262.2	265.5	271.8	272.9	291.7	300.7	305.1
	1672	298.2	299.4	290.7	299.6	311.0		
	1673	357.6	357.2	361.4	368.5	380.1	385.5	367.8
	1674	243.9	241.7	254.3	254.3	252.1	251.6	216.4
	1675	218.2	208.5	214.9	219.4	216.8	224.7	
	1676	248.8	246.6	255.5	254.7	254.5	260.1	262.6
	1677	372.1	363.6	376.7	380.9	389.9	398.0	408.4
	1678	328.3	334.0	345.8	355.6	357.5	377.0	369.9
	1679	302.7	304.9	312.0	306.0	310.9	301.5	317.8
	1680	256.0	279.5	283.4	283.7	284.6	283.4	288.5

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
E2F	1721	274.6	306.5	292.8	301.5	304.6	300.2	306.1
	1722	239.9	237.5	242.4	240.0	243.0	237.9	248.8
	1723	308.5	311.1	315.0	310.6	318.2	323.3	323.6
	1724	242.8	234.0	247.7	241.4	267.1	262.5	257.6
	1725	328.7	368.1	375.9				
	1726	266.8	267.5	294.7	303.2	300.8	303.0	309.0
	1727	252.0	248.5	257.8	259.4	261.9	273.6	280.9
	1728	227.0						
	1729	256.9	257.9	262.9	265.9	266.0		
	1730	293.1	306.0	304.4	318.4	309.1	353.3	363.8
	1731							
	1732	294.5	317.0	320.8	323.0	330.7	335.7	335.7
	1733	304.8	308.8	317.2	319.1	303.5	338.0	340.7
	1734	217.3	216.2	214.6	215.9	218.1	219.3	220.6
	1735	220.6	220.2	220.6	220.6	226.2	227.7	232.8
	1736	315.7	313.9	316.2	322.5	334.6	339.2	341.6
	1737	355.6	359.6	366.1	395.2	415.8	392.9	
	1738	266.5	262.6	272.6	270.9	271.9	272.8	274.5
	1739	290.9	290.6	299.2	303.8	309.3	312.9	337.5
	1740	298.0	293.6	302.7	309.0	310.6	322.8	325.2
	1741	271.6	275.9	277.4	278.0	272.4	285.2	277.9
	1742							
	1743	275.6	273.8	281.1	277.8	269.6	270.4	255.4
	1744	249.8	259.9	261.8	261.2	279.4	291.1	294.5
	1745	222.7	226.1	227.5	223.5	240.6	234.2	229.1

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
E2F	1746	282.7	282.7	281.3	288.3	292.5	298.7	297.1
	1747	332.8	327.8	323.9	310.8	320.7	326.1	326.4
	1748	328.3	326.3	322.8	333.0	344.6	357.6	354.8
	1749	360.3	367.6	383.8	382.6	386.1	390.3	392.2
	1750	309.8	312.0	305.8	310.6	313.7	316.7	294.5
	1751	282.3	294.7	299.7	297.2	304.5	313.1	309.5
	1752	261.5	257.3	260.7	263.8	276.0	276.8	276.4
	1753	271.3	262.6	263.4	267.9	276.3	282.4	289.3
	1754	339.9	344.7	347.4	347.4	348.1	371.0	372.4
	1755	328.0	330.2	329.2	337.6	341.0	331.0	330.7
	1756	293.6	299.1	308.7	315.3	314.8	334.1	366.7
	1757	264.1	264.4	270.4	279.0	304.0	305.6	310.6
	1758	330.1	316.0	314.9	322.9	329.0	337.9	327.1
	1759	261.9	268.3	309.7				
	1760	264.2	264.8	265.3	259.1	271.8	263.2	270.9
	1761	257.1	272.7	267.8	266.1	274.4	280.7	285.0
	1762	261.4	271.6	272.0	285.6	282.9	293.4	290.3
	1763	274.5	278.9	279.3	278.9	278.8	278.1	281.4
	1764	286.6	280.7	291.8	287.3	289.9	296.2	297.2
	1765	237.8	232.4	241.9	243.7	256.0	262.4	261.0
	1766	245.7	254.5	266.8	278.2	262.1	264.8	276.0
	1767	319.7	319.7	323.4	328.1	324.9	328.6	328.2
	1768	237.5	238.8	246.3	247.0	247.8	252.6	255.5
	1769	351.5	345.9	345.2	339.0	300.7	334.5	272.9
	1770	289.8	287.0	290.0	285.8	287.5	290.6	302.7
	1771	315.8	314.0	317.6	316.3	322.2	326.1	328.5

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
E2F	1772	235.0	236.3	235.1	239.2			
	1773	279.2	276.4	279.8	283.6	274.7	272.0	269.2
	1774	263.7	266.3	268.7	264.8	268.6	279.1	278.3
	1775	240.1	231.5	228.6	234.4	233.0	233.3	236.9
	1776	254.8	262.0	264.7	264.7	274.5	277.8	285.5
	1777	304.1	319.9	322.0	330.0	352.8	367.2	377.8
	1778	286.5	286.4	285.7	275.0	244.1	227.9	
	1779							
	1780	267.0	265.8	262.8	259.8	288.1	281.9	270.4
E5F	1821	271.7	265.0	258.7	258.2	257.9	265.9	264.6
	1822	204.0	210.5	209.4	208.8	206.8	214.3	216.0
	1823	243.4	233.3	229.1	231.6	239.9	232.6	233.0
	1824	219.1	229.4	233.5	228.9	228.3	238.1	229.6
	1825	261.9	253.2	263.7	262.0	266.9	264.0	274.1
	1826	246.9	256.8	241.6	244.9	248.1	242.8	249.4
	1827	262.1	260.1	262.6	269.4	263.8	279.2	270.7
	1828	227.8	241.9	238.9	242.2	239.7	246.6	252.8
	1829	245.9	243.5	242.7	249.2	252.4	253.9	267.9
	1830	258.2	266.2	257.9	257.1	258.0	225.2	
	1831	222.4	224.8	225.4	229.0	231.3	239.1	239.8
	1832	256.2	257.4	263.2	256.9	260.3	259.5	261.0
	1833	229.9	229.1	232.5	230.8	233.4	238.7	243.3
	1834	243.2	246.5	248.0	240.8	242.9	246.0	246.1
	1835	356.2	367.1	351.8	358.7	364.4	381.0	382.7
	1836	257.5	256.4	262.9	260.9	266.5	265.0	270.4

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
E5F	1837	222.9	226.5	233.4	230.5	241.1	242.2	250.0
	1838	246.9	261.4	265.3	287.7	301.9	336.4	361.7
	1839	203.7	217.8	212.0	214.0	213.1	218.4	223.1
	1840	289.6	290.8	293.0	291.3	300.3	299.6	303.7
	1841	277.0	279.6	279.2	282.4	283.7	283.8	292.0
	1842	220.1	222.7	218.5	236.8	239.7	249.1	252.1
	1843	218.8	220.2	221.1	220.8	234.3	238.0	232.3
	1844	214.5	210.5	219.2	214.7	216.1	226.8	227.1
	1845	281.0	269.9	279.4	291.9	297.7	305.7	303.0
	1846	243.1	240.4	245.6	246.8	247.6	241.8	250.9
	1847	217.0	209.2	216.5	215.2	215.0	224.7	223.7
	1848	237.1	229.3	246.5	236.6	240.6	241.8	251.4
	1849	235.6	236.3	241.2	241.4	249.3	249.3	249.6
	1850	227.5	224.6	230.4	230.5	231.6	234.7	233.1
	1851	236.2	233.6	241.0	242.8	242.8	247.8	245.3
	1852	240.0	230.3	240.8	238.4	231.9		
	1853	236.6	227.4	236.1	235.6	236.7	239.3	253.5
	1854	233.7	226.6	236.9	232.5	236.9	235.4	237.7
	1855	240.8	240.5	245.3	246.7	250.2	249.7	249.4
	1856	237.9	231.6	238.1	238.6	245.9	241.6	239.1
	1857	228.1	226.5	231.2	236.0	242.2	244.1	254.8
	1858	252.1	231.5	245.1	254.3	244.0		
	1859	218.6	219.8	224.3	224.8	232.1	234.2	235.6
	1860	218.8	212.2	225.0	219.2	191.9		
	1861	233.2	227.2	234.8	237.9	237.9	237.5	247.6
	1862	247.1	241.7	254.0	250.4	261.7	265.4	

Table F-4. Individual Animal Body Weight (g) Data – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	651	679	707
E5F	1863	208.0	201.1	204.7	200.6	203.0	200.7	201.0
	1864	252.5	247.3	251.5	258.6	255.0	262.2	264.2
	1865	271.1	262.0	276.0	274.6	272.2	295.2	294.3
	1866	257.3	256.6	264.4	260.1	264.5	266.6	270.6
	1867	258.6	253.3	262.7	262.7	267.8	269.1	269.9
	1868	299.1	292.4	293.3	293.7	283.4	266.9	274.2
	1869	217.6	216.0	224.7	230.2	228.6	238.3	226.2
	1870	236.9	231.7	234.9	241.2	237.9	240.0	
	1871	256.2	263.9	257.2	263.4	271.3	276.1	268.3
	1872	268.7	270.7	282.3	289.8	291.6	299.0	291.8
	1873							
	1874							
	1875	243.5	236.8	199.0	251.7	245.9	254.6	245.3
	1876	303.8	312.7	281.8	334.8	362.9	382.8	429.8
	1877	253.8	252.0	248.1	262.1	271.6	267.5	279.4
	1878	251.8	245.2	255.5	261.1	262.1	263.8	
	1879	239.4	233.6	242.6	242.8	247.5	249.0	247.6
	1880	237.7	233.9	236.3	242.2	236.3	241.4	241.6

Table F-5. TK Individual Animal Absolute Body Weight (g) – Males

Group	Animal	Day									
	ID	-11	1	7	14	21	28	35	42	49	56
CM	1001	102.7	150.5	184.0	224.0	249.5	275.1	288.1	302.4	309.2	317.8
	1002	100.3	151.8	190.2	232.5	257.4	279.2	297.4	314.5	320.3	330.8
	1003	110.5	170.9	207.4	252.5	281.2	300.9	318.2	340.1	358.9	356.5
	1004	107.9	157.1	188.2	218.0	241.3	254.8	268.2	281.1	294.8	305.2
	1005	113.6	164.2	196.1	220.4	237.2	251.9	265.2	278.2	286.3	294.5
	1006	94.8	128.8	154.8	180.4	197.5	210.2	216.3	224.8	230.6	239.6
	1007	94.5	164.4	203.5	250.9	282.6	313.3	334.6	354.5	370.6	385.4
	1008	105.1	157.6	194.9	232.1	260.0	274.5	287.7	304.6	314.2	327.4
	1009	117.4	181.3	214.6	249.8	272.6	292.1	306.1	320.4	325.1	334.8
	1010	112.9	171.4	208.8	240.3	263.3	283.5	296.4	311.2	318.1	333.8
B0.2M	1031	109.7	159.4	189.5	221.3	241.7	258.3	266.0	274.3	278.5	287.3
	1032	113.3	172.1	205.3	245.8	282.2	306.1	330.4	349.4	364.3	378.2
	1033	104.5	156.7	187.3	217.8	232.2	249.3	263.5	278.0	287.2	293.4
	1034	107.9	158.7	188.1	225.5	246.5	266.8	279.0	294.3	303.1	310.1
	1035	100.7	148.8	176.3	206.3	225.3	243.2	260.6	270.1	280.7	291.0
	1036	94.6	161.2	202.5	248.4	278.5	305.7	324.3	340.8	357.6	370.1
	1037	93.1	144.1	174.8	213.0	239.7	268.9	288.9	309.1	321.9	336.9
	1038	98.6	164.8	198.6	239.0	266.1	289.1	303.3	315.5	328.7	337.2
	1039	117.9	172.9	201.3	234.1	255.7	275.4	288.8	302.8	308.7	321.1
	1040	111.6	176.6	215.5	253.3	282.3	308.6	326.5	338.6	354.3	365.0
B2M	1041	117.7	171.7	205.9	238.0	256.0	277.4	288.0	300.1	312.2	318.7
	1042	108.4	157.1	191.9	223.4	250.7	271.4	287.1	297.8	314.3	321.2
	1043	97.7	157.1	190.3	233.1	264.1	288.9	304.7	319.3	331.0	341.7
	1044	94.4	159.9	192.0	237.4	267.4	281.8	298.3	315.2	326.3	343.0
	1045	101.1	166.7	200.4	243.9	271.3	298.4	319.6	340.0	353.9	364.9
	1046	107.9	180.4	219.8	268.7	297.0	333.3	348.1	373.7	386.0	399.6

Table F-5. TK Individual Animal Absolute Body Weight (g) – Males (Continued)

Group	Animal	Day									
	ID	-11	1	7	14	21	28	35	42	49	56
B2M	1047	112.4	173.3	205.1	239.6	260.8	280.8	292.7	309.2	315.5	323.0
	1048	104.5	162.3	193.5	229.0	247.6	269.7	283.4	296.0	308.9	315.0
	1049	96.2	150.5	178.2	215.9	243.4	267.1	277.9	292.5	305.6	318.8
	1050	114.4	173.7	208.1	242.5	264.6	281.7	294.8	306.5	313.5	319.7
B5M	1051	92.8	163.7	193.8	237.2	267.7	292.9	306.4	320.7	334.6	352.0
	1052	104.9	161.2	186.6	221.0	240.6	261.6	270.2	280.6	288.0	298.0
	1053	108.8	171.1	192.6	224.7	241.3	259.6	273.3	289.1	303.7	320.5
	1054	97.8	161.1	184.5	218.3	239.4	257.3	265.6	278.3	292.5	303.7
	1055	96.7	150.6	180.4	221.8	252.6	274.9	291.2	306.8	316.2	333.8
	1056	113.4	172.0	197.6	233.2	256.6	272.8	289.7	306.7	325.1	319.2
	1057	107.1	149.4	175.3	206.7	226.4	247.8	262.1	280.5	291.9	299.4
	1058	116.4	169.8	193.8	226.9	242.3	251.3	257.6	268.5	281.6	285.3
	1059	112.0	166.2	193.4	225.0	241.5	253.4	267.1	277.6	288.2	301.0
	1060	101.3	160.5	183.2	224.3	245.3	270.3	280.3	292.2	303.1	309.4
E0.2M	1061	102.7	146.9	180.6	216.9	237.8	259.7	260.0	276.5	293.4	304.1
	1062	118.1	178.4	220.0	263.2	291.1	322.1	336.8	355.4	369.6	382.0
	1063	106.4	168.1	209.7	258.4	280.7	304.5	314.9	331.4	343.8	345.2
	1064	113.1	161.6	200.3	239.5	268.2	287.8	306.6	328.8	339.5	357.7
	1065	108.9	166.4	201.7	248.4	275.9	300.4	323.3	344.5	366.7	380.3
	1066	93.3	143.9	175.3	214.6	240.4	260.9	273.5	291.7	304.6	311.9
	1067	95.9	147.2	177.7	213.6	239.3	255.9	269.5	284.1	291.8	303.2
	1068	114.0	163.4	197.5	232.0	251.3	269.6	284.1	297.6	305.0	314.3
	1069	100.4	157.4	193.6	231.9	262.9	281.9	303.9	322.1	330.7	337.5
	1070	104.7	144.2	169.8	200.8	207.3	219.8	227.0	242.0	258.5	265.6

Table F-5. TK Individual Animal Absolute Body Weight (g) – Males (Continued)

Group	Animal ID	Day									
		-11	1	7	14	21	28	35	42	49	56
E2M	1071	106.9	166.5	200.7	237.3	261.8	280.9	295.1	309.3	323.6	332.0
	1072	115.7	159.5	182.8	215.9	232.3	250.3	261.9	276.0	283.4	287.2
	1073	101.9	155.8	181.8	214.9	236.4	252.1	260.5	276.1	290.9	300.8
	1074	93.7	139.7	168.5	199.4	221.6	235.7	245.1	252.7	257.8	263.4
	1075	98.7	152.5	182.8	222.9	254.7	281.0	292.9	313.1	325.9	334.0
	1076	111.5	162.7	195.0	221.7	241.3	255.2	268.8	278.2	283.7	291.3
	1077	95.5	162.7	198.1	235.5	259.0	283.1	299.0	315.5	329.4	332.9
	1078	103.2	164.1	198.6	237.9	260.9	276.0	288.0	300.0	311.2	322.1
	1079	113.8	163.5	186.0	212.0	228.2	244.2	254.4	264.8	275.1	283.3
	1080	109.2	162.3	198.4	234.0	255.3	278.1	293.5	305.2	316.7	326.6
E5M	1081	106.1	158.4	187.4	217.6	241.9	259.0	263.2	277.1	281.6	289.9
	1082	110.6	168.1	199.1	239.8	265.4	290.0	304.9	323.7	342.4	360.8
	1083	106.6	152.6	177.3	201.9	218.7	235.2	246.9	262.6	273.5	280.5
	1084	110.8	159.2	188.6	223.0	240.5	261.0	277.9	292.9	305.4	315.2
	1085	114.8	173.9	200.8	231.5	258.2	277.8	297.5	309.5	327.4	334.0
	1086	96.6	151.7	179.1	210.7	231.9	250.8	264.5	277.1	289.2	300.1
	1087	116.7	175.3	198.5	233.3	251.1	266.9	279.9	293.3	300.3	308.7
	1088	99.4	160.3	184.9	221.7	253.4	276.5	298.7	314.2	323.8	336.0
	1089	100.5	158.2	186.1	220.9	244.9	260.3	272.5	281.5	285.3	293.9
	1090	94.2	159.1	185.6	231.4	259.7	281.5	301.5	324.4	338.8	350.3

Table F-5. TK Individual Animal Absolute Body Weight (g) – Males (Continued)

Group	Animal	Day									
	ID	63	70	77	84	91	119	147	175	203	231
CM	1001	327.3	339.3	347.8	362.3	361.2	388.6	400.5	413.4	428.7	435.6
	1002	340.7	348.6	352.2	364.2	362.6	404.0	410.3	412.9	425.8	450.1
	1003	363.7	375.3	384.8	392.6	398.9	418.2	440.5	450.7	467.8	480.7
	1004	317.5	326.9	327.0	341.6	348.0	365.3	382.1	397.7	418.1	428.8
	1005	302.5	305.8	312.9	324.5	324.5	346.9	363.6	374.6	388.6	388.2
	1006	243.1	252.5	258.9	264.6	264.0	282.7	295.2	310.6	317.8	326.0
	1007	394.0	401.9	412.4	425.5	431.7	469.0	482.4	498.4	515.6	532.1
	1008	326.6	342.1	346.1	355.8	367.0	394.7	416.3	432.4	450.2	461.9
	1009	348.5	359.8	365.9	372.9	371.0	393.6	409.1	429.8	438.9	452.7
	1010	345.6	350.0	359.7	367.4	366.8	402.6	419.9	441.6	456.1	471.5
B0.2M	1031	293.8	300.7	303.2	307.6	310.0	323.3	328.0	332.3	333.1	351.1
	1032	389.7	403.8	412.0	420.9	431.2	460.7	470.7	485.3	499.5	500.6
	1033	300.6	312.9	309.0	318.4	327.0	341.4	354.7	343.2	381.0	385.8
	1034	321.8	332.9	337.6	344.5	347.6	368.1	378.5	338.8	382.0	390.0
	1035	298.1	307.0	316.4	328.4	332.2	351.0	360.5	372.6	381.0	391.8
	1036	382.2	393.0	402.9	411.8	420.8	438.4	457.0	469.8	484.4	504.3
	1037	345.5	350.3	360.8	377.0	378.2	411.3	420.7	433.3	445.7	455.2
	1038	346.6	353.3	357.0	367.8	369.8	387.5	407.0	378.0	412.4	439.4
	1039	325.8	333.4	340.7	349.4	351.9	376.7	391.8	408.2	422.0	431.6
	1040	373.9	383.6	390.7	392.4	395.4	428.9	441.8	452.1	474.1	479.2
B2M	1041	327.0	336.5	341.2	352.2	358.0	378.7	391.9	405.0	423.9	436.2
	1042	328.4	342.4	348.0	360.0	361.3	380.0	398.4	415.0	432.1	436.6
	1043	354.3	363.7	373.5	386.5	388.9	407.5	423.6	442.9	459.3	460.9
	1044	352.0	366.0	363.3	382.5	386.2	410.8	429.1	444.9	466.2	464.9
	1045	374.9	389.8	387.2	403.3	413.0	441.4	458.6	451.1	461.6	488.1
	1046	404.6	417.7	418.4	431.6	434.8	458.8	480.7	476.7	496.6	525.3

Table F-5. TK Individual Animal Absolute Body Weight (g) – Males (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
B2M	1047	329.1	342.4	356.8	374.0	381.1	407.2	424.2	387.0	456.1	463.2
	1048	322.6	334.2	339.6	347.9	350.2	372.3	374.7	390.0	397.4	402.9
	1049	331.2	341.2	347.4	355.1	357.7	368.9	384.5	393.1	406.1	410.3
	1050	326.3	337.0	340.5	349.5	354.3	372.6	392.4	402.4	418.1	427.5
B5M	1051	363.5	377.7	383.9	387.5	390.9	427.5	428.8	451.2	462.0	474.5
	1052	303.4	311.9	320.9	328.3	329.2	342.4	354.0	365.3	376.6	373.4
	1053	318.5	318.1	322.5	336.1	346.9	358.5	370.3	379.6	400.6	405.7
	1054	309.8	318.8	327.9	337.9	339.8	358.8	370.4	374.2	391.3	391.6
	1055	322.7	326.6	337.8	353.6	355.4	360.5	389.1	390.7	416.2	404.7
	1056	345.7	359.7	368.0	376.9	387.4	409.2	414.1	427.7	446.1	449.7
	1057	305.9	315.9	324.7	334.7	334.2	358.0	378.7	398.2	411.9	420.1
	1058	288.9	289.0	300.2	314.1	322.3	345.2	350.8	366.6	378.3	389.5
	1059	305.3	313.6	316.3	325.1	327.9	338.9	345.3	358.0	372.0	377.5
	1060	308.1	315.3	317.7	325.6	327.3	337.9	336.2	340.1	353.9	367.0
E0.2M	1061	310.3	319.4	333.1	343.6	343.6	367.9	386.6	397.8	406.3	422.5
	1062	389.4	401.1	403.5	409.9	415.9	436.7	449.5	458.3	472.2	483.7
	1063	362.8	367.8	365.5	385.3	342.6	407.5	439.0	456.1	453.1	460.6
	1064	366.9	377.4	385.1	400.6	364.7	436.1	446.6	461.2	474.4	491.4
	1065	394.1	404.5	420.6	432.5	436.1	475.3	491.6	518.7	539.5	553.9
	1066	326.6	332.1	340.2	352.3	363.2	385.6	409.6	428.9	445.9	457.6
	1067	314.2	323.3	328.2	338.2	347.0	365.5	378.5	398.5	399.0	400.2
	1068	322.5	330.6	338.6	343.9	348.4	380.7	398.0	398.4	408.1	424.3
	1069	350.9	356.9	371.0	381.3	389.1	411.1	425.6	442.4	450.4	448.4
	1070	277.3	285.9	292.2	296.7	298.2	325.2	346.9	348.1	364.6	379.8

Table F-5. TK Individual Animal Absolute Body Weight (g) – Males (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
E2M	1071	334.7	345.2	355.3	365.9	371.7	377.8	385.3	411.4	429.5	423.8
	1072	293.9	304.1	308.6	318.6	315.4	334.2	341.4	357.3	362.9	382.3
	1073	312.1	324.6	332.0	339.9	343.5	366.3	387.4	394.2	413.0	411.9
	1074	270.1	269.4	276.2	280.2	286.1	289.1	293.9	305.2	319.5	324.2
	1075	337.1	341.6	353.7	368.5	387.7	397.1	408.9	406.4	429.1	439.8
	1076	297.6	301.9	307.6	314.7	314.0	335.1	340.5	354.8	361.9	368.7
	1077	344.8	354.6	356.3	373.6	370.8	396.1	398.4	410.6	419.8	431.2
	1078	334.5	340.3	344.2	355.6	361.4	382.8	403.0	424.6	445.2	449.5
	1079	285.7	293.7	300.1	312.9	313.2	333.0	338.3	355.1	366.4	373.2
	1080	331.5	336.2	344.9	350.2	351.2	364.4	362.8	379.5	383.7	387.7
E5M	1081	285.6	287.2	298.4	322.4	333.8	370.4	380.8	403.2	404.4	412.8
	1082	368.7	374.4	379.4	401.5	413.1	432.0	444.0	463.4	473.1	468.3
	1083	287.4	292.8	301.6	305.0	309.5	323.9	331.6	339.9	351.6	347.6
	1084	325.9	333.7	340.3	348.7	348.0	374.3	382.1	397.0	406.4	404.4
	1085	334.4	351.5	359.0	366.4	373.3	393.7	405.0	420.1	430.7	424.9
	1086	308.5	320.1	329.4	334.9	338.1	360.7	372.1	383.4	399.1	402.0
	1087	318.5	327.6	337.6	347.5	348.2	369.4	380.6	383.7	390.4	402.2
	1088	340.9	351.7	360.5	369.7	375.5	389.4	407.6	422.4	433.1	442.0
	1089	296.6	303.8	309.0	318.4	322.6	336.6	344.7	354.2	368.7	373.8
	1090	353.0	371.4	380.6	393.8	402.9	418.9	437.2	449.4	472.9	463.7

Table F-5. TK Individual Animal Absolute Body Weight (g) – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
CM	1001	443.9	451.5	465.3	475.1	486.0	490.6	501.4	510.9	519.2	526.6
	1002	444.0	467.9	455.3	468.4	484.5	487.2	499.2	508.9	511.0	516.0
	1003	488.8	508.0	526.1	527.5	538.6	543.0	556.0	570.2	577.6	576.7
	1004	435.8	451.4	463.5	467.3	487.7	496.9	518.2	538.0	547.9	550.4
	1005	409.9	412.6	423.2	424.1	437.3	447.3	461.3	473.1	484.0	487.4
	1006	340.4	350.5	358.8	354.0	361.4	369.6	383.3	398.6	394.2	404.1
	1007	553.9	562.3	584.2	596.1	619.1	625.6	646.5	674.8	678.0	700.0
	1008	469.2	481.6	490.3	501.9	519.6	530.7	544.0	553.0	560.3	574.9
	1009	461.6	470.2	488.2	486.7	503.6	512.7	516.0	533.0	542.1	543.3
	1010	487.1	501.6	514.4	530.0	544.6	547.6	555.3	572.6	575.6	589.8
B0.2M	1031	347.8	338.8								
	1032	511.8	512.9	523.5	531.6	550.7	549.6	558.0	563.5	558.0	520.8
	1033	403.5	407.0	419.1	416.9	433.6	428.1	441.4	450.5	455.9	461.7
	1034	407.9	418.6	422.9	428.4	441.9	431.7	441.6	451.8	455.2	461.9
	1035	397.5	405.8	409.6	398.2	416.8	421.5	427.1	442.5	438.0	440.0
	1036	518.6	527.1	540.4	555.3	560.4	569.5	578.0	596.9	596.5	593.1
	1037	468.4	482.3	487.3	499.3	519.3	514.9	521.0	523.9	528.2	522.5
	1038	452.2	461.6	476.8	484.3	497.5	502.4	504.2	514.0	519.5	523.4
	1039	440.8	446.9	454.7	456.6	476.5	476.9	474.1	482.9	461.2	471.2
	1040	501.1	501.1	511.3	530.2	557.4	554.1	565.3	576.5	579.5	572.1
B2M	1041	456.3	451.7	459.9	466.7	473.6	472.9	476.2	492.1	493.7	472.7
	1042	453.7	461.1	465.7	461.5	462.2	464.0	470.5	493.4	492.3	451.8
	1043	475.2	482.6	496.8	506.6	519.9	514.0	527.7	534.3	544.4	548.7
	1044	484.5	494.4	504.1	509.7	526.7	520.1	538.7	550.1	553.1	558.0
	1045	519.6	532.1	529.8	524.7	550.1	516.1	581.8	568.8	571.6	575.4
	1046	545.8	545.9	548.6	557.3	583.2	559.9	547.2	603.2	610.4	617.3

Table F-5. TK Individual Animal Absolute Body Weight (g) – Males (Continued)

Group	Animal	Day									
	ID	259	287	315	343	371	399	427	455	483	511
B2M	1047	488.1	472.6	490.0	502.8	521.7	515.9	514.0	536.0	536.3	528.6
	1048	414.2	413.3	423.0	429.8	440.4	440.7	443.7	461.2	455.8	458.8
	1049	421.4	430.1	428.5	415.5	422.8	434.2	441.3	457.9	453.8	451.6
	1050	436.4	449.8	452.1	453.8	461.3	460.9	455.5	463.1	463.9	477.6
B5M	1051	497.0	501.9	524.4	523.4	538.2	546.8	552.2	553.9	551.2	562.0
	1052	390.1	390.8	406.4	398.6	416.6	418.2	423.8	436.7	436.1	441.3
	1053	420.8	412.7	432.8	438.9	444.9	436.0	451.2	465.8	471.3	472.7
	1054	402.7	409.4	416.3	414.1	419.3	423.5	434.8	436.4	444.6	443.1
	1055	429.6	436.1	424.7	425.1	445.0	443.2	449.6	475.8	467.7	473.6
	1056	462.1	463.7	470.2	470.1	475.1	485.8	490.7	496.2	504.0	504.3
	1057	436.1	438.5	444.1	444.4	463.2	460.5	473.5	483.9	481.2	490.6
	1058	400.3	402.9	416.7	405.5	431.1	431.6	441.7	455.6	457.6	458.9
	1059	387.4	383.5	394.7	391.3	403.6	398.1	407.4	416.3	409.4	418.4
	1060	369.6	377.0	386.3	386.6	392.1	398.5	399.9	411.7	404.6	413.7
E0.2M	1061	431.3	424.8	428.9	422.6	433.0	432.0	454.8	463.9	475.0	479.1
	1062	497.5	512.8	514.6	515.8	542.1	543.9	565.7	571.7	583.9	591.3
	1063	478.6	491.2	509.8	506.1	518.5	530.9	558.3	576.5	579.1	595.6
	1064	499.5	508.2	508.4	512.0	534.7	540.5	548.4	546.1	552.4	558.7
	1065	569.3	579.7	517.0	590.3	615.3	612.0	614.4	618.3	619.3	615.3
	1066	470.9	479.0	435.5	490.0	506.5	514.1	520.0	530.8	543.0	546.7
	1067	405.6	417.0	428.5	440.8	458.6	459.2	469.6	487.0	502.1	507.8
	1068	425.7	431.0	429.1	435.5	449.0	456.6	460.3	466.3	470.7	468.8
	1069	467.5	486.1	487.1	498.3	501.1	511.6	523.7	538.5	539.5	545.9
	1070	387.3	389.0	390.4	408.0	405.4	412.9	433.3	443.8	454.1	460.1

Table F-5. TK Individual Animal Absolute Body Weight (g) – Males (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
E2M	1071	440.3	444.9	445.2	445.5	457.3	468.3	475.8	481.7	492.4	489.1
	1072	388.3	401.0	410.9	409.0	430.9	435.4	441.6	450.4	462.0	463.4
	1073	423.6	435.9	431.2	444.9	445.7	448.3	449.0	474.5	483.2	484.1
	1074	329.1	333.0	336.5	338.4	347.4	351.0	357.2	364.4	364.5	367.1
	1075	449.1	454.5	455.3	453.6	477.1	480.2	483.6	497.1	497.0	501.2
	1076	377.4	382.2	388.5	389.1	393.8	399.5	399.4	408.1	409.0	411.8
	1077	437.7	442.4	450.7	446.2	472.2	503.6	491.4	502.8	506.0	510.0
	1078	475.5	480.3	483.6	494.5	508.6	472.3	522.2	543.1	543.1	546.8
	1079	383.9	387.5	400.5	394.9	412.7	412.4	420.3	433.2	435.3	444.4
	1080	392.0	393.8	392.6	398.0	412.9	410.3	406.3	416.6	423.9	421.6
E5M	1081	428.2	435.4	434.1	433.6	447.5	450.0	468.6	476.6	473.7	480.1
	1082	487.2	497.2	500.8	492.3	499.5	515.9	504.2	524.8	519.4	519.0
	1083	358.7	361.8	374.6	370.8	372.0	373.5	378.3	394.8	392.3	402.4
	1084	420.7	427.2	422.8	428.0	447.1	449.0	459.9	477.6	470.8	480.5
	1085	444.7	445.6	446.9	447.4	460.9	458.5	462.5	440.7	469.4	470.5
	1086	417.5	424.2	422.8	420.3	441.7	434.3	442.5	457.0	458.4	453.2
	1087	410.4	413.9	421.2	417.5	415.4	424.7	431.1	447.5	448.3	457.8
	1088	453.2	460.1	456.3	471.2	489.0	492.5	495.3	519.6	510.3	517.6
	1089	378.0	386.0	387.0	398.1	404.5	407.0	416.9	433.5	434.9	432.3
	1090	483.2	493.3	491.8	501.8	503.4	511.9	498.5	518.3	518.8	519.8

Table F-5. TK Individual Animal Absolute Body Weight (g) – Males (Continued)

Group	Animal ID	Day						
		539	567	595	623	624	651	679
CM	1001	530.8	534.2	544.2	540.3	543	543.2	551.6
	1002	519.4	513.6	519.3	521.9	533	533.2	537.5
	1003	583.9	593.3	609.3	605.5	620	620.7	642.8
	1004	554.8	547.3	544.4	455.3			
	1005	489.8	482.8	452.3	417.9	382	382.2	343.8
	1006	406.2	417.2	424.9	422.8	430	430.0	433.6
	1007	712.9	617.9	445.7				
	1008	580.2	589.3	586.7	568.5	557	557.2	578.5
	1009	556.2	549.6	558.2	550.8	569	569.6	578.3
	1010	596.0	598.0	590.5	602.8	598	598.2	622.5
B0.2M	1031							
	1032	564.1	569.4	577.4	558.4	583	583.8	593.9
	1033	450.0	414.0	372.0	412.7	417	417.9	429.9
	1034	461.9	458.2	452.8	435.1	463	463.1	464.8
	1035	431.2	436.4	431.6	432.5	440	440.0	441.4
	1036	595.5	599.9	592.7	600.4	601	601.4	601.0
	1037	520.4	527.2	533.4	539.1	542	542.0	548.2
	1038	516.6	403.6	302.5				
	1039	456.0	450.5	432.1	358.2			
	1040	574.9	568.2	580.2	571.3	579	579.5	580.5
B2M	1041	481.5	484.2	487.6	506.9	517	517.6	531.2
	1042	481.0	488.0	491.8	491.5	484	484.0	475.2
	1043	561.6	568.5	565.1	569.2	585	585.1	591.0
	1044	564.3	566.5	564.6	574.0	578	578.3	579.0
	1045	562.7	558.4	570.0	570.0	561	561.3	572.2
	1046	611.8	612.0	623.1	626.9	634	634.5	632.6

Table F-5. TK Individual Animal Absolute Body Weight (g) – Males (Continued)

Group	Animal ID	Day						
		539	567	595	623	624	651	679
B2M	1047	534.8	538.1	531.2	538.7	545	545.7	534.3
	1048	461.0	460.6	465.6	467.0	468	468.5	466.0
	1049	449.8	450.7	399.1	351.4	269	269.5	
	1050	476.4	469.8	472.0	475.7	496	496.2	497.9
B5M	1051	567.0	569.4	569.7	553.8	564	564.8	551.2
	1052	446.1	444.4	445.1	446.1	442	442.8	448.7
	1053	464.7	472.5	475.6	476.7	476	476.1	490.9
	1054	441.1	448.8	449.5	439.3	434	434.6	456.6
	1055	465.8	466.1	455.6	463.9	467	467.7	470.6
	1056	501.9	499.6	499.0	503.4	502	502.7	509.1
	1057	478.1	486.0	489.2	490.9	464	464.8	490.8
	1058	452.2	456.1	454.6	461.0	482	482.2	390.8
	1059	407.4	416.3	412.2	407.1	415	415.7	417.0
	1060	409.1	418.9	430.9	419.6	427	427.5	431.0
E0.2M	1061	477.1	490.8	492.0	493.2	502	502.9	510.8
	1062	593.1	607.9	619.6	629.6	630	630.4	638.7
	1063	603.4	599.9	574.4	610.3	609	609.4	575.8
	1064	552.1	567.6	614.9	567.7	583	583.0	591.2
	1065	622.2	618.4	562.3	616.9	616	616.1	620.4
	1066	552.9	550.5	561.0	561.9	567	567.7	576.9
	1067	501.8	511.2	524.0	529.2	526	526.6	539.0
	1068	477.4	458.2	469.8	467.0	468	468.7	466.8
	1069	539.5	552.0	555.8	558.3	565	565.2	581.3
	1070	461.7	477.0	485.6	488.5	498	498.5	506.0

Table F-5. TK Individual Animal Absolute Body Weight (g) – Males (Continued)

Group	Animal ID	Day						
		539	567	595	623	624	651	679
E2M	1071	486.7	493.9	492.3	497.5	507	507.4	511.5
	1072	462.9	477.0	482.3	481.6	484	484.2	491.7
	1073	475.0	474.1	485.0	485.0	495	495.4	500.8
	1074	366.0	365.0	366.5	363.2	373	373.5	377.3
	1075	501.8	511.0	514.0	510.8	519	519.5	523.1
	1076	406.3	407.4	415.1	412.9	411	411.7	413.9
	1077	505.2	500.0	498.8	513.0	518	518.9	517.5
	1078	547.3	559.2	566.2	568.5	566	566.1	569.3
	1079	404.9	435.9	446.9	448.2	446	446.1	389.3
	1080	398.5	421.3	424.0	421.9	419	419.7	422.2
E5M	1081	471.9	480.7	471.6	479.6	472	472.1	470.5
	1082	507.1	508.0	514.8	515.3	511	511.0	502.8
	1083	392.1	386.4	394.2	395.6	395	395.2	397.4
	1084	476.6	472.9	486.9	486.7	490	490.7	489.2
	1085	468.9	465.9	462.1	460.9	457	457.3	460.1
	1086	457.8	459.7	468.6	459.2	462	462.9	470.0
	1087	449.0	456.4	463.9	460.5	458	458.4	467.4
	1088	521.7	510.1	509.5	514.4	522	522.6	522.8
	1089	431.3	418.3	420.6	410.1	426	426.6	427.4
	1090	519.6	524.5	523.6	506.3	519	519.3	526.1

Table F-6. TK Individual Animal Absolute Body Weight (g) – Females

Group	Animal ID	Day									
		-12	1	7	14	21	28	35	42	49	56
CF	2001	97.6	127.9	146.5	155.0	158.9	172.6	176.2	175.2	187.6	186.9
	2002	102.0	137.3	158.4	170.9	178.7	192.9	202.2	203.8	216.0	217.4
	2003	92.9	135.8	141.7	162.1	169.9	178.1	179.6	190.9	200.5	203.6
	2004	104.7	146.5	151.7	172.9	183.8	190.8	193.2	194.7	200.1	200.6
	2005	99.8	137.7	164.1	182.7	183.8	196.2	211.4	211.3	213.0	227.2
	2006	92.3	131.2	153.6	170.4	183.6	185.5	203.8	204.5	209.2	224.9
	2007	106.1	136.4	150.6	164.0	169.8	181.6	185.4	189.3	193.4	193.0
	2008	93.7	143.3	155.4	177.7	190.9	197.8	194.8	206.8	217.0	215.8
	2009	99.6	145.0	158.1	176.6	185.7	194.5	200.2	211.4	214.9	217.6
	2010	89.3	127.6	135.4	154.4	163.1	172.2	170.5	188.1	193.4	189.4
B0.2F	2031	94.0	134.5	155.6	173.3	182.1	191.3	202.5	209.3	208.8	218.4
	2032	90.1	126.0	149.1	163.0	171.2	181.1	191.3	198.9	202.4	204.5
	2033	101.2	125.7	146.7	156.0	160.1	168.7	174.4	178.8	177.1	190.1
	2034	89.9	118.3	136.9	144.7	150.5	159.7	169.1	170.6	168.7	180.2
	2035	105.2	148.8	162.0	171.9	182.7	187.1	193.1	192.7	201.7	204.8
	2036	95.7	122.5	147.5	151.4	174.9	180.3	183.0	191.3	198.3	196.7
	2037	93.5	128.0	142.7	152.1	161.9	166.4	167.1	182.9	177.1	187.4
	2038	100.6	142.5	159.4	169.5	186.5	197.3	202.7	202.3	212.1	218.2
	2039	107.9	158.0	148.0	177.7	188.5	198.1	195.5	205.3	208.1	214.2
	2040	99.5	143.3	139.0	169.7	181.7	187.7	198.5	209.8	214.6	214.7
B2F	2041	92.0	139.9	158.9	165.1	180.2	178.7	191.8	190.2	206.7	212.0
	2042	95.5	140.8	151.3	162.2	177.6	175.3	187.8	187.0	202.2	205.6
	2043	104.2	142.4	148.7	168.3	177.2	183.4	190.3	200.1	203.2	204.2
	2044	93.5	139.4	148.5	167.9	175.9	177.4	181.4	191.6	195.7	201.7
	2045	107.8	139.5	150.2	167.5	174.3	181.7	185.9	193.0	202.5	209.5
	2046	99.1	138.6	151.5	171.4	179.6	182.5	194.7	199.4	196.9	207.4

Table F-6. TK Individual Animal Absolute Body Weight (g) – Females (Continued)

Group	Animal ID	Day									
		-12	1	7	14	21	28	35	42	49	56
B2F	2047	89.5	134.7	149.4	160.2	182.9	192.4	198.5	204.1	213.9	221.7
	2048	102.1	142.2	152.0	161.6	179.6	184.6	182.3	197.5	201.9	197.6
	2049	93.4	129.0	140.1	154.7	162.4	170.4	169.2	182.3	186.7	192.8
	2050	100.4	135.4	142.8	155.1	162.4	161.6	172.3	175.1	183.8	189.2
B5F	2051	95.7	144.1	152.3	179.7	188.5	192.9	193.0	201.9	207.5	212.4
	2052	100.1	131.7	142.9	154.1	156.1	165.0	167.6	168.0	180.0	181.6
	2053	94.7	127.2	135.8	147.5	145.5	157.6	163.2	174.1	181.5	177.5
	2054	90.2	127.6	135.6	154.5	164.1	169.1	163.7	171.1	178.3	181.8
	2055	101.4	137.6	149.5	164.7	171.9	168.4	180.5	187.9	185.9	185.2
	2056	98.3	131.3	146.3	160.1	167.3	171.8	169.7	182.6	175.2	187.6
	2057	107.6	144.7	158.8	168.2	169.0	177.1	184.4	189.7	189.5	197.1
	2058	88.8	139.2	146.9	160.2	166.4	172.1	176.2	182.4	187.2	184.7
	2059	92.9	138.9	147.2	167.2	172.8	179.6	176.0	189.7	199.3	204.6
	2060	102.7	138.3	150.8	159.8	170.2	174.3	176.7	180.7	180.8	189.8
E0.2F	2061	93.8	126.6	150.5	163.7	172.0	184.0	192.2	189.4	197.4	204.7
	2062	98.4	129.7	149.3	153.7	172.5	176.0	178.6	183.7	187.1	194.5
	2063	89.5	130.4	148.4	165.1	180.1	177.7	192.4	200.1	195.3	206.1
	2064	95.3	142.6	158.3	169.8	176.6	178.5	182.7	189.6	191.1	198.2
	2065	93.4	135.6	161.6	179.4	192.8	201.6	212.0	213.0	222.7	228.7
	2066	105.2	145.1	169.7	183.0	200.5	210.2	222.8	224.3	232.9	236.1
	2067	100.3	132.0	152.9	167.0	166.1	179.0	190.9	194.4	187.3	203.0
	2068	90.4	132.2	141.2	161.8	173.5	183.3	184.9	199.0	203.0	204.2
	2069	102.4	142.6	162.9	189.5	199.3	206.7	207.6	222.5	228.0	231.1
	2070	104.9	131.2	142.3	164.1	171.6	181.9	182.5	198.1	203.1	205.6
E2F	2071	90.8	128.4	144.7	155.4	164.1	166.5	178.4	176.7	188.1	192.8
	2072	88.2	127.1	150.0	166.5	174.9	182.8	195.1	197.8	206.4	208.6
	2073	105.4	144.8	159.1	173.7	188.3	185.7	199.1	205.6	208.3	216.4

Table F-6. TK Individual Animal Absolute Body Weight (g) – Females (Continued)

Group	Animal ID	Day									
		-12	1	7	14	21	28	35	42	49	56
E2F	2074	99.0	137.1	151.0	160.4	173.2	180.0	187.9	184.7	196.1	199.2
	2075	98.1	138.9	148.7	154.9	166.5	172.4	177.4	177.4	214.5	188.4
	2076	103.6	143.4	159.6	171.9	185.5	195.9	201.9	206.7	185.5	222.4
	2077	93.7	130.0	142.0	154.1	166.4	171.0	171.9	185.1	186.1	183.5
	2078	100.3	148.0	157.7	170.5	184.6	192.4	193.4	203.2	208.6	208.2
	2079	102.7	135.8	142.8	159.5	167.0	168.8	179.9	183.1	189.9	189.6
	2080	93.2	127.2	132.7	136.3	135.2	146.2	151.4	152.4	159.3	171.1
E5F	2081	105.0	138.6	140.0	143.7	160.0	161.4	175.5	176.8	173.3	184.1
	2082	96.6	133.9	140.0	147.7	160.1	169.4	164.4	174.5	180.1	181.1
	2083	101.1	132.8	152.6	160.7	165.9	175.4	186.7	189.1	202.8	201.1
	2084	99.1	138.0	141.7	156.4	161.4	161.9	173.1	179.1	181.1	187.7
	2085	94.6	135.6	147.2	163.0	175.5	179.2	190.5	191.5	200.4	203.8
	2086	91.8	139.7	153.8	164.4	178.1	190.0	195.0	195.7	200.7	209.8
	2087	99.8	135.9	147.2	158.5	165.2	167.3	176.7	184.2	185.6	197.5
	2088	92.6	136.2	145.3	160.6	169.6	172.1	184.7	187.2	197.0	204.6
	2089	89.2	127.5	142.3	148.9	165.8	169.3	175.2	181.7	182.5	184.1
	2090	105.3	141.8	157.3	164.6	180.5	179.3	185.0	193.2	194.6	192.9

Table F-6. TK Individual Animal Absolute Body Weight (g) – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
CF	2001	188.1	197.7	193.5	196.6	197.0	200.1	207.5	215.0	221.4	221.6
	2002	229.6	222.6	235.5	239.1	236.9	256.2	257.0	260.5	280.7	289.1
	2003	199.0	209.0	213.3	214.5	212.0	216.5	222.0	232.7	228.3	233.5
	2004	204.4	212.4	218.1	218.4	214.8	222.6	225.1	226.2	237.9	237.9
	2005	226.1	234.3	244.2	246.5	242.5	254.0	269.3	263.5	288.8	272.7
	2006	227.1	225.1	236.1	247.2	243.9	253.7	252.8	255.6	276.5	266.7
	2007	201.1	205.7	206.1	208.2	215.4	220.2	235.8	225.0	243.0	236.7
	2008	218.5	223.3	225.1	220.5	230.2	230.7	243.5	232.9	254.0	256.0
	2009	219.9	228.6	227.4	229.9	227.1	230.5	234.5	243.7	247.9	252.6
	2010	189.9	198.8	204.5	205.1	199.0	205.5	217.3	223.6	225.0	224.2
B0.2F	2031	225.5	228.5	225.7	231.3	233.2	240.9	247.5	256.7	259.0	256.7
	2032	216.9	216.4	219.6	214.3	222.6	230.6	233.9	244.4	250.9	256.8
	2033	199.8	197.4	193.1	205.3	209.2	220.8	223.7	229.2	231.7	233.3
	2034	182.8	180.0	177.0	186.0	184.5	190.6	192.8	195.1	197.4	208.8
	2035	194.7	203.2	203.1	203.8	206.9	207.4	209.7	220.6	220.8	228.3
	2036	206.2	203.6	222.1	212.8	213.9	224.5	236.0	247.4	255.3	251.6
	2037	194.4	189.4	200.3	202.9	202.8	205.7	213.0	219.8	223.5	217.9
	2038	219.9	215.0	223.7	230.8	226.3	233.4	241.2	246.4	251.3	251.3
	2039	215.2	222.8	227.5	227.7	221.9	230.5	235.2	247.6	252.0	254.3
	2040	226.7	230.9	233.2	229.8	239.5	251.4	258.5	276.5	275.9	277.7
B2F	2041	201.8	216.2	224.0	226.4	221.5	235.4	237.7	245.6	242.8	238.9
	2042	203.5	202.3	214.1	216.1	212.4	214.0	222.0	220.5	219.2	220.5
	2043	207.9	214.8	215.5	219.2	219.1	223.1	225.1	226.3	235.2	230.3
	2044	200.6	204.0	210.9	211.4	210.0	215.8	216.6	222.8	225.8	224.1
	2045	205.8	216.9	221.5	222.6	218.5	226.4	230.0	234.0	240.3	244.8
	2046	208.9	210.8	211.7	217.5	221.7	224.9	231.7	238.3	237.8	239.5

Table F-6. TK Individual Animal Absolute Body Weight (g) – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
B2F	2047	222.3	222.9	227.2	232.5	229.6	243.5	247.5	249.2	260.9	267.9
	2048	207.1	209.5	217.3	218.8	216.8	227.9	234.7	242.3	251.9	248.1
	2049	191.2	193.5	194.4	199.8	195.1	201.1	206.6	214.1	218.4	223.6
	2050	186.4	189.8	193.2	198.1	196.3	208.6	207.7	223.9	226.2	232.0
B5F	2051	210.2	219.4	221.8	228.6	220.5	229.6	227.5	233.4	235.1	231.6
	2052	182.9	182.4	186.7	186.6	184.3	191.7	187.4	203.8	198.2	206.0
	2053	179.8	185.4	182.0	182.1	186.9	190.3	189.2	190.0	189.6	198.3
	2054	177.9	185.7	191.5	188.9	187.9	195.2	201.3	203.5	205.8	211.5
	2055	194.1	196.6	198.9	196.1	200.3	211.4	217.0	218.7	218.3	215.2
	2056	191.6	189.2	183.1	195.4	189.6	194.5	202.4	208.5	197.9	203.9
	2057	202.2	202.6	203.4	210.6	213.0	214.8	213.3	219.2	219.4	222.4
	2058	195.1	198.2	198.3	198.0	206.6	218.1	212.5	210.6	211.8	211.8
	2059	199.1	208.5	211.7	215.4	209.6	220.5	215.8	227.7	227.3	234.3
	2060	195.6	191.0	189.2	193.0	192.0	202.2	204.1	214.6	211.4	218.4
	2061	207.3	207.6	215.9	219.4	220.1	224.2	229.8	238.2	242.7	241.9
E0.2F	2062	199.7	200.1	202.0	205.2	204.8	210.3	209.5	222.4	227.6	226.3
	2063	210.9	212.0	212.6	221.7	225.3	225.1	234.3	247.5	248.4	248.3
	2064	198.9	196.7	202.9	204.1	204.8	211.3	215.0	220.6	222.5	242.1
	2065	224.1	240.2	246.5	249.7	247.4	255.9	267.8	283.9	290.5	292.8
	2066	236.3	242.4	241.4	251.4	249.6	254.7	262.0	273.9	281.6	291.7
	2067	210.3	211.1	205.4	219.0	221.9	218.9	223.2	240.9	244.2	260.0
	2068	216.0	221.4	223.5	217.9	229.5	231.8	242.1	235.9	248.1	253.3
	2069	228.4	238.8	243.0	245.5	243.0	254.9	255.2	262.0	274.0	275.9
	2070	203.6	214.7	217.3	212.5	215.9	221.1	233.0	238.2	248.1	251.7
	2071	197.4	196.4	201.6	199.5	207.0	214.0	211.5	225.7	225.3	231.4
E2F	2072	208.2	218.8	223.2	224.2	221.9	237.0	233.9	240.9	259.1	250.1
	2073	220.4	216.1	228.3	229.6	228.7	241.0	244.8	262.7	265.3	268.1

Table F-6. TK Individual Animal Absolute Body Weight (g) – Females (Continued)

Group	Animal ID	Day									
		63	70	77	84	91	119	147	175	203	231
E2F	2074	194.0	204.8	211.8	198.2	208.8	215.3	219.8	228.1	231.0	259.7
	2075	187.5	188.0	195.0	194.0	197.1	204.9	208.9	217.0	218.7	217.0
	2076	219.7	220.9	229.2	233.1	233.5	239.3	245.0	254.6	260.0	256.2
	2077	189.5	189.5	194.0	196.5	199.3	207.0	201.2	211.0	224.4	213.8
	2078	207.3	213.6	220.3	226.8	217.6	226.5	228.5	241.1	251.8	255.2
	2079	187.4	192.1	199.5	194.1	205.1	210.0	208.9	211.0	210.7	213.9
	2080	172.8	174.0	181.6	184.3	183.3	189.9	193.8	192.7	202.3	206.3
E5F	2081	190.8	188.2	195.3	195.7	199.6	204.6	200.9	206.2	208.1	216.9
	2082	186.2	197.4	203.3	202.1	203.7	206.8	202.8	213.6	212.7	211.4
	2083	195.5	203.4	201.2	202.3	210.9	210.9	197.9	204.8	206.3	220.5
	2084	189.6	188.8	190.0	196.8	192.9	201.7	198.8	203.6	202.5	210.7
	2085	206.0	209.6	214.7	216.6	219.5	231.7	232.7	243.9	244.8	244.0
	2086	212.0	208.4	218.5	212.5	219.7	218.0	222.5	231.7	230.0	234.1
	2087	201.0	206.3	197.7	207.4	210.0	221.6	216.1	229.5	224.7	231.4
	2088	206.8	210.0	216.0	217.7	212.6	218.0	220.9	232.4	236.8	235.1
	2089	189.5	189.2	182.8	192.8	196.2	201.0	201.1	206.8	204.2	204.8
	2090	195.3	203.2	205.2	208.7	202.2	217.9	214.3	223.4	221.9	225.8

Table F-6. TK Individual Animal Absolute Body Weight (g) – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
CF	2001	223.2	227.4	228.1	229.5	235.9	240.3	239.3	259.7	254.2	254.0
	2002	306.2	310.2	313.4	324.9	357.0	333.1	359.6	369.7	383.4	400.5
	2003	236.8	244.2	247.6	244.5	251.6	256.7	267.3	284.7	272.9	276.6
	2004	249.2	257.9	267.5	276.3	289.3	307.1	325.8	332.0	337.2	343.5
	2005	292.0	304.5	314.5	343.2	334.3	350.7	368.7	376.7	387.6	397.4
	2006	283.3	290.7	296.3	301.3	338.8	333.1	347.7	354.7	376.7	390.7
	2007	256.0	261.0	273.3	273.8	297.3	308.4	328.9	325.5	337.6	350.0
	2008	257.6	267.0	266.1	262.1	284.5	282.2	292.4	288.5	293.9	292.9
	2009	256.1	254.7	265.3	272.0	271.5	272.1	289.7	298.7	299.1	309.6
	2010	233.2	231.6	234.8	228.1	266.4	240.5	252.2	272.3	276.4	281.7
B0.2F	2031	257.7	263.0	266.3	269.4	276.6	282.9	289.1	294.2	305.7	310.1
	2032	259.8	270.3	264.2	279.8	292.1	295.4	313.0	321.4	325.4	331.7
	2033	237.9	241.9	247.7	246.8	248.6	253.9	257.8	261.2	265.0	269.4
	2034	199.1	200.7	200.4	201.1	209.4	211.4	208.0	210.7	217.3	225.5
	2035	229.7	230.8	234.7	227.0	246.8	246.5	254.2	249.2	269.8	262.5
	2036	258.9	273.3	270.4	269.0	283.7	293.0	307.2	334.6	340.5	359.6
	2037	227.2	221.3	231.1	231.7	239.4	246.4	255.9	262.9	263.1	263.4
	2038	257.4	263.5	268.6	270.2	281.7	283.0	295.5	289.1	298.1	310.3
	2039	264.8	269.4	287.9	292.8	301.6	311.0	320.3	325.5	333.2	342.5
	2040	298.8	314.6	317.9	327.1	335.3	342.8	346.6	332.8	319.0	
B2F	2041	210.5	255.7	242.9	246.3	254.0	250.5	259.1	262.8	266.6	258.0
	2042	225.8	226.4	230.5	232.5	236.6	232.7	251.9	256.1	263.7	268.3
	2043	236.5	239.8	241.1	244.8	245.7	242.5	251.7	260.4	257.0	259.0
	2044	230.7	232.3	234.0	236.3	240.5	241.2	244.4	239.6	253.8	252.2
	2045	242.2	249.9	249.9	263.7	258.9	255.6	259.7	245.7		
	2046	245.1	250.5	250.8	255.2	258.7	260.1	263.8	266.1	270.5	273.6

Table F-6. TK Individual Animal Absolute Body Weight (g) – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
B2F	2047	269.8	280.1	284.8	275.2	293.0	297.8	306.3	312.6	322.2	319.8
	2048	249.2	253.1	259.1	269.1	270.1	272.2	276.7	276.2	278.1	281.6
	2049	214.2	233.7	230.3	238.1	241.3	238.1	252.0			
	2050	222.6	227.1	230.1	240.7	239.0	244.5	247.5	252.2	257.6	260.7
B5F	2051	241.5	242.4	241.7	232.4	235.2	244.6	245.0	231.4	242.3	242.5
	2052	205.6	207.0	221.3	222.2	213.1	218.9	226.0	224.4	233.5	235.9
	2053	207.1	195.0	199.5	196.8	195.7	210.6	207.4	192.7	202.4	203.1
	2054	208.9	211.9	213.3	212.5	217.8	222.1	224.1	227.1	230.8	230.9
	2055	226.1	227.4	230.6	227.6	227.8	237.4	239.2	240.7	256.8	260.9
	2056	208.3	214.7	224.4	212.9	218.4	222.4	225.2	231.6	232.5	234.1
	2057	224.7	225.9	230.9	235.1	238.3	234.3	237.9	244.5	242.4	241.7
	2058	214.4	227.2	220.5	224.1	221.5	228.7	235.6	240.2	250.9	250.4
	2059	234.6	234.3	232.0	233.5	235.4	246.3	244.4	248.6	244.6	251.4
	2060	224.8	229.1	232.3	236.4	239.2	244.0	246.4	248.6	250.1	250.9
E0.2F	2061	244.7	247.4	253.9	257.4	259.8	266.6	269.4	294.3	315.5	339.4
	2062	220.9	228.0	228.5	231.3	236.0	247.9	261.0	276.2	282.3	288.4
	2063	261.4	258.9	260.7	258.6	269.3	276.2	283.4	277.5	301.0	309.9
	2064	231.2	227.2	236.5	236.7	242.1	245.0	253.3	261.9	264.7	263.8
	2065	287.4	301.5	316.3	318.8	322.4	340.2	342.5	360.3	370.2	379.5
	2066	296.9	302.8	315.5	320.2	331.4	327.8	346.7	356.7	354.4	374.0
	2067	261.6	277.8	281.5	291.1	294.6	319.5	277.8	339.1	345.3	354.0
	2068	266.7	253.0	255.8	258.4	262.1	262.9	231.3	277.9	273.5	274.6
	2069	283.8	295.0	302.9	299.6	313.7	318.4	327.1	339.8	342.3	344.2
	2070	258.8	263.1	264.4	267.4	272.5	279.6	281.2	293.6	298.2	307.0
E2F	2071	228.9	235.9	239.0	244.9	256.6	254.9	256.1	282.4	274.1	285.9
	2072	254.0	261.1	267.4	267.5	286.9	272.5	283.6	282.3	290.7	290.5
	2073	271.2	270.8	278.8	273.4	282.1	281.4	289.9	288.9	296.5	299.0

Table F-6. TK Individual Animal Absolute Body Weight (g) – Females (Continued)

Group	Animal ID	Day									
		259	287	315	343	371	399	427	455	483	511
E2F	2074	240.2	241.3	249.0	270.7	259.1	249.1	255.9	257.2	259.8	261.8
	2075	220.5	225.1	226.6	228.6	228.9	228.1	234.3	231.5	235.8	235.2
	2076	262.8	265.8	274.3	268.9	273.1	274.3	276.7	282.9	288.3	296.3
	2077	217.4	224.2	236.8	237.8	237.0	246.4	212.8	255.4	259.7	260.4
	2078	252.3	258.0	267.6	260.5	271.0	277.0	230.0	298.4	300.7	290.9
	2079	216.0	222.3	221.7	228.0	233.6	238.4	248.3	248.6	253.7	270.7
	2080	211.2	214.6	212.8	214.0	218.8	218.0	219.2	222.9	222.4	223.6
E5F	2081	219.8	218.2	227.8	223.4	232.3	227.0	233.4	239.5	241.8	239.7
	2082	225.9	222.4	231.0	228.0	230.5	238.9	227.7	244.4	241.7	239.4
	2083	215.4	218.9	220.9	209.9	215.9	224.8	231.8	232.3	230.5	230.3
	2084	210.0	217.5	211.9	213.4	230.2	222.9	226.5	185.0	234.8	229.1
	2085	253.5	255.0	255.4	261.3	272.3	281.5	286.0	247.3	306.2	303.8
	2086	237.6	225.4	222.7	224.6	236.7	235.9	239.1	203.0	243.8	240.9
	2087	241.4	241.4	244.2	242.4	250.5	267.3	269.3	278.5	286.9	285.1
	2088	240.6	240.4	247.6	244.8	249.1	252.8	263.6	268.1	274.3	278.5
	2089	206.1	207.7	207.3	203.6	203.2	212.3	210.5	216.9	217.0	219.3
	2090	229.1	231.1	234.6	233.3	232.6	244.0	241.6	245.3	249.4	254.0

Table F-6. TK Individual Animal Absolute Body Weight (g) – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	624	651	679
CF	2001	262.7	230.0	263.3	283	283.8	289.5	310.4
	2002	397.4	356.1	395.6	402	402.1	415.0	425.9
	2003	284.2	241.6	312.8	323	323.8	324.5	343.1
	2004	350.4	347.9	356.9	368	368.8	371.0	375.0
	2005	398.9	397.0	408.9	410	410.5	392.0	416.8
	2006	382.6	390.8	388.6	393	393.4	396.6	406.3
	2007	351.9	355.0	357.5	351	351.1	355.9	297.0
	2008	292.4	293.9	306.4	339	339.0	360.7	356.7
	2009	309.6	300.2	310.5	319	319.3	327.1	322.6
	2010	253.9	268.3	282.7	271	271.6	297.7	303.1
B0.2F	2031	318.3	314.8	317.6	324	324.9	329.7	333.1
	2032	330.8	336.9	326.6	338	338.8	342.1	334.7
	2033	271.9	271.9	278.1	278	278.1	287.4	287.4
	2034	227.9						
	2035	262.9	275.3	275.6	278	278.6	279.0	281.0
	2036	362.4	368.1	372.5				
	2037	274.8	265.6	273.8	284	284.4	298.3	294.9
	2038	305.0	309.4	349.6	357	357.2	374.8	385.6
	2039	348.1	333.2	354.6	380	380.9	385.3	396.4
	2040							
B2F	2041	259.9	253.3					
	2042	265.5	264.7	273.6	276	276.0	284.1	292.6
	2043	260.8	245.0	247.4	243	243.8	247.0	245.1
	2044	247.1	249.9	255.1	255	255.7	261.8	267.1
	2045							
	2046	269.9	272.1	279.2	277	277.1	283.8	283.7

Table F-6. TK Individual Animal Absolute Body Weight (g) – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	624	651	679
B2F	2047	322.6	321.6	319.7	324	324.6	331.5	331.3
	2048	283.8	288.7	287.3	297	297.5	298.1	304.8
	2049							
	2050	265.3	275.1	270.4	276	276.7	277.7	278.2
B5F	2051	243.6	242.8	240.5	235	235.6	243.6	242.1
	2052	218.4						
	2053	203.9	214.2	216.0	211	211.4	203.9	209.0
	2054	238.8	231.7	240.3	240	240.1	247.3	249.1
	2055	262.7	257.9	254.0	264	264.6	282.4	291.9
	2056	225.5	241.0	248.8	243	243.6	211.9	
	2057	246.1	242.1	245.4	242	242.0	257.7	266.7
	2058	257.6	262.8	271.9	274	274.8	285.4	294.3
	2059	243.6	244.6	248.2	245	245.8	250.6	247.5
	2060	252.5	256.4	262.2	257	257.5	257.6	257.6
	2061	378.0	399.7					
E0.2F	2062	284.1	281.6	282.1	287	287.2	281.3	278.3
	2063	307.0	309.8	321.4	322	322.2	324.5	330.0
	2064	279.9	285.8	290.8	303	303.8	312.2	317.8
	2065	380.7	373.1	373.3	377	377.6	394.9	402.0
	2066	372.4	376.8	385.4	408	408.9	403.9	384.5
	2067	362.8	352.2	363.8	366	366.5	363.7	371.0
	2068	276.0	288.8	301.5	315	315.0	320.6	339.9
	2069	352.1	356.1	352.1	348	348.4	325.9	269.0
	2070	306.4	316.5	336.9	347	347.1	349.3	363.9
	2071	283.8	287.3	288.7	291	291.3	286.5	294.4
E2F	2072	298.8	300.7	304.5	312	312.2	320.5	322.6
	2073	290.5	301.2	309.0	295	295.0	303.4	303.0

Table F-6. TK Individual Animal Absolute Body Weight (g) – Females (Continued)

Group	Animal ID	Day						
		539	567	595	623	624	651	679
E2F	2074	266.6	265.7	273.2	267	267.5	277.5	284.0
	2075	236.4	233.9	236.8	234	234.2	235.4	242.6
	2076	304.3	297.5	299.8	308	308.7	306.1	309.0
	2077	265.6	234.3					
	2078	290.0	288.6	292.3	290	290.8	291.4	280.4
	2079	282.6	285.9	281.2	280	280.6	291.0	296.3
	2080	225.2	224.3	229.8	230	230.4	237.5	236.9
E5F	2081	248.8	242.6	256.4	252	252.7	256.3	260.7
	2082	239.3	247.5	247.1	230	230.9	240.6	251.5
	2083	246.4	237.7	233.6	230	230.7	241.6	244.2
	2084	237.4	205.7	236.1	230	230.1	233.0	231.6
	2085	305.3	299.8	313.3	316	316.8	318.5	325.3
	2086	242.4	230.3	246.4	271	271.1	267.5	276.4
	2087	293.8	290.8	294.2	275	275.6	277.6	291.1
	2088	276.1	271.4	278.9	279	279.4	272.5	290.5
	2089	219.4	208.9	221.2	214	214.2	234.3	230.7
	2090	258.4	253.4	263.6	257	257.2	262.1	259.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
CM	121	20.5	21.9	20.5	22.0	20.9	20.0	19.3	20.0	19.3	19.2
	122	20.5	21.9	20.5	22.0	20.9	20.0	19.3	20.0	19.3	19.2
	123	21.0	22.7	23.2	23.9	22.6	21.6	21.2	20.8	18.1	19.6
	124	21.0	22.7	23.2	23.9	22.6	21.6	21.2	20.8	18.1	19.6
	125	19.9	22.4	23.2	23.3	21.7	21.3	21.6	21.0	20.5	20.5
	126	19.9	22.4	23.2	23.3	21.7	21.3	21.6	21.0	20.5	20.5
	127	20.8	23.0	23.7	23.2	23.0	22.8	21.2	21.8	22.2	22.7
	128	20.8	23.0	23.7	23.2	23.0	22.8	21.2	21.8	22.2	22.7
	129	18.8	21.0	22.0	23.3	22.9	22.9	20.7	19.2	19.5	21.5
	130	18.8	21.0	22.0	23.3	22.9	22.9	20.7	19.2	19.5	21.5
	131	17.7	19.7	19.4	19.6	18.8	18.6	17.8	17.5	16.7	16.6
	132	17.7	19.7	19.4	19.6	18.8	18.6	17.8	17.5	16.7	16.6
	133	21.6	22.5	23.3	22.5	21.9	20.3	21.1	21.3	19.5	19.8
	134	21.6	22.5	23.3	22.5	21.9	20.3	21.1	21.3	19.5	19.8
	135	21.9	25.1	24.6	22.5	22.8	21.7	20.9	21.1	20.7	20.1
	136	21.9	25.1	24.6	22.5	22.8	21.7	20.9	21.1	20.7	20.1
	137	19.7	22.8	22.2	22.6	23.3	24.0		19.8	20.5	
	138	19.7	22.8	22.2	22.6	23.3	24.0		19.8	20.5	
	139	18.9	21.1	20.0	20.8	20.3	19.8	18.6	19.9	20.1	20.1
	140	18.9	21.1	20.0	20.8	20.3	19.8	18.6	19.9	20.1	20.1
	141	23.6	23.5	24.1	23.7	22.9	22.1	21.7	21.8	21.2	22.7
	142	23.6	23.5	24.1	23.7	22.9	22.1	21.7	21.8	21.2	22.7
	143	23.4	25.5	25.5	24.6	25.1	23.5	23.0	22.5	22.0	23.0
	144	23.4	25.5	25.5	24.6	25.1	23.5	23.0	22.5	22.0	23.0
	145	20.6	22.8	24.0	23.1	22.8	22.0	21.3	21.2	22.6	22.3
	146	20.6	22.8	24.0	23.1	22.8	22.0	21.3	21.2	22.6	22.3

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
CM	147	23.1	25.2	25.7	27.0	27.5		24.6	24.8	24.7	
	148	23.1	25.2	25.7	27.0	27.5		24.6	24.8	24.7	
	149	19.9	22.5	22.4	22.9	21.8	21.7	22.6	21.5	21.8	21.3
	150	19.9	22.5	22.4	22.9	21.8	21.7	22.6	21.5	21.8	21.3
	151	20.0	22.5	22.3	22.7	22.9	20.8	20.0	19.7	19.8	20.2
	152	20.0	22.5	22.3	22.7	22.9	20.8	20.0	19.7	19.8	20.2
	153	19.8	21.7	22.9	22.3	22.5	21.7		19.6	19.3	20.1
	154	19.8	21.7	22.9	22.3	22.5	21.7		19.6	19.3	20.1
	155	20.6	22.6	21.7	21.8	20.1	20.5	19.4	19.2	18.7	18.7
	156	20.6	22.6	21.7	21.8	20.1	20.5	19.4	19.2	18.7	18.7
	157	20.0	25.0	23.9	22.2	20.6	17.1	20.9	19.2	19.2	19.0
	158	20.0	25.0	23.9	22.2	20.6	17.1	20.9	19.2	19.2	19.0
	159	19.1	23.1	23.3	24.4	24.1	22.6	22.6	22.4	22.0	21.2
	160	19.1	23.1	23.3	24.4	24.1	22.6	22.6	22.4	22.0	21.2
	161	21.2	22.1	22.3	22.9	21.7	21.1	20.7	20.1	21.2	21.2
	162	21.2	22.1	22.3	22.9	21.7	21.1	20.7	20.1	21.2	21.2
	163	22.9	25.0	25.8	25.2	24.2	23.2	23.0	24.5	24.3	24.2
	164	22.9	25.0	25.8	25.2	24.2	23.2	23.0	24.5	24.3	24.2
	165	23.0	24.5	22.9	23.2	21.4	20.4	21.0	20.6	20.7	21.0
	166	23.0	24.5	22.9	23.2	21.4	20.4	21.0	20.6	20.7	21.0
	167	20.5	23.0	22.8	22.7	21.0	19.8	18.9	19.3	19.9	19.2
	168	20.5	23.0	22.8	22.7	21.0	19.8	18.9	19.3	19.9	19.2
	169	20.8	23.9	24.2	23.6	24.0	23.8	23.0	22.0	22.6	23.1
	170	20.8	23.9	24.2	23.6	24.0	23.8	23.0	22.0	22.6	23.1
	171	20.3	23.1	24.1	23.2	22.3	20.8	19.4	19.6	23.4	21.0
	172	20.3	23.1	24.1	23.2	22.3	20.8	19.4	19.6	23.4	21.0
	173	18.5	21.3	21.6	22.5	21.8	23.9	22.5	22.6	22.0	22.0

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
CM	174	18.5	21.3	21.6	22.5	21.8	23.9	22.5	22.6	22.0	22.0
	175	23.1	23.4	24.2	24.0	23.8	23.1	24.6	23.6	24.9	22.7
	176	23.1	23.4	24.2	24.0	23.8	23.1	24.6	23.6	24.9	22.7
	177	24.3	25.3	25.3	24.7	23.8	21.2	21.8	21.5	20.2	22.6
	178	24.3	25.3	25.3	24.7	23.8	21.2	21.8	21.5	20.2	22.6
	179	23.2	25.4	25.4	25.2	24.6	25.3	24.0	24.2	22.9	25.0
	180	23.2	25.4	25.4	25.2	24.6	25.3	24.0	24.2	22.9	25.0
CBM	201	21.2	24.0	23.7	25.1	23.6	21.8		22.9	22.0	21.9
	202	21.2	24.0	23.7	25.1	23.6	21.8		22.9	22.0	21.9
	203	22.2	24.4	24.4	26.2	25.5	23.8	23.0	22.3	23.7	24.0
	204	22.2	24.4	24.4	26.2	25.5	23.8	23.0	22.3	23.7	24.0
	205	21.2	23.2	23.7	24.0	22.6	23.0	22.6	21.9	22.0	22.7
	206	21.2	23.2	23.7	24.0	22.6	23.0	22.6	21.9	22.0	22.7
	207	21.1	23.0	24.1	23.8	21.8	22.5	22.1	22.6	22.7	22.7
	208	21.1	23.0	24.1	23.8	21.8	22.5	22.1	22.6	22.7	22.7
	209	21.4	22.5	23.2	23.2	23.0	21.8	23.9	23.1	23.1	23.7
	210	21.4	22.5	23.2	23.2	23.0	21.8	23.9	23.1	23.1	23.7
	211	22.6	23.2	23.9	24.6	23.8	23.3	22.1	21.3	21.0	22.8
	212	22.6	23.2	23.9	24.6	23.8	23.3	22.1	21.3	21.0	22.8
	213	20.0	22.2	23.7	22.8	21.5	20.2	21.8	23.0	22.4	22.4
	214	20.0	22.2	23.7	22.8	21.5	20.2	21.8	23.0	22.4	22.4
	215	20.7	22.5	22.0	22.7	22.3	23.0		25.0	22.1	21.3
	216	20.7	22.5	22.0	22.7	22.3	23.0		25.0	22.1	21.3
	217	19.0	20.2	20.0	20.0	19.5	20.7	20.2	20.7	19.6	20.2
	218	19.0	20.2	20.0	20.0	19.5	20.7	20.2	20.7	19.6	20.2

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
CBM	219	20.7	22.4	22.6	22.5	22.2	21.7	20.3	20.7	21.3	20.8
	220	20.7	22.4	22.6	22.5	22.2	21.7	20.3	20.7	21.3	20.8
	221	20.9	22.3	21.6	21.8	21.4	21.4	21.2	21.1	20.4	21.7
	222	20.9	22.3	21.6	21.8	21.4	21.4	21.2	21.1	20.4	21.7
	223	19.0	20.6	20.7	20.6	19.8	18.4	19.2	18.6	17.8	17.8
	224	19.0	20.6	20.7	20.6	19.8	18.4	19.2	18.6	17.8	17.8
	225	23.0	22.4	22.7	22.0	21.6	19.5	21.4	20.6	20.2	19.5
	226	23.0	22.4	22.7	22.0	21.6	19.5	21.4	20.6	20.2	19.5
	227	20.4	22.1	21.9	23.7	22.7	22.2	21.8	21.5	20.8	20.8
	228	20.4	22.1	21.9	23.7	22.7	22.2	21.8	21.5	20.8	20.8
	229	20.4	21.9	22.1	21.7	22.3	22.8	20.4	22.0	22.0	22.4
	230	20.4	21.9	22.1	21.7	22.3	22.8	20.4	22.0	22.0	22.4
	231	20.0	21.6	22.4	22.6	21.3	20.1	19.6	21.6	21.7	21.9
	232	20.0	21.6	22.4	22.6	21.3	20.1	19.6	21.6	21.7	21.9
	233	23.9	24.3	24.3	23.6	21.7	23.0	23.1	22.0	20.9	22.9
	234	23.9	24.3	24.3	23.6	21.7	23.0	23.1	22.0	20.9	22.9
	235	17.3	18.9	19.2	18.6	17.7	18.6	17.6	18.4	18.3	18.4
	236	17.3	18.9	19.2	18.6	17.7	18.6	17.6	18.4	18.3	18.4
	237	20.5	22.6	23.3	22.4	21.2	20.8	21.2	21.3	21.9	20.0
	238	20.5	22.6	23.3	22.4	21.2	20.8	21.2	21.3	21.9	20.0
	239	20.3	22.8	23.0	23.8	22.9	21.2	22.1	22.2	21.2	20.5
	240	20.3	22.8	23.0	23.8	22.9	21.2	22.1	22.2	21.2	20.5
	241	25.2	24.8	25.0	24.6	23.9	22.8	24.9	24.2	26.0	23.2
	242	25.2	24.8	25.0	24.6	23.9	22.8	24.9	24.2	26.0	23.2
	243	20.1	22.1	22.2	23.1	20.4	20.9	20.5	20.8	20.9	20.9
	244	20.1	22.1	22.2	23.1	20.4	20.9	20.5	20.8	20.9	20.9
	245	20.8	23.6	23.6	23.0	20.7	22.2	20.6	21.1	20.0	20.9

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
CBM	246	20.8	23.6	23.6	23.0	20.7	22.2	20.6	21.1	20.0	20.9
	247	20.3	20.9	21.5	21.4	20.4	20.7	19.9	19.8	19.2	19.9
	248	20.3	20.9	21.5	21.4	20.4	20.7	19.9	19.8	19.2	19.9
	249	24.4	25.7	24.8	24.8	22.8	21.3	23.0	22.3	22.5	23.6
	250	24.4	25.7	24.8	24.8	22.8	21.3	23.0	22.3	22.5	23.6
	251	21.9	21.1	20.7	20.1	18.4	19.7	19.2	18.6	18.3	18.5
	252	21.9	21.1	20.7	20.1	18.4	19.7	19.2	18.6	18.3	18.5
	253	20.6	22.0	22.1	20.6	21.4	21.5	24.1	19.1	9.3	15.5
	254	20.6	22.0	22.1	20.6	21.4	21.5	24.1	19.1	9.3	15.5
	255	22.4	24.6	23.8	23.9	22.0	21.1	21.7	22.3	22.1	22.3
	256	22.4	24.6	23.8	23.9	22.0	21.1	21.7	22.3	22.1	22.3
	257	24.7	25.9	25.8	27.3	25.3	24.2	24.2	25.3	26.0	25.7
	258	24.7	25.9	25.8	27.3	25.3	24.2	24.2	25.3	26.0	25.7
	259	21.3	23.5	22.3	21.3	20.0	21.9	21.1	20.0	19.8	19.6
	260	21.3	23.5	22.3	21.3	20.0	21.9	21.1	20.0	19.8	19.6
B0.2M	321	21.9	23.7	22.9	22.8	21.1	20.6	20.4	18.8	20.2	20.3
	322	21.9	23.7	22.9	22.8	21.1	20.6	20.4	18.8	20.2	20.3
	323	19.7	20.6	21.0	21.5	20.6	20.2	18.0	19.8	19.8	19.8
	324	19.7	20.6	21.0	21.5	20.6	20.2	18.0	19.8	19.8	19.8
	325	19.2	20.6	21.7	22.2	21.2	21.3	22.5	22.1	23.9	22.6
	326	19.2	20.6	21.7	22.2	21.2	21.3	22.5	22.1	23.9	22.6
	327	17.8	20.7	21.6	22.7	21.3	20.6	20.5	21.7	21.0	22.4
	328	17.8	20.7	21.6	22.7	21.3	20.6	20.5	21.7	21.0	22.4
	329	22.0	22.6	23.1	23.8	23.1	21.2	22.9	22.4	22.2	22.8
	330	22.0	22.6	23.1	23.8	23.1	21.2	22.9	22.4	22.2	22.8
	331	25.5	25.8	26.3	26.1	26.0	24.5	24.0	22.6	21.9	22.1
	332	25.5	25.8	26.3	26.1	26.0	24.5	24.0	22.6	21.9	22.1

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
B0.2M	333	21.1	23.1	22.1	23.7	22.3	22.2	21.8	21.6	22.0	22.9
	334	21.1	23.1	22.1	23.7	22.3	22.2	21.8	21.6	22.0	22.9
	335	20.0	22.2	22.5	23.0	23.6	21.8	22.0	22.0	23.1	21.7
	336	20.0	22.2	22.5	23.0	23.6	21.8	22.0	22.0	23.1	21.7
	337	21.3	22.4	22.1	22.7	22.1	22.4	22.5	22.7	22.1	21.9
	338	21.3	22.4	22.1	22.7	22.1	22.4	22.5	22.7	22.1	21.9
	339	20.8	21.3	20.9	19.8	20.9	18.9	18.8	19.7	19.2	20.0
	340	20.8	21.3	20.9	19.8	20.9	18.9	18.8	19.7	19.2	20.0
	341	17.3	19.9	19.4	19.9	21.3	20.8	19.9	19.0	17.7	18.9
	342	17.3	19.9	19.4	19.9	21.3	20.8	19.9	19.0	17.7	18.9
	343	23.0	23.9	23.8	23.8	22.7	24.3	23.4	21.8	21.1	21.8
	344	23.0	23.9	23.8	23.8	22.7	24.3	23.4	21.8	21.1	21.8
	345	21.0	23.1	23.1	23.8	23.1	23.9	22.8	22.9	22.4	21.1
	346	21.0	23.1	23.1	23.8	23.1	23.9	22.8	22.9	22.4	21.1
	347	16.1	18.4	18.5	21.3	21.8	19.9	21.5	20.5	20.7	22.1
	348	16.1	18.4	18.5	21.3	21.8	19.9	21.5	20.5	20.7	22.1
	349	20.0	22.2	22.2	21.5	21.2	22.0	23.6	22.1	21.0	22.6
	350	20.0	22.2	22.2	21.5	21.2	22.0	23.6	22.1	21.0	22.6
	351	21.3	23.6	23.6	24.4	24.2	24.1	22.9	23.7	24.1	24.3
	352	21.3	23.6	23.6	24.4	24.2	24.1	22.9	23.7	24.1	24.3
	353	20.5	21.7	21.7	22.1	21.9	21.9	22.0	22.8	22.1	22.9
	354	20.5	21.7	21.7	22.1	21.9	21.9	22.0	22.8	22.1	22.9
	355	22.0	23.8	23.5	23.7	22.1	23.2	22.3	21.4	22.1	23.3
	356	22.0	23.8	23.5	23.7	22.1	23.2	22.3	21.4	22.1	23.3
	357	20.2	20.8	21.5	22.0	21.4	21.2	20.5	20.1	20.0	19.7
	358	20.2	20.8	21.5	22.0	21.4	21.2	20.5	20.1	20.0	19.7
	359	19.1	20.2	21.1	21.4	21.8	21.2	21.6	22.7	22.9	23.3

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
B0.2M	360	19.1	20.2	21.1	21.4	21.8	21.2	21.6	22.7	22.9	23.3
	361	19.5	21.7	21.2	21.5	20.1	21.2	20.6	19.4	20.3	20.5
	362	19.5	21.7	21.2	21.5	20.1	21.2	20.6	19.4	20.3	20.5
	363	21.6	23.5	23.2	22.1	22.5	22.1	22.0	22.4	22.3	22.6
	364	21.6	23.5	23.2	22.1	22.5	22.1	22.0	22.4	22.3	22.6
	365	21.9	22.8	23.4	22.2	21.0	20.6	21.1	22.0	20.7	23.1
	366	21.9	22.8	23.4	22.2	21.0	20.6	21.1	22.0	20.7	23.1
	367	22.9	24.6	24.5	24.9	24.4	22.1	23.2	23.1	23.4	24.1
	368	22.9	24.6	24.5	24.9	24.4	22.1	23.2	23.1	23.4	24.1
	369	21.9	23.0	23.4	24.2	23.3	22.0	22.0	22.3	22.1	22.1
	370	21.9	23.0	23.4	24.2	23.3	22.0	22.0	22.3	22.1	22.1
	371	19.6	20.3	19.9	23.1	21.5	20.7	20.9	21.0	20.3	19.3
	372	19.6	20.3	19.9	23.1	21.5	20.7	20.9	21.0	20.3	19.3
	373	21.7	22.9	21.9	22.0	22.1	21.6	22.1	22.1	22.4	22.3
	374	21.7	22.9	21.9	22.0	22.1	21.6	22.1	22.1	22.4	22.3
	375	19.1	20.7	21.5	21.5	20.3	19.8	20.0	21.0	20.9	21.1
	376	19.1	20.7	21.5	21.5	20.3	19.8	20.0	21.0	20.9	21.1
	377	21.1	22.5	23.3	23.3	23.1	23.7	21.5	21.7	21.2	22.3
	378	21.1	22.5	23.3	23.3	23.1	23.7	21.5	21.7	21.2	22.3
	379	20.9	22.5	23.0	22.9	22.5	21.0	21.5	21.2	21.8	22.2
	380	20.9	22.5	23.0	22.9	22.5	21.0	21.5	21.2	21.8	22.2
B2M	421	20.0	21.2	21.8	21.0	22.0	20.1	18.8	21.0	20.2	22.1
	422	20.0	21.2	21.8	21.0	22.0	20.1	18.8	21.0	20.2	22.1
	423	18.7	21.1	20.7	20.1	19.9	18.8	19.0	18.7	19.1	19.1
	424	18.7	21.1	20.7	20.1	19.9	18.8	19.0	18.7	19.1	19.1
	425	20.7	23.4	24.0	22.8	23.8	27.1	25.9	25.2	25.6	24.6
	426	20.7	23.4	24.0	22.8	23.8	27.1	25.9	25.2	25.6	24.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
B2M	427	18.7	20.5	20.2	20.0	19.2	19.7	19.2	21.2	22.6	21.8
	428	18.7	20.5	20.2	20.0	19.2	19.7	19.2	21.2	22.6	21.8
	429	19.3	21.5	22.2	21.9	21.8	21.3	21.6	19.7	19.0	22.6
	430	19.3	21.5	22.2	21.9	21.8	21.3	21.6	19.7	19.0	22.6
	431	19.1	21.5	22.0	21.8	19.9	21.2	20.3	21.3	22.0	21.0
	432	19.1	21.5	22.0	21.8	19.9	21.2	20.3	21.3	22.0	21.0
	433	19.9	21.7	21.8	21.6	19.8	18.4	19.7	20.1	19.2	19.0
	434	19.9	21.7	21.8	21.6	19.8	18.4	19.7	20.1	19.2	19.0
	435	21.7	24.5	25.6		24.4		23.8	23.6	22.7	22.5
	436	21.7	24.5	25.6		24.4		23.8	23.6	22.7	22.5
	437	20.5	22.7	22.1	22.6	21.6	22.1	20.4	22.7	22.2	22.4
	438	20.5	22.7	22.1	22.6	21.6	22.1	20.4	22.7	22.2	22.4
	439	18.1	20.2	20.4	21.2	19.6	19.2	19.6	20.2	21.2	20.6
	440	18.1	20.2	20.4	21.2	19.6	19.2	19.6	20.2	21.2	20.6
	441	17.6	18.6	19.2	19.2	17.2	18.5	18.2	17.4	17.4	18.4
	442	17.6	18.6	19.2	19.2	17.2	18.5	18.2	17.4	17.4	18.4
	443	18.5	20.7	21.8	22.2	21.3	21.2	22.1	21.0	21.4	20.5
	444	18.5	20.7	21.8	22.2	21.3	21.2	22.1	21.0	21.4	20.5
	445	21.5	23.7	24.5	23.7	22.5	22.4	22.7	24.5	23.1	24.5
	446	21.5	23.7	24.5	23.7	22.5	22.4	22.7	24.5	23.1	24.5
	447	19.6	21.4	21.4	23.9	22.8	23.5	22.4	22.6	22.5	23.1
	448	19.6	21.4	21.4	23.9	22.8	23.5	22.4	22.6	22.5	23.1
	449	18.4	19.7	19.0	19.8	18.3	18.6	19.2	18.6	18.9	18.5
	450	18.4	19.7	19.0	19.8	18.3	18.6	19.2	18.6	18.9	18.5
	451	18.7	20.6	20.1	19.7	18.8	19.5	19.5	20.5	21.0	20.9
	452	18.7	20.6	20.1	19.7	18.8	19.5	19.5	20.5	21.0	20.9
	453	20.2	22.5	21.6	21.7	20.7	20.9	19.9	19.8	19.4	21.7

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
B2M	454	20.2	22.5	21.6	21.7	20.7	20.9	19.9	19.8	19.4	21.7
	455	18.5	20.6	19.9	19.7	19.3	18.7	18.9	18.4	19.1	20.5
	456	18.5	20.6	19.9	19.7	19.3	18.7	18.9	18.4	19.1	20.5
	457	21.7	24.5	24.5	24.6	23.8	23.7	23.6	23.4	24.8	24.7
	458	21.7	24.5	24.5	24.6	23.8	23.7	23.6	23.4	24.8	24.7
	459	19.4	20.5	19.4	20.7	20.0	20.1	20.1	20.9	18.9	20.4
	460	19.4	20.5	19.4	20.7	20.0	20.1	20.1	20.9	18.9	20.4
	461	20.1	21.5	21.9	23.0	21.5	20.4	22.7	21.8	22.0	21.1
	462	20.1	21.5	21.9	23.0	21.5	20.4	22.7	21.8	22.0	21.1
	463	20.1	21.3	20.7	19.2	18.9	19.9	20.7	22.0	20.8	22.0
	464	20.1	21.3	20.7	19.2	18.9	19.9	20.7	22.0	20.8	22.0
	465	20.5	22.1	23.0	22.3	24.5	24.7	21.0	20.2	21.7	22.2
	466	20.5	22.1	23.0	22.3	24.5	24.7	21.0	20.2	21.7	22.2
	467	19.3	21.7	22.5	22.3	22.5	22.1	22.8	22.7	21.9	22.0
	468	19.3	21.7	22.5	22.3	22.5	22.1	22.8	22.7	21.9	22.0
	469	20.1	21.2	21.3	21.6	21.8	20.1	21.5	21.9	22.2	21.7
	470	20.1	21.2	21.3	21.6	21.8	20.1	21.5	21.9	22.2	21.7
	471	19.2	20.8	21.4	21.5	20.4	20.9	20.6	19.6	18.4	19.7
	472	19.2	20.8	21.4	21.5	20.4	20.9	20.6	19.6	18.4	19.7
	473	19.8	23.2	24.2	22.8	23.6	24.5	24.2	23.5	22.2	23.0
	474	19.8	23.2	24.2	22.8	23.6	24.5	24.2	23.5	22.2	23.0
	475	20.1	23.7	23.4	25.3		29.8		28.2		27.0
	476	20.1	23.7	23.4	25.3		29.8		28.2		27.0
	477	18.7	19.0	18.8	17.9	16.7	17.3	18.2	17.0	16.9	18.4
	478	18.7	19.0	18.8	17.9	16.7	17.3	18.2	17.0	16.9	18.4
	479	19.3	20.8	21.0	21.9	19.3	19.5	19.6	18.5	19.6	20.3
	480	19.3	20.8	21.0	21.9	19.3	19.5	19.6	18.5	19.6	20.3

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	7	14	21	28	35	42	49	56	63	70
B5M	521	18.5	20.7	19.8	19.6	18.8	19.7	19.5	20.1	18.5	19.6
	522	18.5	20.7	19.8	19.6	18.8	19.7	19.5	20.1	18.5	19.6
	523	19.7	21.7	23.5	22.1	20.9	21.8	21.6	21.4	23.5	21.5
	524	19.7	21.7	23.5	22.1	20.9	21.8	21.6	21.4	23.5	21.5
	525	17.1	18.5	18.3	19.2	18.0	19.1	17.2	17.5	17.7	17.9
	526	17.1	18.5	18.3	19.2	18.0	19.1	17.2	17.5	17.7	17.9
	527	16.0	17.4	17.1	17.4	17.7	18.4	17.5	18.0	17.8	19.1
	528	16.0	17.4	17.1	17.4	17.7	18.4	17.5	18.0	17.8	19.1
	529	17.5	19.3	18.7	19.5	18.5	19.4	19.3	18.5	18.1	20.3
	530	17.5	19.3	18.7	19.5	18.5	19.4	19.3	18.5	18.1	20.3
	531	19.2	22.1	22.2	22.6	20.3	20.7	20.8	21.0	20.0	20.7
	532	19.2	22.1	22.2	22.6	20.3	20.7	20.8	21.0	20.0	20.7
	533	19.0	20.0	21.1	19.9	18.6	19.2	17.6	18.1	17.0	17.8
	534	19.0	20.0	21.1	19.9	18.6	19.2	17.6	18.1	17.0	17.8
	535	23.4	21.1	21.3	21.8	19.0	20.5	18.7	20.0	17.5	19.2
	536	23.4	21.1	21.3	21.8	19.0	20.5	18.7	20.0	17.5	19.2
	537	18.2	20.4	20.3	21.5	21.4	21.0	19.6	20.3	18.9	20.2
	538	18.2	20.4	20.3	21.5	21.4	21.0	19.6	20.3	18.9	20.2
	539	19.3	21.3	21.0	19.9	19.5	18.8	18.8	19.5	19.4	20.3
	540	19.3	21.3	21.0	19.9	19.5	18.8	18.8	19.5	19.4	20.3
	541	17.4	21.6	21.0	21.3	18.1	20.8	20.9	21.3	19.3	21.1
	542	17.4	21.6	21.0	21.3	18.1	20.8	20.9	21.3	19.3	21.1
	543	18.6	21.9	22.2	21.8	20.4	21.3	20.2	19.6	19.3	20.7
	544	18.6	21.9	22.2	21.8	20.4	21.3	20.2	19.6	19.3	20.7
	545	17.8	21.2	22.6	22.0	20.2	20.5	19.9	19.4	18.0	19.8
	546	17.8	21.2	22.6	22.0	20.2	20.5	19.9	19.4	18.0	19.8

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
B5M	547	19.1	21.3	22.1	20.7	20.7	20.7	20.0	20.2	18.9	19.0
	548	19.1	21.3	22.1	20.7	20.7	20.7	20.0	20.2	18.9	19.0
	549	19.1	20.8	23.7	23.2		23.3	22.4	22.7	20.7	24.3
	550	19.1	20.8	23.7	23.2		23.3	22.4	22.7	20.7	24.3
	551	19.0	23.4	22.4	25.5		24.7		24.4	23.7	23.8
	552	19.0	23.4	22.4	25.5		24.7		24.4	23.7	23.8
	553	20.3	22.3	21.5	22.0	22.6	21.9		23.8	21.1	23.0
	554	20.3	22.3	21.5	22.0	22.6	21.9		23.8	21.1	23.0
	555	17.0	20.3	20.8	21.2	21.0	21.5	19.7	20.4	18.2	20.3
	556	17.0	20.3	20.8	21.2	21.0	21.5	19.7	20.4	18.2	20.3
	557	17.6	20.1	19.6	20.1	18.6	18.2	18.2	18.4	17.7	17.0
	558	17.6	20.1	19.6	20.1	18.6	18.2	18.2	18.4	17.7	17.0
	559	17.0	19.6	19.4	19.5	17.9	18.7	19.7	18.9	18.4	19.0
	560	17.0	19.6	19.4	19.5	17.9	18.7	19.7	18.9	18.4	19.0
	561	18.2	20.6	21.4	21.2	20.5	22.3	23.0	22.2	22.0	23.4
	562	18.2	20.6	21.4	21.2	20.5	22.3	23.0	22.2	22.0	23.4
	563	16.7	19.3	19.2	19.3	17.9	18.3	18.2	18.9	20.4	19.2
	564	16.7	19.3	19.2	19.3	17.9	18.3	18.2	18.9	20.4	19.2
	565	18.8	20.4	20.9	20.7	20.6	20.5	20.3	20.8	19.1	21.1
	566	18.8	20.4	20.9	20.7	20.6	20.5	20.3	20.8	19.1	21.1
	567	18.8	19.9	21.6	20.4	18.6	19.1	19.8	19.6	19.4	20.1
	568	18.8	19.9	21.6	20.4	18.6	19.1	19.8	19.6	19.4	20.1
	569	20.8	22.3	23.1	20.8	20.7	20.0	20.4	20.5	19.6	21.1
	570	20.8	22.3	23.1	20.8	20.7	20.0	20.4	20.5	19.6	21.1
	571	19.1	21.4	20.9	19.5	19.8	20.8	20.6	20.6	19.2	20.5
	572	19.1	21.4	20.9	19.5	19.8	20.8	20.6	20.6	19.2	20.5
	573	18.9	21.8	22.1	22.1	20.9	21.1	21.6	23.0	21.3	20.7

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
B5M	574	18.9	21.8	22.1	22.1	20.9	21.1	21.6	23.0	21.3	20.7
	575	20.2	20.6	21.2	16.6	19.3	20.3		20.4	20.0	20.9
	576	20.2	20.6	21.2	16.6	19.3	20.3		20.4	20.0	20.9
	577	19.4	21.4	19.9	22.5	20.0	22.0	22.3	22.1	20.9	22.9
	578	19.4	21.4	19.9	22.5	20.0	22.0	22.3	22.1	20.9	22.9
	579	18.7	20.3	21.4	21.0	19.4	19.8	19.9	19.9	18.9	18.7
	580	18.7	20.3	21.4	21.0	19.4	19.8	19.9	19.9	18.9	18.7
E0.2M	621	21.3	23.6	23.5	23.7	23.4	24.8	23.7	23.1	23.3	22.9
	622	21.3	23.6	23.5	23.7	23.4	24.8	23.7	23.1	23.3	22.9
	623	21.2	23.5	23.7	23.7	23.2	23.5	24.1	23.1	23.4	22.8
	624	21.2	23.5	23.7	23.7	23.2	23.5	24.1	23.1	23.4	22.8
	625	19.7	22.3	20.8	21.4	21.5	22.1	20.8	21.1	21.4	22.4
	626	19.7	22.3	20.8	21.4	21.5	22.1	20.8	21.1	21.4	22.4
	627	20.8	22.6	22.5	21.6	20.7	21.9	21.2	20.5	22.1	21.3
	628	20.8	22.6	22.5	21.6	20.7	21.9	21.2	20.5	22.1	21.3
	629	23.0	26.4	25.8	25.7	24.0	25.0	24.4	23.3	23.1	24.7
	630	23.0	26.4	25.8	25.7	24.0	25.0	24.4	23.3	23.1	24.7
	631	20.2	21.9	20.5	20.7	19.5	17.1	19.0	19.4	20.3	20.7
	632	20.2	21.9	20.5	20.7	19.5	17.1	19.0	19.4	20.3	20.7
	633	22.2	23.2	23.3	24.1	22.1	23.8	22.9	23.5	23.2	23.3
	634	22.2	23.2	23.3	24.1	22.1	23.8	22.9	23.5	23.2	23.3
	635	20.4	22.1	21.6	21.4	20.2	21.6	21.0	21.0	20.0	20.5
	636	20.4	22.1	21.6	21.4	20.2	21.6	21.0	21.0	20.0	20.5
	637	20.2	21.8	22.6	21.5	23.2	23.3	22.9	21.3	21.8	21.6
	638	20.2	21.8	22.6	21.5	23.2	23.3	22.9	21.3	21.8	21.6
	639	19.3	21.4	20.9	19.7	20.2	20.6	20.3	21.2	20.4	20.5
	640	19.3	21.4	20.9	19.7	20.2	20.6	20.3	21.2	20.4	20.5

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
E0.2M	641	20.7	22.1	22.4	21.0	21.3	22.1	25.9	22.6	21.1	19.4
	642	20.7	22.1	22.4	21.0	21.3	22.1	25.9	22.6	21.1	19.4
	643	22.5	22.9	23.6	23.3	20.3	21.4	22.3	21.0	20.8	20.5
	644	22.5	22.9	23.6	23.3	20.3	21.4	22.3	21.0	20.8	20.5
	645	20.2	22.0	21.9	20.3	18.8	19.9	19.3	18.3	17.9	19.1
	646	20.2	22.0	21.9	20.3	18.8	19.9	19.3	18.3	17.9	19.1
	647	19.7	20.8	19.8	22.0	20.9	20.2	21.1	19.7	18.8	20.2
	648	19.7	20.8	19.8	22.0	20.9	20.2	21.1	19.7	18.8	20.2
	649	19.7	21.7	21.7	22.9	20.4	21.9	22.8	23.4	22.8	22.3
	650	19.7	21.7	21.7	22.9	20.4	21.9	22.8	23.4	22.8	22.3
	651	21.6	22.8	22.7	23.3	20.8	22.1	22.1	21.6	22.0	22.4
	652	21.6	22.8	22.7	23.3	20.8	22.1	22.1	21.6	22.0	22.4
	653	16.1	22.3	21.4	20.2	19.9	20.0	20.2	19.3	18.8	19.1
	654	16.1	22.3	21.4	20.2	19.9	20.0	20.2	19.3	18.8	19.1
	655	19.9	21.8	21.5	21.7	20.7	20.4	20.1	19.9	19.0	19.7
	656	19.9	21.8	21.5	21.7	20.7	20.4	20.1	19.9	19.0	19.7
	657	21.3	23.5	22.3	21.8	21.3	21.6	21.9	21.4	21.0	20.7
	658	21.3	23.5	22.3	21.8	21.3	21.6	21.9	21.4	21.0	20.7
	659	20.0	21.8	23.5	20.5	21.9	21.0	21.1	20.5	18.7	19.1
	660	20.0	21.8	23.5	20.5	21.9	21.0	21.1	20.5	18.7	19.1
	661	21.2	21.6	21.5	22.5	21.8	22.3	22.0	21.5	22.9	21.4
	662	21.2	21.6	21.5	22.5	21.8	22.3	22.0	21.5	22.9	21.4
	663	19.2	22.8	23.5	23.9	23.2	23.3	24.0	23.4	24.0	24.5
	664	19.2	22.8	23.5	23.9	23.2	23.3	24.0	23.4	24.0	24.5
	665	19.6	21.0	21.5	21.6	20.0	20.9	20.6	19.8	19.2	20.4
	666	19.6	21.0	21.5	21.6	20.0	20.9	20.6	19.8	19.2	20.4
	667	22.4	24.2	23.0	23.3	21.8	20.8	22.5	21.4	21.1	22.2
	668	22.4	24.2	23.0	23.3	21.8	20.8	22.5	21.4	21.1	22.2

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
E0.2M	669	18.5	20.9	20.9	20.3	20.3	19.3	21.1	20.2	19.1	18.8
	670	18.5	20.9	20.9	20.3	20.3	19.3	21.1	20.2	19.1	18.8
	671	20.9	23.8	23.8	24.3	23.1	23.8	22.0	23.6	22.7	22.0
	672	20.9	23.8	23.8	24.3	23.1	23.8	22.0	23.6	22.7	22.0
	673	18.6	19.6	19.8	20.6	20.2	18.5	20.0	19.8	19.2	19.0
	674	18.6	19.6	19.8	20.6	20.2	18.5	20.0	19.8	19.2	19.0
	675	21.0	21.2	21.4	21.3	19.7	20.6	20.2	19.6	19.7	20.3
	676	21.0	21.2	21.4	21.3	19.7	20.6	20.2	19.6	19.7	20.3
	677	21.3	22.7	22.9	22.9	21.5	24.4	22.8	22.0	21.4	22.3
	678	21.3	22.7	22.9	22.9	21.5	24.4	22.8	22.0	21.4	22.3
	679	22.4	23.9	23.3	23.9	23.0	23.2	22.8	21.5	20.8	20.7
	680	22.4	23.9	23.3	23.9	23.0	23.2	22.8	21.5	20.8	20.7
E2M	721	17.6	20.4	20.3	20.5	18.8	19.0	18.1	19.1	18.4	18.2
	722	17.6	20.4	20.3	20.5	18.8	19.0	18.1	19.1	18.4	18.2
	723	20.3	22.7	22.8	22.2	22.0	22.9	22.4	21.3	20.9	22.0
	724	20.3	22.7	22.8	22.2	22.0	22.9	22.4	21.3	20.9	22.0
	725	18.9	21.2	20.7	20.9	19.7	20.5	20.3	19.8	18.9	19.9
	726	18.9	21.2	20.7	20.9	19.7	20.5	20.3	19.8	18.9	19.9
	727	21.2	24.2	25.3	27.6				27.1	28.8	29.4
	728	21.2	24.2	25.3	27.6				27.1	28.8	29.4
	729	19.5	21.8	22.3	22.3	22.6	21.9	21.4	20.3	20.1	22.0
	730	19.5	21.8	22.3	22.3	22.6	21.9	21.4	20.3	20.1	22.0
	731	22.3	23.0	22.7	23.5	22.4	23.4	24.1	22.7	22.4	22.5
	732	22.3	23.0	22.7	23.5	22.4	23.4	24.1	22.7	22.4	22.5
	733	21.6	24.1	23.4	25.1	24.4	24.6	25.1	26.0	24.3	25.1
	734	21.6	24.1	23.4	25.1	24.4	24.6	25.1	26.0	24.3	25.1

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	7	14	21	28	35	42	49	56	63	70
E2M	735	20.8	23.7	24.2	24.6	23.8	22.5	25.4	22.2	24.0	21.1
	736	20.8	23.7	24.2	24.6	23.8	22.5	25.4	22.2	24.0	21.1
	737	21.5	23.2	22.9	23.4	24.9	22.8	23.1	23.0	21.6	22.7
	738	21.5	23.2	22.9	23.4	24.9	22.8	23.1	23.0	21.6	22.7
	739	20.6	23.5	23.4	25.4	22.9	21.5	21.4	21.6	18.0	26.2
	740	20.6	23.5	23.4	25.4	22.9	21.5	21.4	21.6	18.0	26.2
	741	18.9	22.1	23.6	25.3		25.1	24.8	24.8	24.2	26.3
	742	18.9	22.1	23.6	25.3		25.1	24.8	24.8	24.2	26.3
	743	21.1	23.2	22.4	21.3	22.7	21.3	20.8	20.2	19.0	19.1
	744	21.1	23.2	22.4	21.3	22.7	21.3	20.8	20.2	19.0	19.1
	745	19.3	20.5	20.8	21.2	20.7	20.4	21.0	20.3	19.4	20.3
	746	19.3	20.5	20.8	21.2	20.7	20.4	21.0	20.3	19.4	20.3
	747	20.4	23.7	28.3	24.6	21.6	21.9	22.3	22.7	21.9	21.5
	748	20.4	23.7	28.3	24.6	21.6	21.9	22.3	22.7	21.9	21.5
	749	16.6	22.9	23.1	24.1	24.1	27.3	25.0	26.5	19.2	20.8
	750	16.6	22.9	23.1	24.1	24.1	27.3	25.0	26.5	19.2	20.8
	751	21.7	24.6	24.1	24.7	22.9	24.5	24.7	24.2	23.8	23.8
	752	21.7	24.6	24.1	24.7	22.9	24.5	24.7	24.2	23.8	23.8
	753	21.5	22.9	23.9	24.6	25.2	23.3	23.5	22.9	22.6	22.5
	754	21.5	22.9	23.9	24.6	25.2	23.3	23.5	22.9	22.6	22.5
	755	18.5	20.7	20.8	20.9	20.2	20.8	20.3	20.0	19.3	20.3
	756	18.5	20.7	20.8	20.9	20.2	20.8	20.3	20.0	19.3	20.3
	757	20.3	22.3	22.0	23.0	23.0	23.5	22.1	22.3	20.8	22.1
	758	20.3	22.3	22.0	23.0	23.0	23.5	22.1	22.3	20.8	22.1
	759	18.6	22.0	22.7	22.2	21.5	19.8	20.7	19.7	18.9	19.4
	760	18.6	22.0	22.7	22.2	21.5	19.8	20.7	19.7	18.9	19.4

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
E2M	761	14.0	19.8	20.1	21.0	21.1	20.8	20.5	21.0	19.7	19.8
	762	14.0	19.8	20.1	21.0	21.1	20.8	20.5	21.0	19.7	19.8
	763	17.8	20.5	20.4	20.5	21.3	21.7	21.8	21.1	21.5	21.7
	764	17.8	20.5	20.4	20.5	21.3	21.7	21.8	21.1	21.5	21.7
	765	18.8	21.3	21.7	22.2	21.0	20.9	20.3	19.6	19.7	20.6
	766	18.8	21.3	21.7	22.2	21.0	20.9	20.3	19.6	19.7	20.6
	767	21.1	23.6	23.4		22.1	24.2	22.7	22.2	22.0	21.9
	768	21.1	23.6	23.4		22.1	24.2	22.7	22.2	22.0	21.9
	769	18.3	22.0	22.4	22.2	22.4	21.1	22.9	27.3	22.9	
	770	18.3	22.0	22.4	22.2	22.4	21.1	22.9	27.3	22.9	
	771	21.6	24.3	24.1	25.0	24.7	23.8	24.3	23.2	21.3	22.2
	772	21.6	24.3	24.1	25.0	24.7	23.8	24.3	23.2	21.3	22.2
	773	10.7	18.8	19.5	19.1	18.7	19.4	18.4	18.0	15.8	18.3
	774	10.7	18.8	19.5	19.1	18.7	19.4	18.4	18.0	15.8	18.3
	775	19.6	20.5	20.6	21.4	21.7		22.4	22.0	20.6	20.7
	776	19.6	20.5	20.6	21.4	21.7		22.4	22.0	20.6	20.7
	777	19.3	21.0	20.6	22.0	21.2	20.6	20.2	22.6		21.4
	778	19.3	21.0	20.6	22.0	21.2	20.6	20.2	22.6		21.4
	779	20.0	22.7	21.7	22.2	23.0	21.1	23.2	23.1	20.1	20.2
	780	20.0	22.7	21.7	22.2	23.0	21.1	23.2	23.1	20.1	20.2
E5M	821	20.3	22.2	21.9	21.5	20.7	20.0	19.3	20.6	19.5	19.5
	822	20.3	22.2	21.9	21.5	20.7	20.0	19.3	20.6	19.5	19.5
	823	19.0	21.4	21.6	21.9	20.3	20.1	19.4	18.9	18.2	18.8
	824	19.0	21.4	21.6	21.9	20.3	20.1	19.4	18.9	18.2	18.8
	825	16.9	18.3	19.2	19.7	18.7	20.5	20.4	22.4	18.7	19.6
	826	16.9	18.3	19.2	19.7	18.7	20.5	20.4	22.4	18.7	19.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	7	14	21	28	35	42	49	56	63	70
E5M	827	17.4	20.2	18.6	18.7	18.3	18.5	18.7	20.6	19.2	19.9
	828	17.4	20.2	18.6	18.7	18.3	18.5	18.7	20.6	19.2	19.9
	829	18.9	21.5	21.7	21.4	20.8	20.7	20.2	20.4	18.8	19.8
	830	18.9	21.5	21.7	21.4	20.8	20.7	20.2	20.4	18.8	19.8
	831	18.7	20.6	21.6	21.5	21.1	20.0	19.5	19.1	17.1	18.2
	832	18.7	20.6	21.6	21.5	21.1	20.0	19.5	19.1	17.1	18.2
	833	19.3	20.8	22.3	22.3	20.8	20.6	20.0	21.3	17.4	18.2
	834	19.3	20.8	22.3	22.3	20.8	20.6	20.0	21.3	17.4	18.2
	835	15.9	19.2	18.8	19.6	18.9	18.3	17.9	19.1	16.4	16.8
	836	15.9	19.2	18.8	19.6	18.9	18.3	17.9	19.1	16.4	16.8
	837	17.7	20.2	20.4	22.2	21.7	21.7	21.7	21.1	20.2	19.8
	838	17.7	20.2	20.4	22.2	21.7	21.7	21.7	21.1	20.2	19.8
	839	18.8	20.2	20.6	21.1	20.0	19.8	18.8	19.0	18.5	18.7
	840	18.8	20.2	20.6	21.1	20.0	19.8	18.8	19.0	18.5	18.7
	841	18.9	21.1	20.5	22.5	21.9	21.4	20.8	19.8	19.6	21.2
	842	18.9	21.1	20.5	22.5	21.9	21.4	20.8	19.8	19.6	21.2
	843	17.9	20.0	20.1	19.3	19.3	19.0	19.0	18.4	16.7	17.9
	844	17.9	20.0	20.1	19.3	19.3	19.0	19.0	18.4	16.7	17.9
	845	20.4	20.2	20.8	20.9	21.8	24.5		20.8		19.7
	846	20.4	20.2	20.8	20.9	21.8	24.5		20.8		19.7
	847	17.7	19.3	20.4	19.8	17.6	19.3	19.0		16.3	16.9
	848	17.7	19.3	20.4	19.8	17.6	19.3	19.0		16.3	16.9
	849	19.0	21.6	21.5	23.2	22.7	24.8	19.5	22.9		21.4
	850	19.0	21.6	21.5	23.2	22.7	24.8	19.5	22.9		21.4
	851	17.7	19.9	20.2	21.8	19.0	21.7	21.1	20.8	19.7	21.1
	852	17.7	19.9	20.2	21.8	19.0	21.7	21.1	20.8	19.7	21.1

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
E5M	853	18.5	21.1	20.2	19.9	19.4	19.7	17.9	18.7	17.5	18.1
	854	18.5	21.1	20.2	19.9	19.4	19.7	17.9	18.7	17.5	18.1
	855	19.0	22.1	20.7	21.8	21.2	21.4	20.9	20.4	19.2	20.9
	856	19.0	22.1	20.7	21.8	21.2	21.4	20.9	20.4	19.2	20.9
	857	18.6	20.7	20.7	21.4	20.5	20.2	21.2	22.0	20.0	20.1
	858	18.6	20.7	20.7	21.4	20.5	20.2	21.2	22.0	20.0	20.1
	859	18.3	17.9	19.9	21.6	17.9	22.1	20.0	19.8	18.9	19.3
	860	18.3	17.9	19.9	21.6	17.9	22.1	20.0	19.8	18.9	19.3
	861	18.6	20.8	20.3	21.2	21.2	21.6	21.6	21.0	18.8	19.8
	862	18.6	20.8	20.3	21.2	21.2	21.6	21.6	21.0	18.8	19.8
	863	17.9	20.2	19.5	20.2	20.5	21.0	20.9	21.7	20.9	21.0
	864	17.9	20.2	19.5	20.2	20.5	21.0	20.9	21.7	20.9	21.0
	865	19.1	21.5	21.4	20.7	19.0	20.2	20.4	19.5	18.1	19.8
	866	19.1	21.5	21.4	20.7	19.0	20.2	20.4	19.5	18.1	19.8
	867	21.3	22.7	22.6	22.4	22.8	22.7	22.6	23.3	22.5	21.8
	868	21.3	22.7	22.6	22.4	22.8	22.7	22.6	23.3	22.5	21.8
	869	17.4	18.4	18.4	17.6	18.6	17.7	18.3	17.5	16.4	16.4
	870	17.4	18.4	18.4	17.6	18.6	17.7	18.3	17.5	16.4	16.4
	871	17.0	18.9	19.0	19.9	19.3	19.4	19.3	20.1	18.3	18.2
	872	17.0	18.9	19.0	19.9	19.3	19.4	19.3	20.1	18.3	18.2
	873	14.3	16.9	17.6	20.0	18.5	18.7	18.6	18.3	17.2	18.2
	874	14.3	16.9	17.6	20.0	18.5	18.7	18.6	18.3	17.2	18.2
	875	19.4	22.8	21.7	22.1	21.5	22.3	22.0	20.6	20.7	21.8
	876	19.4	22.8	21.7	22.1	21.5	22.3	22.0	20.6	20.7	21.8
	877	20.2	20.9	21.7	22.3	21.2	21.7	21.7	23.1	23.3	22.8
	878	20.2	20.9	21.7	22.3	21.2	21.7	21.7	23.1	23.3	22.8
	879	16.3	18.7	19.9	19.6	19.6	19.1	18.8	18.8	16.8	18.2
	880	16.3	18.7	19.9	19.6	19.6	19.1	18.8	18.8	16.8	18.2

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
CM	121	18.8	19.7	19.9	18.9	20.4	18.7	20.9	18.2	17.7	19.8
	122	18.8	19.7	19.9	18.9	20.4	18.7	20.9	18.2	17.7	19.8
	123	16.9	18.7	20.3	20.6	19.6	17.5	24.1			
	124	16.9	18.7	20.3	20.6	19.6	17.5	24.1	20.3	20.8	21.3
	125	20.1	21.4	20.6	21.2	22.9	23.2	23.0	25.9	22.3	22.2
	126	20.1	21.4	20.6	21.2	22.9	23.2	23.0	25.9	22.3	22.2
	127	22.0	23.1	21.9	20.5	22.2	20.4	22.8	21.5	21.5	20.2
	128	22.0	23.1	21.9	20.5	22.2	20.4	22.8	21.5	21.5	20.2
	129	19.4	21.8	19.8	19.5	20.6	17.9	21.2	20.0	22.1	22.0
	130	19.4	21.8	19.8	19.5	20.6	17.9	21.2	20.0	22.1	22.0
	131	15.9	17.9	17.0	15.8	17.0	15.5	17.9	16.2	17.8	16.6
	132	15.9	17.9	17.0	15.8	17.0	15.5	17.9	16.2	17.8	16.6
	133	19.8	20.3	19.3	19.1	20.3	18.9	20.5	18.3	19.1	20.3
	134	19.8	20.3	19.3	19.1	20.3	18.9	20.5	18.3	19.1	20.3
	135	20.8	22.3	20.7	20.8	22.6	21.7	22.3	21.5	22.6	25.0
	136	20.8	22.3	20.7	20.8	22.6	21.7	22.3	21.5	22.6	25.0
	137	21.8	22.6		19.0	21.2	20.5	20.8	20.7	20.3	19.5
	138	21.8	22.6		19.0	21.2	20.5	20.8	20.7	20.3	19.5
	139	20.5	21.6	19.2	21.2	22.0	21.1	23.6	22.7	23.6	22.9
	140	20.5	21.6	19.2	21.2	22.0	21.1	23.6	22.7	23.6	22.9
	141	22.8	23.4	22.4	21.1	21.0	23.2	21.7	20.2	20.0	20.1
	142	22.8	23.4	22.4	21.1	21.0	23.2	21.7	20.2	20.0	20.1
	143	22.7	24.0	23.5	21.1	22.7	22.3	23.1	21.7	23.5	21.7
	144	22.7	24.0	23.5	21.1	22.7	22.3	23.1	21.7	23.5	21.7
	145	21.7	21.2	21.6	21.6	21.5	21.5	23.3	21.1	21.0	21.7
	146	21.7	21.2	21.6	21.6	21.5	21.5	23.3	21.1	21.0	21.7
	147	24.2	23.5	21.3	22.8	23.0	22.6	24.4	22.9	21.5	24.0

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
CM	148	24.2	23.5	21.3	22.8	23.0	22.6	24.4	22.9	21.5	24.0
	149	21.1	20.7	20.0	20.8	21.9	19.9	21.7	20.9	20.7	19.5
	150	21.1	20.7	20.0	20.8	21.9	19.9	21.7	20.9	20.7	19.5
	151	20.0	20.5	19.6	19.0	20.1	20.1	19.9	19.5	19.0	18.2
	152	20.0	20.5	19.6	19.0	20.1	20.1	19.9	19.5	19.0	18.2
	153	20.6	21.0	19.9	19.4	19.6	20.9	21.9	20.7	22.6	20.4
	154	20.6	21.0	19.9	19.4	19.6	20.9	21.9	20.7	22.6	20.4
	155	19.3	20.6	19.6	18.0	18.6	19.5	19.8	23.5	20.2	18.8
	156	19.3	20.6	19.6	18.0	18.6	19.5	19.8	23.5	20.2	18.8
	157	19.3	18.7	17.8	19.4	19.1	19.0	20.2	20.4	19.4	20.3
	158	19.3	18.7	17.8	19.4	19.1	19.0	20.2	20.4	19.4	20.3
	159	20.1	21.1	19.9	20.3	19.6	19.8	21.5	20.4	20.1	19.8
	160	20.1	21.1	19.9	20.3	19.6	19.8	21.5	20.4	20.1	19.8
	161	21.6	21.5	20.5	20.2	21.3	20.3	20.5	21.0	20.6	20.7
	162	21.6	21.5	20.5	20.2	21.3	20.3	20.5	21.0	20.6	20.7
	163	24.6	24.1	22.6	23.7	25.7	22.4	23.1	23.6	22.1	21.6
	164	24.6	24.1	22.6	23.7	25.7	22.4	23.1	23.6	22.1	21.6
	165	22.0	21.8	20.6	20.1	21.3	21.6	21.5	21.2	21.0	20.2
	166	22.0	21.8	20.6	20.1	21.3	21.6	21.5	21.2	21.0	20.2
	167	19.2	20.3	19.3	18.2	18.7	20.0	20.4	19.9	19.8	18.0
	168	19.2	20.3	19.3	18.2	18.7	20.0	20.4	19.9	19.8	18.0
	169	23.3	23.7		23.6	23.4	23.0	22.4	22.6	23.2	23.1
	170	23.3	23.7		23.6	23.4	23.0	22.4	22.6	23.2	23.1
	171	22.4	21.1		20.3	20.6	20.2	22.5	20.7	21.8	21.8
	172	22.4	21.1		20.3	20.6	20.2	22.5	20.7	21.8	21.8
	173	21.8	21.7	20.8	21.5	22.5	21.7	22.5	21.5	20.5	21.0

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
CM	174	21.8	21.7	20.8	21.5	22.5	21.7	22.5	21.5	20.5	21.0
	175	25.4	23.7		22.9	25.9	25.3	26.3	26.3	27.0	26.0
	176	25.4	23.7		22.9	25.9	25.3	26.3	26.3	27.0	26.0
	177	22.1	22.6	14.1	21.6	20.9	22.0	22.3	21.8	22.5	20.7
	178	22.1	22.6	14.1	21.6	20.9	22.0	22.3	21.8	22.5	20.7
	179	23.8	25.8	24.4	23.0	24.0	24.8	23.6	22.3	25.5	21.3
	180	23.8	25.8	24.4	23.0	24.0	24.8	23.6	22.3	25.5	21.3
CBM	201	22.2	21.7		22.5	22.3	21.8	25.2	22.9	21.5	21.7
	202	22.2	21.7		22.5	22.3	21.8	25.2	22.9	21.5	21.7
	203	25.2	23.3		22.6	22.7	19.5	22.7	21.4	22.4	22.8
	204	25.2	23.3		22.6	22.7	19.5	22.7	21.4	22.4	22.8
	205	22.3	21.7	20.3	20.4	22.0	21.5	22.1	21.6	21.0	19.8
	206	22.3	21.7	20.3	20.4	22.0	21.5	22.1	21.6	21.0	19.8
	207	21.8	23.7	20.1	21.2	23.6	21.9	23.9	23.6	22.5	21.5
	208	21.8	23.7	20.1	21.2	23.6	21.9	23.9	23.6	22.5	21.5
	209	22.5	24.2	22.4	23.8	22.8	22.4	22.5	22.9	23.3	23.3
	210	22.5	24.2	22.4	23.8	22.8	22.4	22.5	22.9	23.3	23.3
	211	23.0	23.9		22.4	21.9	21.4	22.9	22.6	22.0	23.0
	212	23.0	23.9		22.4	21.9	21.4	22.9	22.6	22.0	23.0
	213	22.9	22.6	22.3	21.7	23.6	23.5	23.9	23.1	22.5	22.7
	214	22.9	22.6	22.3	21.7	23.6	23.5	23.9	23.1	22.5	22.7
	215	21.3	21.5		20.7	20.5	20.5	21.7	20.8	20.2	22.6
	216	21.3	21.5		20.7	20.5	20.5	21.7	20.8	20.2	22.6
	217	21.0	21.3	19.4	19.5	20.9	19.4	21.1		21.3	20.0
	218	21.0	21.3	19.4	19.5	20.9	19.4	21.1		21.3	20.0
	219	21.7	22.0	19.8	20.2	21.0	20.4	21.7	20.3	20.3	19.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
CBM	220	21.7	22.0	19.8	20.2	21.0	20.4	21.7	20.3	20.3	19.6
	221	21.5	20.7	18.6	19.2	19.7	19.9	21.3	19.9	20.5	19.6
	222	21.5	20.7	18.6	19.2	19.7	19.9	21.3	19.9	20.5	19.6
	223	19.1	20.1	17.8	19.5	19.5	19.6	19.9	28.0	20.6	18.3
	224	19.1	20.1	17.8	19.5	19.5	19.6	19.9	28.0	20.6	18.3
	225	19.3	19.8	18.6	21.0	20.1	19.9	21.6	20.2	20.8	20.6
	226	19.3	19.8	18.6	21.0	20.1	19.9	21.6	20.2	20.8	20.6
	227	19.9	20.7	21.5	20.1	20.3	19.9	21.5	21.6	21.0	21.3
	228	19.9	20.7	21.5	20.1	20.3	19.9	21.5	21.6	21.0	21.3
	229	21.8	21.5		20.4	21.5	21.5	21.9	21.7	21.2	20.1
	230	21.8	21.5		20.4	21.5	21.5	21.9	21.7	21.2	20.1
	231	21.7	21.8	19.7	19.0	20.2	20.8	20.8	20.7	20.4	18.4
	232	21.7	21.8	19.7	19.0	20.2	20.8	20.8	20.7	20.4	18.4
	233	23.8	22.8		22.6	22.2	23.2	24.4	23.5	23.3	22.0
	234	23.8	22.8		22.6	22.2	23.2	24.4	23.5	23.3	22.0
	235	18.9	20.2	19.7	19.6	18.1	19.7	18.4	19.8	20.9	17.3
	236	18.9	20.2	19.7	19.6	18.1	19.7	18.4	19.8	20.9	17.3
	237	21.3	22.3	20.3	22.1	20.5	20.5	20.7	20.8	20.4	21.4
	238	21.3	22.3	20.3	22.1	20.5	20.5	20.7	20.8	20.4	21.4
	239	22.6	20.7	21.0	21.4	20.7	20.0	22.2	21.9	21.1	21.8
	240	22.6	20.7	21.0	21.4	20.7	20.0	22.2	21.9	21.1	21.8
	241	23.8	23.8	22.6	22.3	23.5	22.7	22.0	31.2	24.7	23.6
	242	23.8	23.8	22.6	22.3	23.5	22.7	22.0	31.2	24.7	23.6
	243	20.4	20.7	20.4	18.8	21.3	19.4	19.8	20.5	20.0	19.5
	244	20.4	20.7	20.4	18.8	21.3	19.4	19.8	20.5	20.0	19.5
	245	20.6	21.5		19.7	20.4	20.0	20.7	26.3	21.2	20.2

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		77	84	91	119	147	175	203	231	259	287
CBM	246	20.6	21.5		19.7	20.4	20.0	20.7	26.3	21.2	20.2
	247	19.8	21.4	20.1	20.0	19.7	20.6	21.0	20.5	22.1	19.6
	248	19.8	21.4	20.1	20.0	19.7	20.6	21.0	20.5	22.1	19.6
	249	22.8	23.1	23.5	23.8	22.8	22.0	22.1	22.7	23.4	22.9
	250	22.8	23.1	23.5	23.8	22.8	22.0	22.1	22.7	23.4	22.9
	251	18.0	18.8	18.1	18.6	18.8	18.2	20.9	19.4	20.4	19.8
	252	18.0	18.8	18.1	18.6	18.8	18.2	20.9	19.4	20.4	19.8
	253	22.1	21.8	20.4	20.6	21.2	20.3	22.4		21.5	19.8
	254										
	255	21.5	21.2	20.5	21.1	22.6	20.8	21.3	26.1	23.5	10.7
	256	21.5	21.2	20.5	21.1	22.6	20.8	21.3	26.1	23.5	10.7
	257	23.7	28.0	26.6	24.6	25.3	23.8	24.7	27.3	27.7	26.6
	258	23.7	28.0	26.6	24.6	25.3	23.8	24.7	27.3	27.7	26.6
	259	20.0	21.4	20.8	20.0	17.9	21.4	20.5	19.8	20.9	19.0
	260	20.0	21.4	20.8	20.0	17.9	21.4	20.5	19.8	20.9	19.0
B0.2M	321	19.8	19.3	18.7	19.7	19.7	20.6	22.0	19.9	19.4	23.0
	322	19.8	19.3	18.7	19.7	19.7	20.6	22.0	19.9	19.4	23.0
	323	18.5	19.2	18.8	19.0	18.4	19.4	20.8	18.2	18.8	19.5
	324	18.5	19.2	18.8	19.0	18.4	19.4	20.8	18.2	18.8	19.5
	325	21.1	22.1	20.8	20.6	20.9	21.5	22.5	21.7	22.6	21.0
	326	21.1	22.1	20.8	20.6	20.9	21.5	22.5	21.7	22.6	21.0
	327	20.8	21.3	19.2	20.5	21.4	22.0	20.6	20.0	19.7	19.1
	328	20.8	21.3	19.2	20.5	21.4	22.0	20.6	20.0	19.7	19.1
	329	22.5	23.8	22.7	21.4	22.0	23.2	22.3	20.3	23.0	22.9
	330	22.5	23.8	22.7	21.4	22.0	23.2	22.3	20.3	23.0	22.9
	331	22.2	24.3	23.5	22.6	23.4	23.3	23.5	23.3	21.8	22.3

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B0.2M	332	22.2	24.3	23.5	22.6	23.4	23.3	23.5	23.3	21.8	22.3
	333	21.8	21.5	21.9	22.5	22.5	23.3	24.1	21.1	21.8	21.0
	334	21.8	21.5	21.9	22.5	22.5	23.3	24.1	21.1	21.8	21.0
	335	19.8	22.1	20.5	19.9	19.8	18.9	20.6	19.6	16.9	18.7
	336	19.8	22.1	20.5	19.9	19.8	18.9	20.6	19.6	16.9	18.7
	337	20.5	21.6		20.0	21.0	20.5	22.1	21.5	20.0	19.4
	338	20.5	21.6		20.0	21.0	20.5	22.1	21.5	20.0	19.4
	339	17.8	16.9	16.0	17.4	18.4	19.1	19.7	18.1	18.6	17.4
	340	17.8	16.9	16.0	17.4	18.4	19.1	19.7	18.1	18.6	17.4
	341	18.4	19.0	17.6	17.7	17.8	19.0	18.8	18.1	18.3	17.2
	342	18.4	19.0	17.6	17.7	17.8	19.0	18.8	18.1	18.3	17.2
	343	21.3	23.5	23.3	19.3	21.8	22.2	23.4	19.8	21.7	21.6
	344	21.3	23.5	23.3	19.3	21.8	22.2	23.4	19.8	21.7	21.6
	345	21.8	22.1	22.8	21.4	22.2	21.2	23.5	21.4	20.9	19.7
	346	21.8	22.1	22.8	21.4	22.2	21.2	23.5	21.4	20.9	19.7
	347	21.7	21.1	21.6	19.7	20.2	20.4	22.2	20.1	18.6	19.8
	348	21.7	21.1	21.6	19.7	20.2	20.4	22.2	20.1	18.6	19.8
	349	21.6	22.4	21.3	19.6	23.6	21.6	22.5	22.2	20.3	19.9
	350	21.6	22.4	21.3	19.6	23.6	21.6	22.5	22.2	20.3	19.9
	351	24.1	22.9	21.4	22.3	23.4	22.5	23.1	22.9	23.0	22.5
	352	24.1	22.9	21.4	22.3	23.4	22.5	23.1	22.9	23.0	22.5
	353	14.3	26.3	21.1	21.7	21.3	21.5	22.3	20.7	21.1	20.5
	354	14.3	26.3	21.1	21.7	21.3	21.5	22.3	20.7	21.1	20.5
	355	22.1	23.1	22.2	21.0	21.2	22.0	23.3	21.1	25.2	23.6
	356	22.1	23.1	22.2	21.0	21.2	22.0	23.3	21.1	25.2	23.6
	357	20.2	20.5	20.6	20.0	20.1	20.0	23.3	20.7	20.4	19.2

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B0.2M	358	20.2	20.5	20.6	20.0	20.1	20.0	23.3	20.7	20.4	19.2
	359	22.1	23.4	22.9	23.4	23.6	23.0	25.5	21.6	25.5	25.3
	360	22.1	23.4	22.9	23.4	23.6	23.0	25.5	21.6	25.5	25.3
	361	19.3	20.2	20.4	19.4	20.8	21.7	22.5	21.4	22.0	17.4
	362	19.3	20.2	20.4	19.4	20.8	21.7	22.5	21.4	22.0	17.4
	363	22.1	21.9	21.5	21.1	22.7	22.8	22.6	23.2	21.0	21.5
	364	22.1	21.9	21.5	21.1	22.7	22.8	22.6	23.2	21.0	21.5
	365	21.8	22.4	21.0	20.4	21.0	22.2	23.5	21.3	21.9	20.9
	366	21.8	22.4	21.0	20.4	21.0	22.2	23.5	21.3	21.9	20.9
	367	23.8	25.6	24.6	30.4	23.4	24.1	25.2	23.1	24.3	22.3
	368	23.8	25.6	24.6	30.4	23.4	24.1	25.2	23.1	24.3	22.3
	369	21.2	22.3	22.1	20.9	20.7	21.3	22.7	21.5	21.8	21.7
	370	21.2	22.3	22.1	20.9	20.7	21.3	22.7	21.5	21.8	21.7
	371	19.4	20.4	20.0	20.0	19.7	20.5	22.3	20.3	20.9	20.6
	372	19.4	20.4	20.0	20.0	19.7	20.5	22.3	20.3	20.9	20.6
	373	22.4	24.2	23.8	20.3	23.6	22.5	22.1	23.4	17.7	22.7
	374	22.4	24.2	23.8	20.3	23.6	22.5	22.1	23.4	17.7	22.7
	375	20.7	21.6	21.0	20.5	22.5	21.4	21.6	23.5	21.5	21.8
	376	20.7	21.6	21.0	20.5	22.5	21.4	21.6	23.5	21.5	21.8
	377	22.7	22.9	22.3	27.2	23.6	22.1	28.0	23.4	23.5	24.7
	378	22.7	22.9	22.3	27.2	23.6	22.1	28.0	23.4	23.5	24.7
	379	21.8	23.0	21.9	21.1	21.2	20.9	21.9	21.5	21.4	21.7
	380	21.8	23.0	21.9	21.1	21.2	20.9	21.9	21.5	21.4	21.7
B2M	421	22.6	25.1	22.2	22.4	21.2	20.9	22.6	20.5	19.8	21.5
	422	22.6	25.1	22.2	22.4	21.2	20.9	22.6	20.5	19.8	21.5
	423	19.1	19.1	19.1	18.8	19.0	18.4	21.6	19.5	19.5	20.2

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B2M	424	19.1	19.1	19.1	18.8	19.0	18.4	21.6	19.5	19.5	20.2
	425	25.8	26.1	25.4	25.6	23.5	23.4	24.0	24.7	25.5	25.9
	426	25.8	26.1	25.4	25.6	23.5	23.4	24.0	24.7	25.5	25.9
	427	21.8	22.8	20.9	22.0	21.1	21.2	22.1	24.0	23.3	23.2
	428	21.8	22.8	20.9	22.0	21.1	21.2	22.1	24.0	23.3	23.2
	429	21.6	21.1	21.2	19.6	20.6	21.0	21.4	20.1	20.0	18.0
	430	21.6	21.1	21.2	19.6	20.6	21.0	21.4	20.1	20.0	18.0
	431	20.1	22.0		20.0	19.4	20.8	22.1	20.9	22.3	19.6
	432	20.1	22.0		20.0	19.4	20.8	22.1	20.9	22.3	19.6
	433	19.7	20.5	19.3	20.3	14.1	19.2	21.1	20.5	19.6	22.9
	434	19.7	20.5	19.3	20.3	14.1	19.2	21.1	20.5	19.6	22.9
	435	22.8	22.3	22.2	23.5	22.6	22.0	24.4	24.0	22.5	23.9
	436	22.8	22.3	22.2	23.5	22.6	22.0	24.4	24.0	22.5	23.9
	437	22.0	21.3	20.3	20.5	22.0	20.8	22.1	20.4	19.9	18.6
	438	22.0	21.3	20.3	20.5	22.0	20.8	22.1	20.4	19.9	18.6
	439	20.4	20.5	19.4	19.3	20.9	20.0	21.1	21.1	21.4	20.2
	440	20.4	20.5	19.4	19.3	20.9	20.0	21.1	21.1	21.4	20.2
	441	19.3	18.7	18.0	16.9	17.1	17.9	19.9	17.8	17.9	17.5
	442	19.3	18.7	18.0	16.9	17.1	17.9	19.9	17.8	17.9	17.5
	443	21.4	23.3	22.3	20.4	20.4	21.6	22.5	21.1	22.0	17.9
	444	21.4	23.3	22.3	20.4	20.4	21.6	22.5	21.1	22.0	17.9
	445	24.8	23.6	18.3							
	446	24.8	23.6	18.3	24.6	25.5	24.3	25.5	24.2	24.5	25.1
	447	23.6	23.7	23.1	23.4	22.7	22.6	25.2	22.2	22.8	25.3
	448	23.6	23.7	23.1	23.4	22.7	22.6	25.2	22.2	22.8	25.3
	449	18.5	19.2	19.0	17.3	19.4	18.4	20.4	19.9	18.9	20.1

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B2M	450	18.5	19.2	19.0	17.3	19.4	18.4	20.4	19.9	18.9	20.1
	451	20.2	21.7	20.6	21.1	22.5	22.3	22.7	23.5	23.0	22.7
	452	20.2	21.7	20.6	21.1	22.5	22.3	22.7	23.5	23.0	22.7
	453	20.7	20.3	19.2	18.6	19.5	20.3	21.2	20.1	21.6	20.7
	454	20.7	20.3	19.2	18.6	19.5	20.3	21.2	20.1	21.6	20.7
	455	20.9	21.8	20.4	18.0	18.5	19.5	21.7	19.0	20.6	19.9
	456	20.9	21.8	20.4	18.0	18.5	19.5	21.7	19.0	20.6	19.9
	457	25.5	31.1	25.6	27.3	25.0	23.9	24.3	24.2	23.7	25.5
	458	25.5	31.1	25.6	27.3	25.0	23.9	24.3	24.2	23.7	25.5
	459	22.0	19.9	19.3	19.6	20.6	20.4	23.2	20.2	19.5	21.7
	460	22.0	19.9	19.3	19.6	20.6	20.4	23.2	20.2	19.5	21.7
	461	22.9	21.5	21.2	20.1	21.0	22.0	23.3	22.4	21.8	22.1
	462	22.9	21.5	21.2	20.1	21.0	22.0	23.3	22.4	21.8	22.1
	463	21.9	21.7	21.9	19.5	19.8	21.7	22.7	21.4	20.9	21.4
	464	21.9	21.7	21.9	19.5	19.8	21.7	22.7	21.4	20.9	21.4
	465	24.3	23.0	19.6	19.8	19.9	20.5	22.8	20.0	20.6	21.2
	466	24.3	23.0	19.6	19.8	19.9	20.5	22.8	20.0	20.6	21.2
	467	21.9	24.2	23.7	20.9	21.5	23.7	24.5	21.5	24.3	22.8
	468	21.9	24.2	23.7	20.9	21.5	23.7	24.5	21.5	24.3	22.8
	469	23.9	23.1	22.1	22.4	24.2	24.3	25.3		28.0	25.7
	470	23.9	23.1	22.1	22.4	24.2	24.3	25.3		28.0	25.7
	471	20.6	24.3	19.1	19.3	19.1	19.4	20.7	20.0	19.1	19.3
	472	20.6	24.3	19.1	19.3	19.1	19.4	20.7	20.0	19.1	19.3
	473	23.3	22.8	21.8	20.0	22.1	21.6	22.7	21.4	20.9	22.2
	474	23.3	22.8	21.8	20.0	22.1	21.6	22.7	21.4	20.9	22.2
	475	23.1	26.5	26.5	24.0	26.8	25.8	24.7	23.4	24.1	26.2

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B2M	476	23.1	26.5	26.5	24.0	26.8	25.8	24.7	23.4	24.1	26.2
	477	18.8	19.1	18.3	17.0	18.4	18.3	20.0	18.4	19.7	22.3
	478	18.8	19.1	18.3	17.0	18.4	18.3	20.0	18.4	19.7	22.3
	479	19.6	20.2	19.6	18.9	18.7	21.3	21.9	21.5	21.6	22.1
	480	19.6	20.2	19.6	18.9	18.7	21.3	21.9	21.5	21.6	22.1
B5M	521	19.1	19.2	18.9	18.5	19.2	19.9	21.3	20.0	16.7	19.7
	522	19.1	19.2	18.9	18.5	19.2	19.9	21.3	20.0	16.7	19.7
	523	20.4	19.6	19.6	18.6	20.1	21.0	21.6	19.4	22.6	20.4
	524	20.4	19.6	19.6	18.6	20.1	21.0	21.6	19.4	22.6	20.4
	525	17.8	16.4	16.4	16.2	18.1	18.0	16.4	15.8	17.0	18.9
	526	17.8	16.4	16.4	16.2	18.1	18.0	16.4	15.8	17.0	18.9
	527	19.7	18.7	18.0	17.0	19.9	19.8	20.3	19.0	18.6	22.2
	528	19.7	18.7	18.0	17.0	19.9	19.8	20.3	19.0	18.6	22.2
	529	19.9	20.6	19.7	18.8	18.9	20.3	20.5	20.1	18.5	20.2
	530	19.9	20.6	19.7	18.8	18.9	20.3	20.5	20.1	18.5	20.2
	531	19.8	20.6	20.6	18.6	20.2	21.4	5.2	19.6	19.8	21.1
	532	19.8	20.6	20.6	18.6	20.2	21.4	5.2	19.6	19.8	21.1
	533	17.6	17.8	18.3	17.8	17.4	18.9	21.7	17.7	20.8	19.4
	534	17.6	17.8	18.3	17.8	17.4	18.9	21.7	17.7	20.8	19.4
	535	18.9	18.9	20.1	19.0	18.1	20.3	20.1	18.6	20.1	19.8
	536	18.9	18.9	20.1	19.0	18.1	20.3	20.1	18.6	20.1	19.8
	537	19.9	20.4	20.6	19.0	20.6	20.4	19.5	18.5	18.0	19.9
	538	19.9	20.4	20.6	19.0	20.6	20.4	19.5	18.5	18.0	19.9
	539	19.5	19.8	19.3	18.4	20.0	21.2	19.7	19.6	21.3	22.0
	540	19.5	19.8	19.3	18.4	20.0	21.2	19.7	19.6	21.3	22.0
	541	22.4	25.0	22.7	19.7	19.8	21.6	20.4	19.4	20.3	21.9

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B5M	542	22.4	25.0	22.7	19.7	19.8	21.6	20.4	19.4	20.3	21.9
	543	19.3	20.4	22.4	19.9	19.6	21.3	23.2	21.7	22.8	21.7
	544	19.3	20.4	22.4	19.9	19.6	21.3	23.2	21.7	22.8	21.7
	545	19.1	19.4	18.4	18.7	17.9	19.7	19.8	17.9	19.2	20.3
	546	19.1	19.4	18.4	18.7	17.9	19.7	19.8	17.9	19.2	20.3
	547	18.7	18.7	20.1	19.4	19.5	19.4	22.0	19.2	19.9	20.2
	548	18.7	18.7	20.1	19.4	19.5	19.4	22.0	19.2	19.9	20.2
	549	21.9	21.8	23.3	20.5	21.6	22.5	24.3	23.9	23.9	25.1
	550	21.9	21.8	23.3	20.5	21.6	22.5	24.3	23.9	23.9	25.1
	551	24.7	23.4	26.0	21.3	23.4	23.9	23.3	22.3	22.8	22.2
	552	24.7	23.4	26.0	21.3	23.4	23.9	23.3	22.3	22.8	22.2
	553	24.3	23.2	23.8	21.2	21.0	21.8	22.9	21.3	22.4	22.4
	554	24.3	23.2	23.8	21.2	21.0	21.8	22.9	21.3	22.4	22.4
	555	18.5	17.9	19.3	19.1	19.2	19.8	20.8	17.5	18.7	21.0
	556	18.5	17.9	19.3	19.1	19.2	19.8	20.8	17.5	18.7	21.0
	557	17.2	17.2	17.5	17.3	17.6	18.9	20.4	17.9	17.8	20.0
	558	17.2	17.2	17.5	17.3	17.6	18.9	20.4	17.9	17.8	20.0
	559	19.3	19.4	20.0	20.3	20.7	22.3	23.4	21.9	22.6	23.0
	560	19.3	19.4	20.0	20.3	20.7	22.3	23.4	21.9	22.6	23.0
	561	22.5	23.6		19.4	22.5	21.9	24.9	21.2	21.1	25.3
	562	22.5	23.6		19.4	22.5	21.9	24.9	21.2	21.1	25.3
	563		26.4		18.7	19.3	18.4	18.9	21.3	19.0	20.6
	564		26.4		18.7	19.3	18.4	18.9	21.3	19.0	20.6
	565	20.6	20.4	20.2	18.9	19.4	20.2	20.4	21.2	20.6	20.6
	566	20.6	20.4	20.2	18.9	19.4	20.2	20.4	21.2	20.6	20.6
	567	21.0	21.5		19.5	21.7	23.0	22.2	19.3	20.8	21.1

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B5M	568	21.0	21.5		19.5	21.7	23.0	22.2	19.3	20.8	21.1
	569	22.4	21.1	21.5	21.6	21.2	22.5	23.2	21.9	22.5	22.0
	570	22.4	21.1	21.5	21.6	21.2	22.5	23.2	21.9	22.5	22.0
	571	20.7	20.8	19.5	20.2	20.9	20.0	22.0	20.6	20.3	21.7
	572	20.7	20.8	19.5	20.2	20.9	20.0	22.0	20.6	20.3	21.7
	573	20.3	23.0	19.5	19.0	19.9	20.9	21.3	19.5	20.2	22.8
	574	20.3	23.0	19.5	19.0	19.9	20.9	21.3	19.5	20.2	22.8
	575	21.3	20.3	19.7	19.3	20.9	20.0	23.1	22.0	20.9	21.9
	576	21.3	20.3	19.7	19.3	20.9	20.0	23.1	22.0	20.9	21.9
	577	23.0	22.8	22.5	19.9	20.4	21.5	18.3	21.4	20.9	22.1
	578	23.0	22.8	22.5	19.9	20.4	21.5	18.3	21.4	20.9	22.1
	579	19.1	19.9	19.9	17.8	18.6	19.9	20.5	19.0	21.1	21.3
	580	19.1	19.9	19.9	17.8	18.6	19.9	20.5	19.0	21.1	21.3
E0.2M	621	22.6	21.4	21.0	22.9	22.9	23.3	23.9	24.4	25.3	21.3
	622	22.6	21.4	21.0	22.9	22.9	23.3	23.9	24.4	25.3	21.3
	623	22.8	19.6	23.1	23.4	22.9	21.8	24.5	22.3	24.5	23.1
	624	22.8	19.6	23.1	23.4	22.9	21.8	24.5	22.3	24.5	23.1
	625	22.0	22.5	21.0	20.4	22.0	21.9	23.5	22.9	16.3	23.6
	626	22.0	22.5	21.0	20.4	22.0	21.9	23.5	22.9	16.3	23.6
	627	21.4	20.0	20.1	19.6	19.9	21.8	21.4	21.0	20.7	19.5
	628	21.4	20.0	20.1	19.6	19.9	21.8	21.4	21.0	20.7	19.5
	629	24.6	22.8	22.6	22.2	22.3	23.2	22.9	22.7	23.1	21.2
	630	24.6	22.8	22.6	22.2	22.3	23.2	22.9	22.7	23.1	21.2
	631	20.8	21.1	21.1	19.6	20.4	21.8	21.7	20.5	22.3	20.9
	632	20.8	21.1	21.1	19.6	20.4	21.8	21.7	20.5	22.3	20.9
	633	22.6	22.8	20.2	22.5	21.8	23.5	22.9	21.4	24.7	21.7

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
E0.2M	634	22.6	22.8	20.2	22.5	21.8	23.5	22.9	21.4	24.7	21.7
	635	20.8	20.3	19.3	20.4	20.1	21.6	21.8	19.9	20.0	19.8
	636	20.8	20.3	19.3	20.4	20.1	21.6	21.8	19.9	20.0	19.8
	637	22.1	22.0		19.6	20.7	22.6	21.5	20.7	21.7	21.4
	638	22.1	22.0		19.6	20.7	22.6	21.5	20.7	21.7	21.4
	639	21.0	20.2	19.4	19.4	20.1	20.4	20.9	19.7	19.8	19.9
	640	21.0	20.2	19.4	19.4	20.1	20.4	20.9	19.7	19.8	19.9
	641	23.2	22.3	21.3	19.9	19.9	22.7	21.2	21.9	20.7	19.0
	642	23.2	22.3	21.3	19.9	19.9	22.7	21.2	21.9	20.7	19.0
	643	20.9	22.0	20.6	18.2	18.5	20.9	21.0	19.1	21.0	19.5
	644	20.9	22.0	20.6	18.2	18.5	20.9	21.0	19.1	21.0	19.5
	645	18.8	18.4	18.2	18.2	17.8	18.3	19.9	17.3	19.5	18.1
	646	18.8	18.4	18.2	18.2	17.8	18.3	19.9	17.3	19.5	18.1
	647	19.7	19.2	18.7	19.4	20.6	18.8	21.0	19.1	20.1	19.8
	648	19.7	19.2	18.7	19.4	20.6	18.8	21.0	19.1	20.1	19.8
	649	23.2	22.6	21.5	21.9	21.7	23.3		21.2	21.9	21.4
	650	23.2	22.6	21.5	21.9	21.7	23.3		21.2	21.9	21.4
	651	21.8	20.6		20.6	21.8	21.8	22.4	21.2	21.4	20.0
	652	21.8	20.6		20.6	21.8	21.8	22.4	21.2	21.4	20.0
	653	20.4	20.0	18.7	18.2	18.5	19.5	19.9	19.8	19.9	21.7
	654	20.4	20.0	18.7	18.2	18.5	19.5	19.9	19.8	19.9	21.7
	655	19.8	19.3	20.2	18.3	19.5	21.7	20.3	18.7	16.4	19.2
	656	19.8	19.3	20.2	18.3	19.5	21.7	20.3	18.7	16.4	19.2
	657	20.4	21.4	20.5	20.8	20.6	21.8	21.4	20.2	16.8	16.9
	658	20.4	21.4	20.5	20.8	20.6	21.8	21.4	20.2	16.8	16.9
	659	19.4	19.4	18.2	18.2	18.0	19.2	20.3	21.2	18.6	19.5

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		77	84	91	119	147	175	203	231	259	287
E0.2M	660	19.4	19.4	18.2	18.2	18.0	19.2	20.3	21.2	18.6	19.5
	661	22.6	19.4	18.7	19.9	22.3	22.6	22.5	21.9	22.3	24.2
	662	22.6	19.4	18.7							
	663	23.7	22.9	21.1	20.6	23.4	22.6	23.6	23.3	23.0	21.3
	664	23.7	22.9	21.1	20.6	23.4	22.6	23.6	23.3	23.0	21.3
	665	19.5	20.4	17.8	18.7	18.7	20.5	19.1	20.0	20.6	18.3
	666	19.5	20.4	17.8	18.7	18.7	20.5	19.1	20.0	20.6	18.3
	667	21.1	21.7	21.6	21.5	20.8	21.9	21.7	17.8	28.1	20.3
	668	21.1	21.7	21.6	21.5	20.8	21.9	21.7	17.8	28.1	20.3
	669	19.3	18.6	18.7	19.2	18.9	20.1	20.5	17.7	21.1	20.9
	670	19.3	18.6	18.7	19.2	18.9	20.1	20.5	17.7	21.1	20.9
	671	22.3	22.1	21.7	23.4	23.4	23.5	25.3	22.9	23.5	21.5
	672	22.3	22.1	21.7	23.4	23.4	23.5	25.3	22.9	23.5	21.5
	673	19.4	18.7	18.7	18.2	19.4	20.1	19.4	19.7	20.1	20.8
	674	19.4	18.7	18.7	18.2	19.4	20.1	19.4	19.7	20.1	20.8
	675	20.3	20.0	19.2	18.7	19.6	21.4	25.3	23.3	25.1	21.6
	676	20.3	20.0	19.2	18.7	19.6	21.4	25.3	23.3	25.1	21.6
	677	22.7	21.7	21.3	19.3	19.7	20.8	21.4	20.2	20.1	19.1
	678	22.7	21.7	21.3	19.3	19.7	20.8	21.4	20.2	20.1	19.1
	679	21.2	22.1	22.4	21.8	20.2	22.5	22.8	18.9	25.5	21.8
	680	21.2	22.1	22.4	21.8	20.2	22.5	22.8	18.9		
E2M	721	18.9	19.7	18.9	19.3	19.9	19.4	19.8	20.5	22.0	19.9
	722	18.9	19.7	18.9	19.3	19.9	19.4	19.8	20.5	22.0	19.9
	723	21.9	21.8	21.8	20.1	22.4	20.7	24.6	22.6	23.4	22.9
	724	21.9	21.8	21.8	20.1	22.4	20.7	24.6	22.6	23.4	22.9
	725	19.9	19.7	19.0	18.4	20.3	20.2	20.2	21.7	22.2	22.4

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		77	84	91	119	147	175	203	231	259	287
E2M	726	19.9	19.7	19.0	18.4	20.3	20.2	20.2	21.7	22.2	22.4
	727		27.2	27.1	23.1	27.2	24.5	26.9	29.1	24.0	24.5
	728		27.2	27.1	23.1	27.2	24.5	26.9	29.1	24.0	24.5
	729	22.6	22.3	20.9	21.1	21.1	21.8	21.0	22.7	20.4	20.6
	730	22.6	22.3	20.9	21.1	21.1	21.8	21.0	22.7	20.4	20.6
	731	26.2	24.3	21.5	22.7	22.9	24.4	25.1	23.6	23.4	22.7
	732	26.2	24.3	21.5	22.7	22.9	24.4	25.1	23.6	23.4	22.7
	733	26.7	24.0	25.9	23.8	24.8	25.3	26.2	22.8	27.2	24.1
	734	26.7	24.0	25.9	23.8	24.8	25.3	26.2	22.8	27.2	24.1
	735	25.5	22.4	21.0	22.8	22.4	22.6	24.8	24.2	24.2	24.3
	736	25.5	22.4	21.0	22.8	22.4	22.6	24.8	24.2	24.2	24.3
	737	22.6	22.8	21.5	21.5	23.1	21.9	22.7	26.9	24.3	23.2
	738	22.6	22.8	21.5	21.5	23.1	21.9	22.7	26.9	24.3	23.2
	739	24.6	21.0	20.4	20.7	23.3	20.5	21.8	20.8	20.2	19.9
	740	24.6	21.0	20.4	20.7	23.3	20.5	21.8	20.8	20.2	19.9
	741	27.3	25.7	23.8	21.2	23.8	25.3		26.8	25.3	25.7
	742	27.3	25.7	23.8	21.2	23.8	25.3		26.8	25.3	25.7
	743	20.2	21.0	21.3	19.6	19.5	21.4	20.1	19.5	20.6	19.5
	744	20.2	21.0	21.3	19.6	19.5	21.4	20.1	19.5	20.6	19.5
	745	21.2	20.1	19.7	20.3	20.5	20.1	21.3	19.4	22.0	20.1
	746	21.2	20.1	19.7	20.3	20.5	20.1	21.3	19.4	22.0	20.1
	747	20.5	20.4	21.6	21.1	22.3	22.7	23.8	22.5	23.6	23.3
	748	20.5	20.4	21.6	21.1	22.3	22.7	23.8	22.5	23.6	23.3
	749	20.4	18.5	19.6	18.3	19.4	19.1	18.5	18.9	18.2	19.0
	750	20.4	18.5	19.6	18.3	19.4	19.1	18.5	18.9	18.2	19.0
	751	23.3	22.7	21.0	21.0	24.5	23.0	22.5	22.7	24.8	22.8

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
E2M	752	23.3	22.7	21.0	21.0	24.5	23.0	22.5	22.7	24.8	22.8
	753	24.3	22.9	22.6	21.5	21.5	22.7	23.9	20.9	22.9	23.2
	754	24.3	22.9	22.6	21.5	21.5	22.7	23.9	20.9	22.9	23.2
	755	19.6	21.7	20.4	19.7	20.0	20.2	20.3	22.2	22.9	20.4
	756	19.6	21.7	20.4	19.7	20.0	20.2	20.3	22.2	22.9	20.4
	757	21.2	20.8	20.2	21.2	22.5	24.4	24.1	21.5	24.3	22.5
	758	21.2	20.8	20.2	21.2	22.5	24.4	24.1	21.5	24.3	22.5
	759	19.3	19.5	19.5	20.2	19.7	20.2	22.1	19.3	21.0	19.9
	760	19.3	19.5	19.5	20.2	19.7	20.2	22.1	19.3	21.0	19.9
	761	20.0	19.3	18.9	19.5	20.4	19.3	19.6	13.6	20.2	22.3
	762	20.0	19.3	18.9	19.5	20.4	19.3	19.6	13.6	20.2	22.3
	763	20.9	21.5	22.8	20.0	21.0	22.2	20.6	21.3	20.4	20.2
	764	20.9	21.5	22.8	20.0	21.0	22.2	20.6	21.3	20.4	20.2
	765	22.1	23.0	21.3	21.0	24.0	24.4	23.3	27.8	26.9	25.6
	766	22.1	23.0	21.3	21.0	24.0	24.4	23.3	27.8	26.9	25.6
	767	23.6	23.4	23.8	22.2	23.0	24.1	25.0	24.0	24.7	23.5
	768	23.6	23.4	23.8	22.2	23.0	24.1	25.0	24.0	24.7	23.5
	769		28.6		20.8	23.1	23.2	26.5	23.3	26.4	25.3
	770		28.6		20.8	23.1	23.2	26.5	23.3	26.4	25.3
	771	26.8	24.9	25.4	22.8	23.4	23.3	23.5	24.2	24.1	23.9
	772	26.8	24.9	25.4	22.8	23.4	23.3	23.5	24.2	24.1	23.9
	773	19.1	18.8	18.2	18.1	20.0	21.3	17.2	21.1	21.6	22.2
	774	19.1	18.8	18.2	18.1	20.0	21.3	17.2	21.1	21.6	22.2
	775	21.3	23.2	22.7	20.0	23.5	22.3	22.4	19.0	18.7	22.2
	776	21.3	23.2	22.7	20.0	23.5	22.3	22.4	19.0	18.7	22.2
	777	20.9	21.8	22.2	18.9	20.8	21.1	20.2	18.2	23.1	20.4

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
E2M	778	20.9	21.8	22.2	18.9	20.8	21.1	20.2	18.2	23.1	20.4
	779	20.3	21.9	23.1	20.9	23.2	21.6	17.8	26.1	23.2	22.1
	780	20.3	21.9	23.1	20.9	23.2	21.6	17.8	26.1	23.2	22.1
E5M	821	19.4	19.3	19.8	18.7	20.0	21.1	22.1	19.8	22.2	22.3
	822	19.4	19.3	19.8	18.7	20.0	21.1	22.1	19.8	22.2	22.3
	823	19.4	19.2	19.3	20.1	19.9	21.2	22.0	19.1	21.5	19.9
	824	19.4	19.2	19.3	20.1	19.9	21.2	22.0	19.1	21.5	19.9
	825	20.2	18.7	19.4	19.5	21.1	21.7	22.3	20.2	22.0	21.9
	826	20.2	18.7	19.4	19.5	21.1	21.7	22.3	20.2	22.0	21.9
	827	20.2	20.2	19.8	19.2	22.1	21.4	21.2	20.6	21.9	23.0
	828	20.2	20.2	19.8	19.2	22.1	21.4	21.2	20.6	21.9	23.0
	829	20.0	19.5	19.3	18.4	20.7	20.8	20.3	20.4	21.7	19.0
	830	20.0	19.5	19.3	18.4	20.7	20.8	20.3	20.4	21.7	19.0
	831	18.8	18.6	17.7	17.2	18.0	21.9	20.3	18.9	20.1	19.8
	832	18.8	18.6	17.7	17.2	18.0	21.9	20.3	18.9	20.1	19.8
	833	18.6	17.8	17.4	19.2	21.3	18.0	20.9	18.5	21.6	18.9
	834	18.6	17.8	17.4	19.2	21.3	18.0	20.9	18.5	21.6	18.9
	835	18.1	16.7	16.5	17.5	17.6	18.3	19.5	16.6	18.9	16.8
	836	18.1	16.7	16.5	17.5	17.6	18.3	19.5	16.6	18.9	16.8
	837		18.2	19.9	19.4	20.4	19.7	19.0	20.1	20.9	20.8
	838		18.2	19.9	19.4	20.4	19.7	19.0	20.1	20.9	20.8
	839	18.5	17.7	17.8	17.6	18.9	18.7	19.1	18.3	18.8	17.9
	840	18.5	17.7	17.8	17.6	18.9	18.7	19.1	18.3	18.8	17.9
	841	24.0	21.2	20.8	20.0	21.2	21.7	22.3	20.1	22.3	19.6
	842	24.0	21.2	20.8	20.0	21.2	21.7	22.3	20.1	22.3	19.6
	843	17.3	18.1	18.0	16.6	18.5	19.8	18.5	17.4	19.7	17.9

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		77	84	91	119	147	175	203	231	259	287
E5M	844	17.3	18.1	18.0	16.6	18.5	19.8	18.5	17.4	19.7	17.9
	845		18.7	18.5	19.0	19.9	21.1	21.6	19.3	21.1	20.1
	846		18.7	18.5	19.0	19.9	21.1	21.6	19.3	21.1	20.1
	847	17.2	17.9	17.9	17.4	18.4	18.2	20.0	18.3	19.3	18.2
	848	17.2	17.9	17.9	17.4	18.4	18.2	20.0	18.3	19.3	18.2
	849	21.0	19.6	19.7	18.3	20.5	21.1	21.0	18.9	19.9	20.5
	850	21.0	19.6	19.7	18.3	20.5	21.1	21.0	18.9	19.9	20.5
	851	20.0	20.0	20.2	18.5	20.0	21.9	19.8	18.2	21.2	20.1
	852	20.0	20.0	20.2	18.5	20.0	21.9	19.8	18.2	21.2	20.1
	853	19.6	18.3	19.0	17.1	19.1	18.5	20.0	18.7	21.8	21.4
	854	19.6	18.3	19.0	17.1	19.1	18.5	20.0	18.7	21.8	21.4
	855	22.4	21.9	21.8	19.0	23.0	24.0	22.5	34.2	25.3	23.7
	856	22.4	21.9	21.8	19.0	23.0	24.0	22.5	34.2	25.3	23.7
	857	19.5	19.1	19.3	20.6	21.5	20.7	22.8	17.6	23.4	21.2
	858	19.5	19.1	19.3	20.6	21.5	20.7	22.8	17.6	23.4	21.2
	859	17.5	19.0	18.6	18.6	19.8	19.6	22.0	19.3	19.9	20.4
	860	17.5	19.0	18.6	18.6	19.8	19.6	22.0	19.3	19.9	20.4
	861	20.5	20.7	20.9	20.0	23.1	23.4	23.6	23.7	23.9	25.0
	862	20.5	20.7	20.9	20.0	23.1	23.4	23.6	23.7	23.9	25.0
	863	20.9	20.0		18.0	20.7	20.4	20.4	19.1	20.9	22.5
	864	20.9	20.0		18.0	20.7	20.4	20.4	19.1	20.9	22.5
	865	19.5	19.9	18.9	18.6	19.4	20.6	21.0	19.8	19.3	19.2
	866	19.5	19.9	18.9	18.6	19.4	20.6	21.0	19.8	19.3	19.2
	867	23.3	23.4	24.2	25.9	27.4	25.6	24.5		28.6	25.0
	868	23.3	23.4	24.2	25.9	27.4	25.6	24.5		28.6	25.0

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		77	84	91	119	147	175	203	231	259	287
E5M	869	17.1	16.6	16.9	16.5	17.9	19.1	19.4	19.1	20.2	19.5
	870	17.1	16.6	16.9	16.5	17.9	19.1	19.4	19.1	20.2	19.5
	871		17.9	17.7	18.3	18.4	18.6	20.0	18.8	19.0	18.9
	872		17.9	17.7	18.3	18.4	18.6	20.0	18.8	19.0	18.9
	873	18.4	18.1	18.2	16.2	19.0	19.1	20.1	12.1	19.9	21.6
	874	18.4	18.1	18.2	16.2	19.0	19.1	20.1	12.1	19.9	21.6
	875	22.7	21.3	20.9	20.1	23.7	22.6	21.7	24.0	24.3	24.0
	876	22.7	21.3	20.9	20.1	23.7	22.6	21.7	24.0	24.3	24.0
	877	23.2	22.0	21.7	21.6	22.3	23.3	22.5	24.5	22.9	23.5
	878	23.2	22.0	21.7	21.6	22.3	23.3	22.5	24.5	22.9	23.5
	879	17.9	19.0	18.7	16.6	18.6	19.9	19.0	18.6	21.2	19.8
	880	17.9	19.0	18.7	16.6	18.6	19.9	19.0	18.6	21.2	19.8

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
CM	121	19.3	20.1	20.5	18.7	20.1	19.3	21.2	20.6	17.5	21.9
	122	19.3	20.1	20.5	18.7	20.1	19.3	21.2	20.6	17.5	21.9
	123										
	124	19.4	23.4	24.7	22.2	20.8	21.5	22.0	21.8	19.8	21.0
	125	24.7	11.0	23.2	22.8	26.0	24.1	21.6	23.7	24.8	23.9
	126	24.7	11.0	23.2	22.8	26.0	24.1	21.6	23.7	24.8	23.9
	127	20.3	21.3	20.2	21.1	21.4	20.9	21.4	21.1	21.4	22.4
	128	20.3	21.3	20.2	21.1	21.4	20.9	21.4	21.1	21.4	22.4
	129	21.7	21.1	23.1	22.5	23.5	23.5	24.2	23.0	23.4	22.6
	130	21.7	21.1	23.1	22.5	23.5	23.5	24.2	23.0	23.4	22.6
	131	15.7	17.1	15.4	18.4	17.0	17.8	17.9	17.5	18.5	17.7
	132	15.7	17.1	15.4	18.4	17.0	17.8	17.9	17.5	18.5	17.7
	133	18.3	20.3	19.3	20.6	20.7	21.3	20.4	20.4	21.4	19.7
	134	18.3	20.3	19.3	20.6	20.7	21.3	20.4	20.4	21.4	19.7
	135	24.5	23.1	25.6	25.5	22.7	23.9	22.8	24.6	23.8	23.6
	136	24.5	23.1	25.6	25.5	22.7	23.9	22.8	24.6	23.8	23.6
	137	19.0	18.8	18.9	21.0	20.4	20.7	19.1	19.1	18.8	20.3
	138	19.0	18.8	18.9	21.0	20.4	20.7	19.1	19.1	18.8	20.3
	139	24.2	23.9	24.0	25.8	23.9	21.4	21.6	19.4	36.1	29.6
	140	24.2	23.9	24.0	25.8	23.9	21.4	21.6	19.4		
	141	20.6	21.2	21.2	21.9	20.7	21.7	21.7	21.4	20.2	21.1
	142	20.6	21.2	21.2	21.9	20.7	21.7	21.7	21.4	20.2	21.1
	143	21.7	22.5	22.3	21.8	21.6	22.7	22.8	21.6	21.1	20.3
	144	21.7	22.5	22.3	21.8	21.6	22.7	22.8	21.6	21.1	20.3
	145	21.8	21.3	22.4	22.8	22.5	20.0	23.3	22.6	23.1	20.5
	146	21.8	21.3	22.4	22.8	22.5	20.0	23.3	22.6	23.1	20.5
	147	22.6	22.0	22.8	22.5	21.5	21.9	21.4	20.6	21.9	20.3

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
CM	148	22.6	22.0	22.8	22.5	21.5	21.9	21.4	20.6	21.9	20.3
	149	20.3	19.9	19.9	22.7	21.7	21.5	23.3	21.8	23.0	21.0
	150	20.3	19.9	19.9	22.7	21.7	21.5	23.3	21.8	23.0	21.0
	151	19.7	19.3	18.9	18.8	21.2	20.2	25.4	19.5	18.8	19.9
	152	19.7	19.3	18.9	18.8	21.2	20.2	25.4	19.5	18.8	19.9
	153	18.6	20.3	21.4	19.8	22.0	22.7	22.3	20.4	19.6	20.0
	154	18.6	20.3	21.4	19.8	22.0	22.7	22.3	20.4	19.6	20.0
	155	18.6	19.8	19.9	19.0	22.6	22.4	21.5	20.4	20.3	20.0
	156	18.6	19.8	19.9	19.0	22.6	22.4	21.5	20.4	20.3	20.0
	157	20.2	19.8	21.0	20.2	22.1	20.6	21.1	22.2	21.4	20.6
	158	20.2	19.8	21.0	20.2	22.1	20.6	21.1	22.2	21.4	20.6
	159	20.4	18.6	21.7	18.6	19.0	19.1	20.5	20.7	21.0	19.0
	160	20.4	18.6	21.7	18.6	19.0	19.1	20.5	20.7	21.0	19.0
	161	22.0	21.3	21.1		27.4	21.5	22.0	22.5	12.0	8.5
	162										
	163	22.6	22.5	23.5	22.7	22.2	22.3	22.6	23.2	21.6	21.2
	164	22.6	22.5	23.5	22.7	22.2	22.3	22.6	23.2	21.6	21.2
	165	20.3	20.7	25.9	23.4	23.6	23.6	25.5	23.0	21.4	23.0
	166	20.3	20.7	25.9	23.4	23.6	23.6	25.5	23.0	21.4	23.0
	167	18.5	19.0	19.4	17.4	19.3	19.3	19.2	18.6	18.2	17.4
	168	18.5	19.0	19.4	17.4	19.3	19.3	19.2	18.6	18.2	17.4
	169	23.5	21.9	22.3	23.0	22.0	22.6	23.8	23.5	23.2	22.8
	170	23.5	21.9	22.3	23.0	22.0	22.6	23.8	23.5	23.2	22.8
	171	22.3	21.2	22.4	20.0	21.2	21.4	21.4	22.0	20.3	20.5
	172	22.3	21.2	22.4	20.0	21.2	21.4	21.4	22.0	20.3	20.5
	173	21.1	20.9	20.7	21.4	21.4	20.9	20.3	20.9	22.5	20.8

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
CM	174	21.1	20.9	20.7	21.4	21.4	20.9	20.3	20.9	22.5	20.8
	175	27.2	24.4	29.0	26.3	26.2	26.6	27.1	25.1	27.1	25.7
	176	27.2	24.4	29.0	26.3	26.2	26.6	27.1	25.1	27.1	25.7
	177	22.0	22.2	22.3	26.3	25.7	26.5	24.9	26.3	24.9	20.7
	178	22.0	22.2	22.3	26.3	25.7	26.5	24.9	26.3	24.9	20.7
	179	24.3	25.1	24.7	26.1	26.9	26.7	25.3	24.9	24.9	23.8
	180	24.3	25.1	24.7	26.1	26.9	26.7	25.3	24.9	24.9	23.8
CBM	201	25.4	20.9	23.1	23.6	23.8	23.2	22.2	23.5	21.8	21.9
	202	25.4	20.9	23.1	23.6	23.8	23.2	22.2	23.5	21.8	21.9
	203	23.0	20.5	22.3	23.4	22.3	22.0	23.3	24.2	21.9	22.2
	204	23.0	20.5	22.3	23.4	22.3	22.0	23.3	24.2	21.9	22.2
	205	22.0	22.1	20.8	22.8	22.0	20.9	21.1	20.9	21.4	21.0
	206	22.0	22.1	20.8	22.8	22.0	20.9	21.1	20.9	21.4	21.0
	207	25.5	23.7	22.7	24.9	22.8	22.0	22.8	21.3	19.5	18.8
	208	25.5	23.7	22.7	24.9	22.8	22.0	22.8	21.3	19.5	18.8
	209	25.2	23.7	22.8	24.1	24.1	23.2	23.4	23.1	21.1	20.3
	210	25.2	23.7	22.8	24.1	24.1	23.2	23.4	23.1	21.1	20.3
	211	23.8	22.1	22.8	22.0	23.0	22.9	21.3	20.9	21.5	21.6
	212	23.8	22.1	22.8	22.0	23.0	22.9	21.3	20.9	21.5	21.6
	213	23.3	20.7	22.8	19.7	23.3	20.5	21.9	21.1	20.7	21.4
	214	23.3	20.7	22.8	19.7	23.3	20.5	21.9	21.1	20.7	21.4
	215	22.4	19.8	22.1	19.8	22.7	22.7	21.6	22.9	22.5	21.2
	216	22.4	19.8	22.1	19.8	22.7	22.7	21.6	22.9	22.5	21.2
	217	21.3	19.2	19.5	20.0	20.9	20.4	19.2	20.1	17.3	18.8
	218	21.3	19.2	19.5	20.0	20.9	20.4	19.2	20.1	17.3	18.8
	219	20.8	19.7	20.5	19.4	21.3	21.2	20.7	20.3	19.7	20.3

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
CBM	220	20.8	19.7	20.5	19.4	21.3	21.2	20.7	20.3	19.7	20.3
	221	20.3	19.6	19.4	19.8	21.1	21.5	20.1	20.7	20.3	20.4
	222	20.3	19.6	19.4	19.8	21.1	21.5	20.1	20.7	20.3	20.4
	223	18.8	19.9	19.2	19.4	19.6	19.5	18.6	18.9	19.5	18.1
	224	18.8	19.9	19.2	19.4	19.6	19.5	18.6	18.9	19.5	18.1
	225	20.7	20.3	21.6	21.1	20.5	20.8	22.0	21.7	21.7	21.5
	226	20.7	20.3	21.6	21.1	20.5	20.8	22.0	21.7	21.7	21.5
	227	21.7	20.8	21.7	20.5	24.1	23.7	21.0	24.0	20.0	22.3
	228	21.7	20.8	21.7	20.5	24.1	23.7	21.0	24.0	20.0	22.3
	229	23.2	21.0	21.3	20.9	20.8	21.7	21.4	24.1	21.7	21.5
	230	23.2	21.0	21.3	20.9	20.8	21.7	21.4	24.1	21.7	21.5
	231	21.8	19.5	19.4	20.2	19.8	20.2	19.3	19.5	18.4	19.2
	232	21.8	19.5	19.4	20.2	19.8	20.2	19.3	19.5	18.4	19.2
	233	23.7	23.0	22.7	22.4	25.7	25.6	24.3	24.2	23.8	23.0
	234	23.7	23.0	22.7	22.4	25.7	25.6	24.3	24.2	23.8	23.0
	235	19.4	19.7	18.0	18.8	20.6	22.2	19.4	18.9	18.9	19.6
	236	19.4	19.7	18.0	18.8	20.6	22.2	19.4	18.9	18.9	19.6
	237	21.7	19.6	23.0	20.4	22.6	21.5	23.4	25.3	21.1	20.0
	238	21.7	19.6	23.0	20.4	22.6	21.5	23.4	25.3	21.1	20.0
	239	22.6	19.6	22.5	22.0	22.5	22.4	23.7	22.0	22.3	21.3
	240	22.6	19.6	22.5	22.0	22.5	22.4	23.7	22.0	22.3	21.3
	241	25.6	23.7	24.6	25.1	25.6	26.0	26.7	26.9	24.9	25.5
	242	25.6	23.7	24.6	25.1	25.6	26.0	26.7	26.9	24.9	25.5
	243	21.8	18.7	19.8	20.3	20.7	20.0	15.1	20.1	19.6	19.9
	244	21.8	18.7	19.8	20.3	20.7	20.0	15.1	20.1	19.6	19.9
	245	21.7	22.4	21.4	20.7	24.6	23.1	21.9	22.2	22.2	21.4

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
CBM	246	21.7	22.4	21.4	20.7	24.6	23.1	21.9	22.2	22.2	21.4
	247	19.9	20.4	22.2	22.4	20.4	21.8	22.8	20.9	22.3	20.4
	248	19.9	20.4	22.2	22.4	20.4	21.8	22.8	20.9	22.3	20.4
	249	24.3	23.2	23.4	23.6	28.1	25.5	24.4	22.7	23.6	23.7
	250	24.3	23.2	23.4	23.6	28.1	25.5	24.4	22.7	23.6	23.7
	251	21.3	19.1	22.0	19.5	20.5	21.7	22.3	21.7	20.6	19.6
	252	21.3	19.1	22.0	19.5	20.5	21.7	22.3	21.7	20.6	19.6
	253	23.0	19.6	20.3	23.9	21.9	21.3	19.6	20.8	20.0	20.1
	254										
	255										
	256	26.2	27.3	23.4	23.5	25.0	20.2	25.8	22.0	24.8	24.8
	257	27.6	27.4	26.7	26.7	30.2	27.1	28.4	28.4	23.5	25.2
	258	27.6	27.4	26.7	26.7	30.2	27.1	28.4	28.4	23.5	25.2
	259	21.3	18.8	17.3	20.8	25.9	27.3	24.7	25.1	23.7	25.5
	260	21.3	18.8	17.3							
B0.2M	321	23.6	19.6	23.5	21.7	22.8	24.1	20.6	20.8	20.3	21.7
	322	23.6	19.6	23.5	21.7	22.8	24.1	20.6	20.8	20.3	21.7
	323	19.5	17.6	20.7	19.9	18.7	19.7	18.7	19.6	19.1	18.8
	324	19.5	17.6	20.7	19.9	18.7	19.7	18.7	19.6	19.1	18.8
	325	23.1	21.4	22.6	23.8	16.0	22.2	22.0	22.9	22.7	22.0
	326	23.1	21.4	22.6	23.8	16.0	22.2	22.0	22.9	22.7	22.0
	327	21.9	19.2	21.9	19.7	25.5	23.4	21.9	20.4	21.1	21.8
	328	21.9	19.2	21.9	19.7	25.5	23.4	21.9	20.4	21.1	21.8
	329	24.2	21.3	23.3	22.9	26.0	23.0	22.5	21.7	21.5	21.8
	330	24.2	21.3	23.3	22.9	26.0	23.0	22.5	21.7	21.5	21.8
	331	26.2	21.9	22.6	22.2	25.6	25.0	21.1	19.1	24.1	23.4

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B0.2M	332	26.2	21.9	22.6	22.2	25.6	25.0	21.1	19.1		
	333	22.4	19.9	23.8	22.2	23.0	23.9	25.3	24.9	25.4	24.8
	334	22.4	19.9	23.8	22.2	23.0	23.9	25.3	24.9	25.4	24.8
	335	21.2	18.5	20.6	19.5	19.3	20.2	20.9	20.4	19.5	20.3
	336	21.2	18.5	20.6	19.5	19.3	20.2	20.9	20.4	19.5	20.3
	337	21.0	20.4	20.7	21.6	21.1	22.4	22.3	22.7	22.7	21.9
	338	21.0	20.4	20.7	21.6	21.1	22.4	22.3	22.7	22.7	21.9
	339	21.1	17.7	19.8	19.0	20.5	19.8	17.9	21.2	18.2	18.5
	340	21.1	17.7	19.8	19.0	20.5	19.8	17.9	21.2	18.2	18.5
	341	20.3	16.8	19.4	17.5	20.4	19.6	19.1	17.6	18.3	19.4
	342	20.3	16.8	19.4	17.5	20.4	19.6	19.1	17.6	18.3	19.4
	343	23.9	20.8	23.6	19.4	23.4	23.2	22.8	21.9	23.9	21.8
	344	23.9	20.8	23.6	19.4	23.4	23.2	22.8	21.9	23.9	21.8
	345	21.9	18.9	22.6	20.4	21.8	21.9	21.7	22.1	21.1	22.0
	346	21.9	18.9	22.6	20.4	21.8	21.9	21.7	22.1	21.1	22.0
	347	20.7	19.7	20.9	20.6	20.4	21.9	20.9	20.8	21.8	20.1
	348	20.7	19.7	20.9	20.6	20.4	21.9	20.9	20.8	21.8	20.1
	349	23.1	21.3	22.3	23.3	23.1	23.4	23.5	21.3	29.0	22.3
	350	23.1	21.3	22.3	23.3	23.1	23.4	23.5	21.3	29.0	22.3
	351	24.5	22.8	22.5	23.2	25.3	25.1	23.6	24.0	25.5	42.8
	352	24.5	22.8	22.5	23.2	25.3	25.1	23.6	24.0	25.5	42.8
	353	22.4	20.7	21.2	20.1	24.0	22.0	22.1	21.5	20.9	20.3
	354	22.4	20.7	21.2	20.1	24.0	22.0	22.1	21.5	20.9	20.3
	355	26.0	26.1	26.7	27.9	33.3	26.5	26.3	26.2	30.5	26.7
	356	26.0	26.1	26.7	27.9	33.3	26.5	26.3	26.2	30.5	26.7
	357	22.1	18.5	20.7	19.3	21.3	21.2	20.9	21.4	18.4	19.5

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B0.2M	358	22.1	18.5	20.7	19.3	21.3	21.2	20.9	21.4	18.4	19.5
	359	28.0	23.5	24.7	24.9	26.4	24.1	25.5	24.7	25.3	23.4
	360	28.0	23.5	24.7	24.9	26.4	24.1	25.5	24.7	25.3	23.4
	361	24.1	21.3	23.4	23.1	21.0	21.4	20.8	25.5	20.1	21.6
	362	24.1	21.3	23.4	23.1	21.0	21.4	20.8	25.5	20.1	21.6
	363	22.8	16.9	18.2							
	364	22.8	16.9	18.2	21.5	23.2	25.0	23.0	27.9	25.1	24.8
	365	24.5	22.3	21.0	22.1	23.7	23.1	21.9	23.0	21.4	20.3
	366	24.5	22.3	21.0	22.1	23.7	23.1	21.9	23.0	21.4	20.3
	367	24.9	24.3	23.4	22.1	25.8	26.4	25.4	24.3	23.8	20.7
	368	24.9	24.3	23.4	22.1	25.8	26.4	25.4	24.3	23.8	20.7
	369	24.6	20.8	21.7	22.1	23.1	22.7	22.7	23.3	22.6	22.5
	370	24.6	20.8	21.7	22.1	23.1	22.7	22.7	23.3	22.6	22.5
	371	23.0	20.8	21.4	22.4	24.7	23.1	25.2	24.7	22.1	24.0
	372	23.0	20.8	21.4	22.4	24.7	23.1	25.2	24.7	22.1	24.0
	373	26.8	22.2	23.7	24.2	22.6	21.5	23.0	21.4	21.3	22.4
	374	26.8	22.2	23.7	24.2	22.6	21.5	23.0	21.4	21.3	22.4
	375	21.4	23.7	23.6	24.1	25.2	23.4	23.8	23.9	23.9	23.6
	376	21.4	23.7	23.6	24.1	25.2	23.4	23.8	23.9	23.9	23.6
	377	29.3	24.2	26.2	24.1	26.6	25.1	25.3	23.4	21.8	21.9
	378	29.3	24.2	26.2	24.1	26.6	25.1	25.3	23.4	21.8	21.9
	379	22.5	23.0	22.1	22.6	25.2	22.4	14.8	24.5	22.2	20.9
	380	22.5	23.0	22.1	22.6	25.2	22.4	14.8	24.5	22.2	20.9
B2M	421	20.8	19.6	22.0	20.3	20.6	19.7	18.0	21.8	22.6	20.0
	422	20.8	19.6	22.0	20.3	20.6	19.7	18.0	21.8	22.6	20.0
	423	18.8	19.3	24.8	22.5	23.6	23.3	4.3	18.1	24.5	22.7

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B2M	424	18.8	19.3								
	425	28.7	24.7	27.1	25.3	30.0	25.3	25.7	26.3	24.4	25.1
	426	28.7	24.7	27.1	25.3	30.0	25.3	25.7	26.3	24.4	25.1
	427	26.4	23.1	23.7	23.9	25.3	26.0	23.6	28.6	25.0	23.6
	428	26.4	23.1	23.7	23.9	25.3	26.0	23.6	28.6	25.0	23.6
	429	18.6	18.6	19.7	19.0	20.3	20.3	37.3	19.8	20.3	20.1
	430	18.6	18.6	19.7	19.0	20.3	20.3	37.3	19.8	20.3	20.1
	431	20.2	19.1	21.0	21.7	22.4	21.2	14.7	25.4	22.3	22.4
	432	20.2	19.1	21.0	21.7	22.4	21.2	14.7	25.4	22.3	22.4
	433	21.1	20.4	21.6	22.1	21.1	21.9	24.3	23.6	25.9	21.2
	434	21.1	20.4	21.6	22.1	21.1	21.9	24.3	23.6	25.9	21.2
	435	22.5	21.3	23.9	22.3	22.1	22.4	22.6	21.0	18.0	17.3
	436	22.5	21.3	23.9	22.3	22.1	22.4	22.6	21.0	18.0	17.3
	437	22.2	20.5	20.0	17.9	19.9	19.9	20.2	18.9	19.6	19.5
	438	22.2	20.5	20.0	17.9	19.9	19.9	20.2	18.9	19.6	19.5
	439	21.8	21.5	23.2	22.7	24.2	21.6	23.4	22.5	21.1	20.8
	440	21.8	21.5	23.2	22.7	24.2	21.6	23.4	22.5	21.1	20.8
	441	17.9	17.9	17.6	19.7	19.8	19.8	18.5	18.5	18.6	18.0
	442	17.9	17.9	17.6	19.7	19.8	19.8	18.5	18.5	18.6	18.0
	443	21.7	22.0	22.7	22.1	24.4	23.5	22.9	26.5	20.9	21.2
	444	21.7	22.0	22.7	22.1	24.4	23.5	22.9	26.5	20.9	21.2
	445										
	446	24.2	24.0	25.9	26.8	25.1	10.1	27.7	27.4	26.7	26.3
	447	24.5	22.4	28.5	24.5	23.8	23.9	26.4	29.7	23.2	23.7
	448	24.5	22.4	28.5	24.5	23.8	23.9	26.4	29.7	23.2	23.7
	449	22.0	21.0	21.1	22.4	22.1	20.9	21.0	22.2	21.7	21.1

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B2M	450	22.0	21.0	21.1	22.4	22.1	20.9	21.0	22.2	21.7	21.1
	451	23.8	21.7	22.1	24.3	24.0	22.8	23.2	23.6	24.5	24.5
	452	23.8	21.7	22.1	24.3	24.0	22.8	23.2	23.6	24.5	24.5
	453	21.5	20.1	21.2	22.5	25.9	22.3	25.6	25.1	26.0	22.3
	454	21.5	20.1	21.2	22.5	25.9	22.3	25.6	25.1	26.0	22.3
	455	20.3	20.7	20.5	19.5	22.6	21.8	21.4	21.9	20.3	20.1
	456	20.3	20.7	20.5	19.5	22.6	21.8	21.4	21.9	20.3	20.1
	457	24.0	21.6	23.9	22.0	21.1	21.4	23.4	24.1	25.2	22.9
	458	24.0	21.6	23.9	22.0	21.1	21.4	23.4	24.1	25.2	22.9
	459	21.3	19.9	20.1	21.9	20.8	20.8	22.9	22.8	21.3	21.5
	460	21.3	19.9	20.1	21.9	20.8	20.8	22.9	22.8	21.3	21.5
	461	24.0	21.4	23.0	24.6	24.4	24.2	25.0	25.7	24.2	24.9
	462	24.0	21.4	23.0	24.6	24.4	24.2	25.0	25.7	24.2	24.9
	463	23.5	20.3	20.9	22.2	24.1	21.3	22.5	20.7	21.6	19.9
	464	23.5	20.3	20.9	22.2	24.1	21.3	22.5	20.7	21.6	19.9
	465	21.5	21.6	20.5	20.6	21.2	21.4	21.2	21.4	19.2	19.4
	466	21.5	21.6	20.5	20.6	21.2	21.4	21.2	21.4	19.2	19.4
	467	23.7	24.5	20.6	23.6	24.1	23.1	23.3	22.5	22.4	22.6
	468	23.7	24.5	20.6	23.6	24.1	23.1	23.3	22.5	22.4	22.6
	469	28.8	24.7	26.1	23.2	27.2	25.5	29.7	27.8	24.7	24.2
	470	28.8	24.7	26.1	23.2	27.2	25.5	29.7	27.8	24.7	24.2
	471										
	472	22.4	20.8	24.0	21.8	21.9	20.6	18.7	18.3	13.5	13.7
	473	23.9	21.3	24.3	23.3	23.3	21.7	22.0	21.2	21.6	21.2
	474	23.9	21.3	24.3	23.3	23.3	21.7	22.0	21.2	21.6	21.2
	475	28.0	24.6	25.3	24.1	23.4	21.5	23.4	27.1	27.2	25.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B2M	476	28.0	24.6	25.3	24.1	23.4	21.5	23.4	27.1	27.2	25.6
	477	18.0	22.3	23.7	22.6	21.3	21.2	23.8	21.4	23.0	22.4
	478	18.0	22.3	23.7	22.6	21.3	21.2	23.8	21.4	23.0	22.4
	479	22.2	21.9	23.7	22.3	25.8	24.7	23.6	26.4	24.8	23.2
	480	22.2	21.9	23.7	22.3	25.8	24.7	23.6	26.4	24.8	23.2
B5M	521	18.2	20.9	20.0	19.2	21.0	20.0	19.6	20.9	19.8	20.1
	522	18.2	20.9	20.0	19.2	21.0	20.0	19.6	20.9	19.8	20.1
	523	21.2	20.0	21.4	21.3	22.9	24.5	24.7	23.2	22.9	22.8
	524	21.2	20.0	21.4	21.3	22.9	24.5	24.7	23.2	22.9	22.8
	525	17.3	18.5	19.2	18.6	17.5	17.8	17.8	17.6	19.0	19.3
	526	17.3	18.5	19.2	18.6	17.5	17.8	17.8	17.6	19.0	19.3
	527	22.4	22.4	21.6	24.2	21.5	21.4	26.6	21.0	25.1	22.6
	528	22.4	22.4	21.6	24.2	21.5	21.4	26.6	21.0	25.1	22.6
	529	21.0	19.3	20.2	22.4	22.1	21.7	19.2	20.1	20.3	19.1
	530	21.0	19.3	20.2	22.4	22.1	21.7	19.2	20.1	20.3	19.1
	531	20.2	19.9	21.1	21.9	24.2	23.5	26.9	29.1	38.0	22.9
	532	20.2	19.9	21.1	21.9	24.2	23.5	26.9	29.1	38.0	22.9
	533	19.6	19.2	18.8	19.5	19.9	19.5	18.2	18.7	18.0	18.3
	534	19.6	19.2	18.8	19.5	19.9	19.5	18.2	18.7	18.0	18.3
	535	20.4	18.2	20.3	22.9	19.8	19.2	19.8	20.1	21.2	21.4
	536	20.4	18.2	20.3	22.9	19.8	19.2	19.8	20.1	21.2	21.4
	537	19.0	18.5	21.2	20.5	21.8	19.8	20.6	20.4	22.1	20.7
	538	19.0	18.5	21.2	20.5	21.8	19.8	20.6	20.4	22.1	20.7
	539	22.1	19.5	21.1	22.7	22.9	22.3	21.1	22.5	21.4	19.4
	540	22.1	19.5	21.1	22.7	22.9	22.3	21.1	22.5	21.4	19.4
	541	22.9	21.8	21.9	23.7	22.3	22.7	23.2	23.3	23.8	21.3

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B5M	542	22.9	21.8	21.9	23.7	22.3	22.7	23.2	23.3	23.8	21.3
	543	23.2	23.7	24.9	23.4	25.5	24.9	25.5	25.0	23.8	23.8
	544	23.2	23.7	24.9	23.4	25.5	24.9	25.5	25.0	23.8	23.8
	545	20.1	19.9	21.2	20.8	21.1	21.4	19.2	20.0	20.0	18.7
	546	20.1	19.9	21.2	20.8	21.1	21.4	19.2	20.0	20.0	18.7
	547	20.0	18.6	22.9	20.7	22.3	21.0	20.0	22.7	21.9	20.8
	548	20.0	18.6	22.9	20.7	22.3	21.0	20.0	22.7	21.9	20.8
	549	24.8	21.5	25.7	24.1	33.6	27.8	26.0	27.2	27.0	23.6
	550	24.8	21.5	25.7	24.1	33.6	27.8	26.0	27.2	27.0	23.6
	551	24.5	23.3	24.1	21.9	25.5	23.0	24.4	23.3	23.5	22.8
	552	24.5	23.3	24.1	21.9	25.5	23.0	24.4	23.3	23.5	22.8
	553	23.0	21.6	22.2	23.1	26.6	26.7	25.4	27.1	26.1	23.6
	554	23.0	21.6	22.2	23.1	26.6	26.7	25.4	27.1	26.1	23.6
	555	21.1	18.0	20.1	20.1	23.7	22.1	23.0	23.4	23.3	21.4
	556	21.1	18.0	20.1	20.1	23.7	22.1	23.0	23.4	23.3	21.4
	557	19.6	19.0	17.7	20.0	19.9	19.7	20.9	16.6	20.0	19.9
	558	19.6	19.0	17.7	20.0	19.9	19.7	20.9	16.6	20.0	19.9
	559	22.9	21.7	23.5	21.8	22.8	22.7	23.7	23.6	23.8	20.4
	560	22.9	21.7	23.5	21.8	22.8	22.7	23.7	23.6	23.8	20.4
	561	22.2	22.1	23.0	21.9	23.1	22.4	28.6	24.3	25.0	23.1
	562	22.2	22.1	23.0	21.9	23.1	22.4	28.6	24.3	25.0	23.1
	563	20.0	18.6	20.6	20.3	20.7	19.8	20.8	20.5	21.2	19.4
	564	20.0	18.6	20.6	20.3	20.7	19.8	20.8	20.5	21.2	19.4
	565	23.4	20.7	21.3	21.3	23.1	22.1	22.2	20.9	21.8	21.4
	566	23.4	20.7	21.3	21.3	23.1	22.1	22.2	20.9	21.8	21.4
	567	22.5	21.6	22.0	21.8	21.5	22.0	22.6	28.3	23.8	22.9

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B5M	568	22.5	21.6	22.0	21.8	21.5	22.0	22.6	28.3	23.8	22.9
	569	22.3	22.7	23.3	22.8	24.0	24.0	22.6	25.9	23.5	22.1
	570	22.3	22.7	23.3	22.8	24.0	24.0	22.6	25.9	23.5	22.1
	571	20.3	20.5	23.2	21.0	21.3	21.1	14.3	22.9	20.8	19.9
	572	20.3	20.5	23.2	21.0	21.3	21.1	14.3	22.9	20.8	19.9
	573	21.2	19.6	22.4	22.4	24.8	22.4	23.9	24.6	21.3	19.9
	574	21.2	19.6	22.4	22.4	24.8	22.4	23.9	24.6	21.3	19.9
	575	20.3	20.5	22.0	20.4	24.3	23.8	21.2	21.5	24.6	18.8
	576	20.3	20.5	22.0	20.4	24.3	23.8	21.2	21.5	24.6	18.8
	577	22.2	21.7	22.8	22.8	23.8	22.0	26.5	22.2	22.6	21.0
	578	22.2	21.7	22.8	22.8	23.8	22.0	26.5	22.2	22.6	21.0
	579	22.5	22.7	24.7	23.1	25.1	25.4	23.9	23.5	23.7	24.8
	580	22.5	22.7	24.7	23.1	25.1	25.4	23.9	23.5	23.7	24.8
E0.2M	621	25.0	23.6	23.5	24.1	25.6	22.3	29.3	23.8	32.7	22.9
	622	25.0	23.6	23.5	24.1	25.6	22.3	29.3	23.8	32.7	22.9
	623	23.9	22.6	24.9	24.8	23.7	23.5	24.2	26.1	30.5	24.3
	624	23.9	22.6	24.9	24.8	23.7	23.5	24.2	26.1	30.5	24.3
	625	22.8	23.4	27.0	25.5	25.5	23.6	23.5	22.2	22.8	19.0
	626	22.8	23.4	27.0	25.5	25.5	23.6	23.5	22.2	22.8	19.0
	627	20.2	20.4	22.5	20.9	20.0	20.7	20.2	21.1	21.2	20.3
	628	20.2	20.4	22.5	20.9	20.0	20.7	20.2	21.1	21.2	20.3
	629	21.9	22.5	22.1	22.4	22.8	22.4	22.6	21.5	22.3	22.7
	630	21.9	22.5	22.1	22.4	22.8	22.4	22.6	21.5	22.3	22.7
	631	20.2	20.4	20.7	20.0	21.4	20.9	21.1	20.8	21.5	20.2
	632	20.2	20.4	20.7	20.0	21.4	20.9	21.1	20.8	21.5	20.2
	633	22.0	21.4	24.2	22.6	23.6	22.1	23.1	23.0	23.8	23.7

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
E0.2M	634	22.0	21.4	24.2	22.6	23.6	22.1	23.1	23.0	23.8	23.7
	635	19.9	18.3	20.1	20.5	19.0	18.5	19.8	21.0	19.5	19.9
	636	19.9	18.3	20.1	20.5	19.0	18.5	19.8	21.0	19.5	19.9
	637	21.0	18.6	21.2	20.8	22.1	20.8	22.7	22.4	23.8	20.8
	638	21.0	18.6	21.2	20.8	22.1	20.8	22.7	22.4	23.8	20.8
	639	19.2	20.1	20.2	19.7	19.5	19.8	17.5	17.7	21.2	19.5
	640	19.2	20.1	20.2	19.7	19.5	19.8	17.5	17.7	21.2	19.5
	641	22.4	20.9	21.8	22.8	24.1	20.7	20.9	24.1	20.7	21.9
	642	22.4	20.9	21.8	22.8	24.1	20.7	20.9	24.1	20.7	21.9
	643	19.6	19.1	21.0	19.5	19.3	19.3	20.0	18.6	20.8	18.8
	644	19.6	19.1	21.0	19.5	19.3	19.3	20.0	18.6	20.8	18.8
	645	17.9	16.1	18.4	14.9	15.4	14.1	16.5	15.3	16.1	15.9
	646	17.9	16.1	18.4	14.9						
	647	21.3	19.7	22.2	20.2	20.4	19.0	19.7	20.2	21.4	19.7
	648	21.3	19.7	22.2	20.2	20.4	19.0	19.7	20.2	21.4	19.7
	649	21.3	21.8	22.6	20.3	21.7	21.1	24.4	22.9	21.2	20.7
	650	21.3	21.8	22.6	20.3	21.7	21.1	24.4	22.9	21.2	20.7
	651	19.4	21.2	20.8	20.7	21.0	21.2	24.9	21.3	22.3	21.2
	652	19.4	21.2	20.8	20.7	21.0	21.2	24.9	21.3	22.3	21.2
	653	20.3	20.6	19.9	20.8	19.7	19.6	20.2	20.5	21.8	20.8
	654	20.3	20.6	19.9	20.8	19.7	19.6	20.2	20.5	21.8	20.8
	655	17.8	18.6	21.3	19.3	13.9	20.6	19.0	19.5	18.0	19.0
	656	17.8	18.6	21.3	19.3	13.9	20.6	19.0	19.5	18.0	19.0
	657	21.0	20.6	23.2	18.5	22.5	21.9	21.8	22.6	22.2	22.0
	658	21.0	20.6	23.2	18.5	22.5	21.9	21.8	22.6	22.2	22.0
	659	19.8	18.3	20.5	17.8	19.8	19.9	20.0	21.2	20.2	20.9

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		315	343	371	399	423	427	451	455	479	483
E0.2M	660	19.8	18.3	20.5	17.8	19.8	19.9	20.0	21.2	20.2	20.9
	661	23.0	21.8	28.8	22.9	25.2	24.9	24.4	24.0	26.0	25.8
	662										
	663	22.5	22.0	22.8	22.6	23.2	22.8	20.2	21.3	24.5	23.6
	664	22.5	22.0	22.8	22.6	23.2	22.8	20.2	21.3	24.5	23.6
	665	19.2	19.8	19.7	18.9	39.5	18.6	17.8	18.1	18.6	19.2
	666	19.2	19.8	19.7	18.9	39.5	18.6	17.8	18.1	18.6	19.2
	667	21.9	17.7	21.7	21.3	20.5	20.1	21.5	22.3	24.3	21.7
	668	21.9	17.7	21.7	21.3	20.5	20.1	21.5	22.3	24.3	21.7
	669	20.8	19.3	20.9	18.7	21.7	22.6	21.9	20.9	20.2	19.9
	670	20.8	19.3	20.9	18.7	21.7	22.6	21.9	20.9	20.2	19.9
	671	23.6	22.6	23.7	22.5	23.8	23.2	23.8	23.4	23.7	23.5
	672	23.6	22.6	23.7	22.5	23.8	23.2	23.8	23.4	23.7	23.5
	673	20.7	22.5	22.6	20.5	20.9	21.1	19.0	18.1	22.5	20.7
	674	20.7	22.5	22.6	20.5	20.9	21.1	19.0	18.1	22.5	20.7
	675	26.4	23.0	25.1	22.0	14.8	15.5				
	676	26.4	23.0	25.1	22.0	14.8	15.5	21.9	20.3	25.4	24.8
	677	21.2	18.4	21.0	19.7	22.5	21.7	20.5	16.6	25.4	21.4
	678	21.2	18.4	21.0	19.7	22.5	21.7	20.5	16.6	25.4	21.4
	679	24.3	23.3	24.0	23.5	24.2	25.8	23.2	26.3	22.9	24.5
	680										
E2M	721	19.9	19.9	21.3	19.7	19.0	20.2	20.8	20.8	21.1	20.2
	722	19.9	19.9	21.3	19.7	19.0	20.2	20.8	20.8	21.1	20.2
	723	22.1	20.3	21.3	20.9	20.9	20.0	25.1	20.4	22.0	20.8
	724	22.1	20.3	21.3	20.9	20.9	20.0	25.1	20.4	22.0	20.8
	725	21.9	20.9	22.4	21.1	23.6	23.5	25.0	21.4	23.0	23.2

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
E2M	726	21.9	20.9	22.4	21.1	23.6	23.5	25.0	21.4	23.0	23.2
	727	24.1	20.1	25.1	24.3	26.6	24.3	25.3	24.8	23.3	24.5
	728	24.1	20.1	25.1	24.3	26.6	24.3	25.3	24.8	23.3	24.5
	729	21.9	26.1	21.2	18.8	21.6	22.2	22.7	21.9	21.9	20.2
	730	21.9	26.1	21.2	18.8	21.6	22.2	22.7	21.9	21.9	20.2
	731	22.4	22.4	23.3	22.0	23.2	24.0	22.2	23.1	20.9	20.8
	732	22.4	22.4	23.3	22.0	23.2	24.0	22.2	23.1	20.9	20.8
	733	25.5	25.4	24.4	22.7	23.2	24.0	24.1	22.4	23.6	23.0
	734	25.5	25.4	24.4	22.7	23.2	24.0	24.1	22.4	23.6	23.0
	735	22.6	23.9	24.3	26.2	23.4	23.0	25.5	24.6	23.6	23.2
	736	22.6	23.9	24.3	26.2	23.4	23.0	25.5	24.6	23.6	23.2
	737	23.7	22.8	23.7	21.4	21.5	22.0	24.7	25.9	22.0	21.9
	738	23.7	22.8	23.7	21.4	21.5	22.0	24.7	25.9	22.0	21.9
	739	21.0	18.6	20.1	18.6	23.4	17.4	21.4	19.4	20.1	18.7
	740	21.0	18.6	20.1	18.6	23.4	17.4	21.4	19.4	20.1	18.7
	741	28.8	25.5	26.4	25.8	28.8	25.5	26.6	23.6	19.0	20.4
	742	28.8	25.5	26.4	25.8	28.8	25.5	26.6	23.6	19.0	20.4
	743	19.2	19.8	20.1	19.6	19.4	19.0	17.6	17.5	26.9	25.5
	744	19.2	19.8	20.1	19.6	19.4	19.0	17.6	17.5	26.9	25.5
	745	19.7	19.9	20.0	19.4	19.5	19.3	18.9	19.2	21.4	19.1
	746	19.7	19.9	20.0	19.4	19.5	19.3	18.9	19.2	21.4	19.1
	747	23.6	24.5	26.9	25.1	24.3	26.4	26.4	27.0	22.0	22.0
	748	23.6	24.5	26.9	25.1	24.3	26.4	26.4	27.0	22.0	22.0
	749	18.8	17.7	18.6	18.6	17.4	17.7	18.4	18.7	17.4	17.9
	750	18.8	17.7	18.6	18.6	17.4	17.7	18.4	18.7	17.4	17.9
	751	24.3	23.9	24.1	22.1	23.6	22.6	23.0	26.1	11.9	20.7

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
E2M	752	24.3	23.9	24.1	22.1	23.6	22.6	23.0	26.1	11.9	20.7
	753	22.0	22.9	22.5	23.7	27.1	24.3	25.8	24.4	22.7	23.0
	754	22.0	22.9	22.5	23.7	27.1	24.3	25.8	24.4	22.7	23.0
	755	21.4	21.5	21.1	22.7	21.2	21.8	25.8	20.4	23.4	21.9
	756	21.4	21.5	21.1	22.7	21.2	21.8	25.8	20.4	23.4	21.9
	757	22.1	23.5	21.8	21.6	21.7	17.7	24.1	22.7	24.1	21.5
	758	22.1	23.5	21.8	21.6	21.7	17.7	24.1	22.7	24.1	21.5
	759	20.8	20.4	21.3	20.4	20.7	20.9	20.9	21.2	19.5	19.4
	760	20.8	20.4	21.3	20.4	20.7	20.9	20.9	21.2	19.5	19.4
	761	19.7	20.5	21.0	22.0	22.0	21.5	21.1	25.6	22.9	20.9
	762	19.7	20.5	21.0	22.0	22.0	21.5	21.1	25.6	22.9	20.9
	763	23.4	21.2	20.4	21.8	21.9	22.0	24.2	20.4	23.7	21.1
	764	23.4	21.2	20.4	21.8	21.9	22.0	24.2	20.4	23.7	21.1
	765	25.1	24.1	21.3	25.9	22.3	26.2	25.8	23.0	21.8	23.4
	766	25.1	24.1	21.3	25.9	22.3	26.2	25.8	23.0	21.8	23.4
	767	23.3	24.9	24.7	24.7	26.1	22.4	25.5	21.7	15.7	
	768	23.3	24.9	24.7	24.7	26.1	22.4	25.5	21.7	15.7	49.8
	769	24.3	24.3	26.5	23.6	24.7	22.3	26.1	26.0	25.4	22.5
	770	24.3	24.3	26.5	23.6	24.7	22.3	26.1	26.0	25.4	22.5
	771	23.2	22.9	23.5	20.9	22.9	22.5	23.4	23.2	22.3	21.4
	772	23.2	22.9	23.5	20.9	22.9	22.5	23.4	23.2	22.3	21.4
	773	20.8	20.0	22.8	22.0	21.6	21.0	22.0	21.6	21.9	21.8
	774	20.8	20.0	22.8	22.0	21.6	21.0	22.0	21.6	21.9	21.8
	775	23.0	22.6	24.6	21.3	18.6	21.6	21.0	22.2	22.5	20.6
	776	23.0	22.6	24.6	21.3	18.6	21.6	21.0	22.2	22.5	20.6
	777	23.8	22.2	24.2	22.6	24.6	22.4	25.0	23.3	26.0	21.2

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
E5M	778	23.8	22.2	24.2	22.6	24.6	22.4	25.0	23.3	26.0	21.2
	779	20.6	21.7	23.2	23.2	25.2	22.3	25.4	22.9	25.9	22.1
	780	20.6	21.7	23.2	23.2	25.2	22.3	25.4	22.9	25.9	22.1
	821	21.8	22.8	20.0	23.0	21.8	22.3	24.1	23.4	24.2	23.4
	822	21.8	22.8	20.0	23.0	21.8	22.3	24.1	23.4	24.2	23.4
	823	23.1	23.8	23.3	22.0	24.4	23.0	24.9	24.0	21.8	25.4
	824	23.1	23.8	23.3	22.0	24.4	23.0	24.9	24.0	21.8	25.4
	825	22.0	20.4	21.9	21.4	24.1	24.2	24.1	23.2	22.6	22.2
	826	22.0	20.4	21.9	21.4	24.1	24.2	24.1	23.2	22.6	22.2
	827	23.5	22.5	24.7	25.1	22.7	23.7	26.2	24.1	26.7	24.7
	828	23.5	22.5	24.7	25.1	22.7	23.7	26.2	24.1	26.7	24.7
	829	21.6	19.6	19.9							
	830	21.6	19.6	19.9	20.6	23.6	21.3	19.6	21.0	19.3	18.3
	831	19.7	20.0	19.0	19.9	21.7	21.8	22.3	22.7	19.7	18.7
	832	19.7	20.0	19.0	19.9	21.7	21.8	22.3	22.7	19.7	18.7
	833	21.1	21.6	21.9	20.9	24.0	20.9	24.4	21.6	22.2	21.5
	834	21.1	21.6	21.9	20.9	24.0	20.9	24.4	21.6	22.2	21.5
	835	17.3	16.0	18.9	19.2	18.1	17.6	18.7	17.5	19.0	19.4
	836	17.3	16.0	18.9	19.2	18.1	17.6	18.7	17.5	19.0	19.4
	837	20.9	19.5	21.0	20.3	22.1	18.3	24.7	8.3	23.0	21.2
	838	20.9	19.5	21.0	20.3	22.1	18.3	24.7	8.3	23.0	21.2
	839	19.2	17.8	19.3	19.2	18.5	22.2	18.7	18.2	19.5	18.9
	840	19.2	17.8	19.3	19.2	18.5	22.2	18.7	18.2	19.5	18.9
	841	22.5	21.1	21.7	20.4	23.9	21.3	21.7	22.1	22.4	22.0
	842	22.5	21.1	21.7	20.4	23.9	21.3	21.7	22.1	22.4	22.0
	843	20.5	20.8	21.6	21.3	24.5	24.9	21.3	25.5	22.7	21.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
E5M	844	20.5	20.8	21.6	21.3	24.5	24.9	21.3	25.5	22.7	21.6
	845	20.5	21.0	21.4	21.1	22.6	21.5	9.9	22.7	22.2	21.3
	846	20.5	21.0	21.4	21.1	22.6	21.5	9.9	22.7	22.2	21.3
	847	18.4	18.0	20.2	18.4	19.9	18.9	2.5	14.7	18.2	18.0
	848	18.4	18.0	20.2	18.4	19.9	18.9	2.5	14.7	18.2	18.0
	849	21.3	19.6	20.1	21.6	20.8	19.1	22.3	21.9	21.8	20.3
	850	21.3	19.6	20.1	21.6	20.8	19.1	22.3	21.9	21.8	20.3
	851	20.8	19.8	20.0	21.6	12.1	24.5	23.0	22.1	26.2	23.9
	852	20.8	19.8	20.0	21.6	12.1	24.5	23.0	22.1	26.2	23.9
	853	22.4	20.8	20.3	23.2	34.7	20.4	25.4	23.9	21.5	31.2
	854	22.4	20.8	20.3	23.2	34.7	20.4	25.4	23.9	21.5	31.2
	855	23.9	23.6	24.1	24.7	27.1	25.4	25.1	27.6	26.7	26.6
	856	23.9	23.6	24.1	24.7	27.1	25.4	25.1	27.6	26.7	26.6
	857	21.1	21.8	19.9	14.9	19.1	20.8	19.5	20.6	21.7	21.2
	858	21.1	21.8	19.9	14.9						
	859	19.8	19.7	20.8	19.5	21.7	20.5	21.2	21.2	21.1	23.7
	860	19.8	19.7	20.8	19.5	21.7	20.5	21.2	21.2	21.1	23.7
	861	24.3	23.3	23.3	22.0	26.1	24.3	23.7	18.4	23.6	22.2
	862	24.3	23.3	23.3	22.0	26.1	24.3	23.7	18.4	23.6	22.2
	863	20.0	20.0	21.0	21.4	22.2	23.3	22.4	20.8	22.3	22.4
	864	20.0	20.0	21.0	21.4	22.2	23.3	22.4	20.8	22.3	22.4
	865	20.6	20.3	19.8	20.6	20.5	20.9	20.1	19.7	21.4	22.7
	866	20.6	20.3	19.8	20.6	20.5	20.9	20.1	19.7	21.4	22.7
	867	22.3	24.4	25.3	24.4	25.3	23.0	28.6	27.2	24.4	22.0
	868	22.3	24.4	25.3	24.4	25.3	23.0	28.6	27.2	24.4	22.0

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		315	343	371	399	423	427	451	455	479	483
E5M	869	18.5	19.4	19.5	19.9	20.2	19.2	18.7	19.0	18.6	18.0
	870	18.5	19.4	19.5	19.9	20.2	19.2	18.7	19.0	18.6	18.0
	871	19.8	18.7	18.6	18.3	18.4	19.3	18.9	18.5	18.4	18.0
	872	19.8	18.7	18.6	18.3	18.4	19.3	18.9	18.5	18.4	18.0
	873	20.7	20.5	22.7	21.0	21.1	22.0	20.8	23.5	21.1	22.0
	874	20.7	20.5	22.7	21.0	21.1	22.0	20.8	23.5	21.1	22.0
	875	23.1	23.5	24.1	24.2	27.0	24.4	27.6	26.1	25.8	24.7
	876	23.1	23.5	24.1	24.2	27.0	24.4	27.6	26.1	25.8	24.7
	877	29.5	23.3		25.5	29.5	31.4	26.5	26.6	25.8	27.3
	878	29.5	23.3		25.5	29.5	31.4	26.5	26.6	25.8	27.3
	879	20.1	21.5	20.3	20.3	27.3	25.2	25.8	23.7	20.8	20.0
	880	20.1	21.5	20.3	20.3	27.3	25.2	25.8	23.7	20.8	20.0

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
CM	121	19.8	20.0	20.3	20.9	20.4	21.0	22.0	21.2	21.0	21.4
	122	19.8	20.0	20.3	20.9	20.4	21.0	22.0	21.2	21.0	21.4
	123										
	124	20.3	21.1	21.3	22.2	20.7	21.0	24.4	22.5	21.8	22.8
	125	22.7	23.9	24.5	24.7	23.1	24.4	25.4	23.4	26.1	24.7
	126	22.7	23.9	24.5	24.7	23.1	24.4	25.4	23.4	26.1	24.7
	127	20.1	20.7	20.1	20.5	20.4	23.5	21.9	20.7	22.6	22.0
	128	20.1	20.7	20.1	20.5	20.4	23.5	21.9	20.7	22.6	22.0
	129	22.1	22.0	0.8	23.4	27.7	26.8	26.2	24.2	23.2	24.1
	130	22.1	22.0	0.8	23.4	27.7	26.8	26.2	24.2	23.2	24.1
	131	18.2	18.6	17.5	18.0	18.2	18.3	19.1	19.2	19.3	18.8
	132	18.2	18.6	17.5	18.0	18.2	18.3	19.1	19.2	19.3	18.8
	133	16.9	19.2	20.3	18.8	12.5	11.0	20.7	21.5	19.9	23.3
	134	16.9	19.2	20.3	18.8	12.5	11.0				
	135	22.8	22.2	22.2	21.9	23.8	23.9	25.2	23.2	24.1	22.9
	136	22.8	22.2	22.2	21.9	23.8	23.9	25.2	23.2	24.1	22.9
	137	19.5	20.1	19.2	20.0	20.3	19.9	20.8	20.2	20.2	20.6
	138	19.5	20.1	19.2	20.0	20.3	19.9	20.8	20.2	20.2	20.6
	139	37.1	35.6	29.8	39.3	35.5					29.2
	140										
	141	20.5	22.0	21.3	22.3	22.5	22.4	22.7	21.2	22.2	21.6
	142	20.5	22.0	21.3	22.3	22.5	22.4	22.7	21.2	22.2	21.6
	143	21.0	23.3	19.9	20.9	20.9	22.7	19.2	22.0	23.1	24.3
	144	21.0	23.3	19.9	20.9	20.9	22.7	19.2	22.0	23.1	24.3
	145	21.1	20.8	21.2	21.6	20.7	22.3	21.8	21.6	22.3	24.6
	146	21.1	20.8	21.2	21.6	20.7	22.3	21.8	21.6	22.3	24.6
	147	19.2	19.5	21.3	22.8	21.5	23.5	20.0	18.7	14.5	15.1

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
CM	148	19.2	19.5	21.3	22.8	21.5	23.5	20.0	18.7	14.5	15.1
	149	21.3	22.5	22.0	23.1	22.4	23.9	21.2	20.7	24.5	
	150	21.3	22.5	22.0	23.1	22.4	23.9	21.2	20.7	24.5	
	151	20.2	19.7	20.2	21.0	21.0	21.6	19.9	18.7	26.4	20.6
	152	20.2	19.7	20.2	21.0	21.0	21.6	19.9	18.7	26.4	20.6
	153	20.2	21.8	21.1	20.4	22.2	22.7	23.9	21.3	21.5	23.3
	154	20.2	21.8	21.1	20.4	22.2	22.7	23.9	21.3	21.5	23.3
	155	19.4	21.0	19.4	20.9	20.3	20.8	22.2	20.5	21.1	21.5
	156	19.4	21.0	19.4	20.9	20.3	20.8	22.2	20.5	21.1	21.5
	157	19.5	19.3	19.8	20.9	23.2	24.5	25.5	25.0	24.0	25.1
	158	19.5	19.3	19.8	20.9	23.2	24.5	25.5	25.0	24.0	25.1
	159	18.8	19.4	19.8	20.9	19.4	19.6	20.8	20.2	21.0	20.9
	160	18.8	19.4	19.8	20.9	19.4	19.6	20.8	20.2	21.0	20.9
	161	11.8	8.5								
	162										
	163	19.7	18.6	22.1	20.7	26.8	24.9	26.5	25.4	23.5	25.3
	164	19.7	18.6								
	165	23.7	22.6	22.2	22.1	24.3	24.0	24.2	23.0	22.7	24.3
	166	23.7	22.6	22.2	22.1	24.3	24.0	24.2	23.0	22.7	24.3
	167	18.3	19.5	18.2	18.9	19.3	19.0	16.8	17.0	10.7	9.1
	168	18.3	19.5	18.2	18.9	19.3	19.0	16.8	17.0	10.7	9.1
	169	20.4	21.6	22.1	22.2	22.0	22.0	23.1	22.1	23.3	23.9
	170	20.4	21.6	22.1	22.2	22.0	22.0	23.1	22.1	23.3	23.9
	171	19.1	20.0	22.1	21.4	19.8	22.1	21.9	22.3	22.4	22.3
	172	19.1	20.0	22.1	21.4	19.8	22.1	21.9	22.3	22.4	22.3
	173	20.2	20.6	21.9	22.2	21.9	22.7	23.6	21.4	24.2	25.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
CM	174	20.2	20.6	21.9	22.2	21.9	22.7	23.6	21.4	24.2	25.6
	175	24.7	26.5	25.6	25.3						
	176	24.7	26.5	25.6	25.3						
	177	19.5	28.4	20.3	14.5	25.5	26.5	27.1	24.6	24.9	25.1
	178	19.5	28.4	20.3	14.5	25.5	26.5	27.1	24.6	24.9	25.1
	179	26.0	27.1	25.4	24.8	26.9	27.7	27.7	25.7	25.3	26.0
	180	26.0	27.1	25.4	24.8	26.9	27.7	27.7	25.7	25.3	26.0
CBM	201	21.1	23.8	20.6	20.4	20.5	26.5	24.1	22.2	22.2	20.3
	202	21.1	23.8	20.6	20.4	20.5	26.5				
	203	20.6	21.6	21.4	20.0	10.7	11.3	11.0	14.0	22.2	21.6
	204	20.6	21.6	21.4	20.0	10.7	11.3	11.0	14.0		
	205	21.0	20.1	19.7	21.4	20.7	21.6	21.2	19.9	22.5	20.8
	206	21.0	20.1	19.7	21.4	20.7	21.6	21.2	19.9	22.5	20.8
	207	18.4	20.7								
	208	18.4	20.7	24.6	25.3	27.2	26.5	25.4	25.0	27.2	26.0
	209	23.8	23.2	22.2	21.3	22.2	22.1	20.3	20.0	21.2	8.4
	210	23.8	23.2	22.2	21.3	22.2	22.1	20.3	20.0	21.2	8.4
	211	21.4	22.0	21.2	21.6	22.2	22.6	23.2	22.2		24.1
	212	21.4	22.0	21.2	21.6	22.2	22.6	23.2	22.2		24.1
	213	20.1	20.7	20.1	23.2	22.9	21.9	23.5	21.8	21.8	22.5
	214	20.1	20.7	20.1	23.2	22.9	21.9	23.5	21.8	21.8	22.5
	215	20.4	21.3	22.7	22.3	22.8	21.7	22.2	21.0	21.7	21.6
	216	20.4	21.3	22.7	22.3	22.8	21.7	22.2	21.0	21.7	21.6
	217	18.5	18.7	19.7	20.1	20.4	19.4	19.2	19.0	20.0	20.3
	218	18.5	18.7	19.7	20.1	20.4	19.4	19.2	19.0	20.0	20.3
	219	19.4	20.4	21.0	20.8	35.6	20.6	18.3	20.5	23.0	21.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
CBM	220	19.4	20.4	21.0	20.8	35.6	20.6	18.3	20.5	23.0	21.6
	221	21.0	21.3	20.4	21.1	21.6	21.5	19.3	16.0		
	222	21.0	21.3	20.4	21.1	21.6	21.5	19.3	16.0	15.3	17.4
	223	18.1	20.6	18.5	18.9	18.2	19.4	19.7	15.3	21.0	20.7
	224	18.1	20.6	18.5	18.9	18.2	19.4	19.7	15.3	21.0	20.7
	225	20.7	21.5	20.1	23.0	21.3	20.7	23.8	21.7	21.8	22.2
	226	20.7	21.5	20.1	23.0	21.3	20.7	23.8	21.7	21.8	22.2
	227	21.8	20.8	21.8	24.5	23.5	23.1	20.9	20.1	22.8	23.1
	228	21.8	20.8	21.8	24.5	23.5	23.1	20.9	20.1	22.8	23.1
	229	21.0	21.2	21.2	21.8	20.7	20.5	24.7	20.6	24.6	23.5
	230	21.0	21.2	21.2	21.8	20.7	20.5	24.7	20.6	24.6	23.5
	231	18.9	19.0	16.7	21.2	19.2	20.5	19.3	18.6	19.2	19.3
	232	18.9	19.0	16.7	21.2	19.2	20.5	19.3	18.6	19.2	19.3
	233	24.3	24.1	22.7	22.7	25.8	25.5	25.1	22.7	25.4	24.2
	234	24.3	24.1	22.7	22.7	25.8	25.5	25.1	22.7	25.4	24.2
	235	18.6	19.2	8.0	10.5	19.1	18.1	18.5	17.3	15.4	15.1
	236	18.6	19.2	8.0	10.5						
	237	20.8	20.8	21.7	22.6	22.7	20.9	27.1	24.0	22.8	22.4
	238	20.8	20.8	21.7	22.6	22.7	20.9	27.1	24.0	22.8	22.4
	239	21.9	21.4	20.9	22.2	17.8	21.1	18.6	18.0	18.7	30.7
	240	21.9	21.4	20.9	22.2	17.8	21.1	18.6	18.0	18.7	30.7
	241	23.9	28.1	25.4	25.7	22.1	20.4	20.4	20.9	24.2	19.4
	242	23.9	28.1	25.4	25.7	22.1	20.4				
	243	19.8	19.5	19.9	20.2	20.3	21.2	19.6	19.2	16.2	17.4
	244	19.8	19.5	19.9	20.2	20.3	21.2	19.6	19.2	16.2	17.4
	245	21.1	21.8	22.0	21.8	22.8	23.0	23.1	21.1	24.1	24.1

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
CBM	246	21.1	21.8	22.0	21.8	22.8	23.0	23.1	21.1	24.1	24.1
	247	20.4	20.9	22.0	19.1	23.9	23.8	23.3	21.6	23.3	22.6
	248	20.4	20.9	22.0	19.1	23.9	23.8	23.3	21.6	23.3	22.6
	249	15.5	22.0	31.4	24.0	24.1	24.0	24.0	22.7	25.1	24.7
	250	15.5	22.0	31.4	24.0	24.1	24.0	24.0	22.7	25.1	24.7
	251	19.4	20.5	20.4	20.8	22.3	21.6	24.5	20.4	23.6	22.1
	252	19.4	20.5	20.4	20.8	22.3	21.6	24.5	20.4	23.6	22.1
	253	19.5	20.0	19.8	22.4	20.8	21.4	21.9	20.1	22.2	21.4
	254										
	255										
	256	14.4	24.9	26.4	26.2	25.5	26.1	26.7	23.0	24.3	22.9
	257	28.7	26.0	24.1	26.3	24.1	25.4	24.4	23.9	22.2	23.3
	258	28.7	26.0	24.1	26.3	24.1	25.4	24.4	23.9	22.2	23.3
	259	25.2	26.3	24.4	24.6	22.3	24.1	25.8	24.6	25.3	24.1
	260										
B0.2M	321	20.4	20.5	22.2	21.8		22.9	23.2	22.5	22.8	21.7
	322	20.4	20.5	22.2	21.8		22.9	23.2	22.5	22.8	21.7
	323	18.9	18.9	18.2	18.9	26.1	25.3	22.0	20.4	21.7	20.5
	324	18.9	18.9	18.2	18.9	26.1	25.3	22.0	20.4	21.7	20.5
	325	21.7	21.2	22.6	24.3	22.3	22.1	24.4	21.5	26.0	24.8
	326	21.7	21.2	22.6	24.3	22.3	22.1	24.4	21.5	26.0	24.8
	327	20.3	22.6	20.9	21.8	22.8	22.3	22.2	21.0	22.5	22.1
	328	20.3	22.6	20.9	21.8	22.8	22.3	22.2	21.0	22.5	22.1
	329	22.0	21.8	21.6	21.4	22.2	22.4	21.5	21.4	22.4	21.3
	330	22.0	21.8	21.6	21.4	22.2	22.4	21.5	21.4	22.4	21.3
	331	24.0	26.4	23.0	24.9	24.6	24.9	26.8	25.3	25.3	25.4

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day									
		507	511	535	539	563	567	591	595	619	623
B0.2M	332										
	333	22.7	23.3	23.1	23.8	24.3	24.2	26.1	25.3	24.2	25.4
	334	22.7	23.3	23.1	23.8	24.3	24.2	26.1	25.3	24.2	25.4
	335	19.0	17.9	20.3	21.1	19.8	20.9	20.6	19.3	21.7	22.5
	336	19.0	17.9	20.3	21.1	19.8	20.9	20.6	19.3	21.7	22.5
	337	20.6	20.6	22.4	23.1	21.9	22.8	21.9	21.9	23.3	23.6
	338	20.6	20.6	22.4	23.1	21.9	22.8	21.9	21.9	23.3	23.6
	339	17.4	17.8	17.3	18.3	18.0	18.3	18.7	18.5	19.2	18.5
	340	17.4	17.8	17.3	18.3	18.0	18.3	18.7	18.5	19.2	18.5
	341	17.1	17.6	15.3	14.7	10.9	9.8				
	342	17.1	17.6	15.3	14.7	10.9	9.8	17.1	17.6	18.9	19.1
	343	21.9	21.4	22.2	23.0	23.4	23.0	23.3	22.8	23.5	23.1
	344	21.9	21.4	22.2	23.0	23.4	23.0	23.3	22.8	23.5	23.1
	345	20.4	20.8	22.2	21.8	21.9	23.2	23.2	22.5	23.3	23.4
	346	20.4	20.8	22.2	21.8	21.9	23.2	23.2	22.5	23.3	23.4
	347	18.9	19.6	20.6	21.4	20.5	19.8	16.3	15.6		
	348	18.9	19.6	20.6	21.4	20.5	19.8	16.3	15.6	20.3	20.1
	349	20.3	22.3								
	350	20.3	22.3	21.0	21.4	23.1	25.7	23.0	23.3	27.0	26.1
	351	22.2	24.1	21.2	23.0	23.3	23.1	24.1	22.8	22.5	23.1
	352	22.2	24.1	21.2	23.0	23.3	23.1	24.1	22.8	22.5	23.1
	353	19.1	20.3	20.6	21.6	23.4	23.2	23.4	21.4	21.3	21.6
	354	19.1	20.3	20.6	21.6	23.4	23.2	23.4	21.4	21.3	21.6
	355	26.5	26.3	27.1	27.3		27.4	32.4	29.0	28.0	29.9
	356	26.5	26.3	27.1	27.3		27.4	32.4	29.0	28.0	29.9
	357	18.6	18.6	22.2	20.5	20.1	19.9	21.2	21.1	21.0	21.9

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
B0.2M	358	18.6	18.6	22.2	20.5	20.1	19.9	21.2	21.1	21.0	21.9
	359	19.6	22.5	24.6	24.4	25.4	24.6	25.0	23.1	24.7	23.7
	360	19.6	22.5	24.6	24.4	25.4	24.6	25.0	23.1	24.7	23.7
	361	20.8	14.8	22.7	23.5	23.1	23.3	22.0	21.7	21.4	18.9
	362	20.8	14.8	22.7	23.5	23.1	23.3	22.0	21.7	21.4	18.9
	363										
	364	26.5	23.9	23.7	26.5	24.4	30.3	27.0	26.3		28.6
	365	20.4	22.4	22.5	21.9	24.3	24.2	25.0	22.9	22.0	23.3
	366	20.4	22.4	22.5	21.9	24.3	24.2	25.0	22.9	22.0	23.3
	367	21.9	24.5	25.0	25.1	23.7	23.7	16.9	8.8	25.0	24.9
	368	21.9	24.5	25.0	25.1	23.7	23.7	16.9	8.8	25.0	24.9
	369	21.0	22.6	22.3	24.0	22.2	23.1	24.1	23.3	24.0	22.9
	370	21.0	22.6	22.3	24.0	22.2	23.1	24.1	23.3	24.0	22.9
	371	24.0	23.7	24.6	24.7	23.8	21.8	25.4	22.7	26.0	24.2
	372	24.0	23.7	24.6	24.7	23.8	21.8	25.4	22.7	26.0	24.2
	373	21.4	20.6	8.9	25.8	22.2	20.9	19.9	20.5	23.6	20.9
	374	21.4	20.6	8.9	25.8	22.2	20.9	19.9	20.5	23.6	20.9
	375	22.6	22.5	23.3	23.5	25.4	21.1	24.3	21.2	28.7	23.6
	376	22.6	22.5	23.3	23.5	25.4	21.1				
	377	22.6	21.4	24.6	24.6	21.6	23.5	18.2	23.2	23.4	24.4
	378	22.6	21.4	24.6	24.6	21.6	23.5	18.2	23.2	23.4	24.4
	379	21.7	21.2	20.2	21.0	23.5	23.5	23.8	20.5	24.6	24.4
	380	21.7	21.2	20.2	21.0	23.5	23.5	23.8	20.5	24.6	24.4
B2M	421	20.1	19.5	20.0	20.0	20.1	20.8	22.0	20.2	20.1	21.5
	422	20.1	19.5	20.0	20.0	20.1	20.8	22.0	20.2	20.1	21.5
	423	24.9	21.2	22.0	11.2	23.0	22.0	24.0	23.6	23.4	21.9

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
B2M	424										
	425	24.1	25.0	24.8	28.8	25.2	28.1	27.9	27.0	28.9	25.0
	426	24.1	25.0	24.8	28.8	25.2	28.1	27.9	27.0	28.9	25.0
	427	26.4	25.0	25.4	27.0	27.2	29.7	26.2	24.5	24.6	22.9
	428	26.4	25.0	25.4	27.0	27.2	29.7	26.2	24.5	24.6	22.9
	429	19.4	20.0	19.8	20.3	22.7	24.7	20.6	20.4	17.3	15.5
	430	19.4	20.0	19.8	20.3	22.7	24.7	20.6	20.4	17.3	15.5
	431	21.6	21.9	19.7	20.8	21.5	21.9	26.6	24.7	21.6	16.6
	432	21.6	21.9	19.7	20.8	21.5	21.9	26.6	24.7	21.6	16.6
	433	23.3	22.1	23.1	23.3	21.1	21.7	25.6	24.3	12.9	23.8
	434	23.3	22.1	23.1	23.3	21.1	21.7	25.6	24.3	12.9	23.8
	435	15.6	17.1	23.5	25.0	23.3	20.6	26.0	25.6		25.3
	436	15.6	17.1								
	437	20.7	20.3	18.3	18.8	19.4	18.4	18.8	17.8	13.2	16.4
	438	20.7	20.3	18.3	18.8	19.4	18.4	18.8	17.8	13.2	16.4
	439	20.0	21.2	21.5	21.3	23.1	25.3	23.3	20.9	21.1	17.1
	440	20.0	21.2	21.5	21.3	23.1	25.3	23.3	20.9	21.1	17.1
	441	17.4	17.6	18.3	18.3	19.5	20.0	18.3	18.6	17.8	19.1
	442	17.4	17.6	18.3	18.3	19.5	20.0	18.3	18.6	17.8	19.1
	443	23.6	23.9	20.4	22.5	19.8	17.5	19.6	20.1	26.8	35.5
	444	23.6	23.9	20.4	22.5	19.8	17.5	19.6	20.1	26.8	
	445										
	446	26.8	24.4	26.4	27.9	24.7	27.9	30.3	27.7	26.0	24.3
	447	24.4	23.9	23.4	23.7	24.4	24.2	23.2	22.3	23.4	24.5
	448	24.4	23.9	23.4	23.7	24.4	24.2	23.2	22.3	23.4	24.5
	449	20.6	22.0	21.8	22.8	20.7	22.6	23.0	21.8	27.7	18.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
B2M	450	20.6	22.0	21.8	22.8	20.7	22.6	23.0	21.8	27.7	18.6
	451	22.9	23.5	21.5	21.8	25.3	26.0	23.4	17.6	24.6	24.3
	452	22.9	23.5	21.5	21.8	25.3	26.0	23.4	17.6	24.6	24.3
	453	23.3	22.4	21.7	22.9	23.7	23.8	23.9	25.9	26.1	24.0
	454	23.3	22.4	21.7	22.9	23.7	23.8	23.9	25.9	26.1	24.0
	455	20.8	20.1	19.9	20.1	21.0	20.9	21.0	20.3	20.1	19.0
	456	20.8	20.1	19.9	20.1	21.0	20.9	21.0	20.3	20.1	19.0
	457	24.9	24.5	22.9	26.4	25.9	25.5	25.3	22.4	27.3	24.3
	458	24.9	24.5	22.9	26.4	25.9	25.5	25.3	22.4	27.3	24.3
	459	21.2	21.6	22.6	22.5	22.7	21.8	22.0	20.6	22.1	23.8
	460	21.2	21.6	22.6	22.5	22.7	21.8	22.0	20.6	22.1	23.8
	461	23.8	24.9	25.1	28.5	24.2	28.0	26.0	25.6	29.6	27.6
	462	23.8	24.9	25.1	28.5	24.2	28.0	26.0	25.6	29.6	27.6
	463	18.6	20.7	19.1	20.1	21.5	22.1	19.3	18.7	21.4	20.0
	464	18.6	20.7	19.1	20.1	21.5	22.1	19.3	18.7	21.4	20.0
	465	8.3	21.0	19.6	20.0	22.5	22.6	22.4	21.5	24.2	21.2
	466	8.3	21.0	19.6	20.0	22.5	22.6	22.4	21.5	24.2	21.2
	467	23.2	23.9	20.4	22.6	22.1	24.0	24.4	24.5	23.5	23.5
	468	23.2	23.9	20.4	22.6	22.1	24.0	24.4	24.5	23.5	23.5
	469	27.5	25.4	27.4	27.2	25.9	25.7	26.9	23.4	23.3	22.7
	470	27.5	25.4	27.4	27.2	25.9	25.7	26.9	23.4	23.3	22.7
	471										
	472	6.2	6.8								
	473	21.6	22.3	22.9	22.5	23.7	23.2	23.7	21.9	22.5	22.0
	474	21.6	22.3	22.9	22.5	23.7	23.2	23.7	21.9	22.5	22.0
	475	24.2	24.0	25.6	24.1	24.9	27.5	27.7	26.0	27.7	27.4

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
B2M	476	24.2	24.0	25.6	24.1	24.9	27.5	27.7	26.0	27.7	27.4
	477	23.7	25.9	24.9	28.1	16.5	14.5			24.9	25.6
	478	23.7	25.9	24.9	28.1	16.5	14.5			24.9	25.6
	479	22.5	23.1	24.6	22.8	24.9	25.2	25.9	23.2	23.2	24.3
	480	22.5	23.1	24.6	22.8	24.9	25.2	25.9	23.2	23.2	24.3
B5M	521	21.2	19.9	19.1	20.1	18.8	19.3	20.1	20.1	20.6	19.4
	522	21.2	19.9	19.1	20.1	18.8	19.3	20.1	20.1	20.6	19.4
	523	22.6	20.0	25.2	24.5	21.2	23.6	20.9	22.0	21.5	21.7
	524	22.6	20.0	25.2	24.5	21.2	23.6	20.9	22.0	21.5	21.7
	525	16.8	16.6	18.1	17.8	17.2	17.6	9.2	7.9	18.6	18.3
	526	16.8	16.6	18.1	17.8	17.2	17.6	9.2	7.9	18.6	18.3
	527	21.8	21.1	24.1	23.5	23.6	23.1	22.0	20.6	22.5	22.4
	528	21.8	21.1	24.1	23.5	23.6	23.1	22.0	20.6	22.5	22.4
	529	14.4	12.8	20.9	21.1	24.1	23.7	22.6	16.4	22.2	22.1
	530	14.4	12.8	20.9	21.1	24.1	23.7	22.6	16.4	22.2	22.1
	531	22.6	21.7	20.2	18.8	19.6	22.3	22.0	21.0	21.0	18.9
	532	22.6	21.7	20.2							
	533	9.2	22.0	17.9	17.5	19.1	19.4	19.9	18.2	18.4	18.0
	534	9.2	22.0	17.9	17.5	19.1	19.4	19.9	18.2	18.4	18.0
	535	17.9	18.3	17.7	18.4	17.9	20.4	18.2	19.3	20.4	18.5
	536	17.9	18.3	17.7	18.4	17.9	20.4	18.2	19.3	20.4	18.5
	537	21.6	19.4	20.9	21.2	21.0	22.2	19.1	22.4	24.6	13.2
	538	21.6	19.4	20.9	21.2	21.0	22.2	19.1	22.4	24.6	13.2
	539	20.5	19.3	22.8	21.4	29.1	23.3	20.6	23.1	25.8	24.0
	540	20.5	19.3	22.8	21.4	29.1	23.3	20.6	23.1	25.8	24.0
	541	19.7	22.9	20.1	23.9	23.4	20.8	25.3	23.0	18.3	28.5

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
B5M	542	19.7	22.9	20.1	23.9	23.4	20.8	25.3	23.0	18.3	28.5
	543	22.7	25.9	25.4	23.4	24.5	23.9	25.8	24.9	25.1	25.5
	544	22.7	25.9	25.4	23.4	24.5	23.9	25.8	24.9	25.1	25.5
	545	21.4	22.6	22.0	21.4	20.1	20.3	23.8	21.0	22.1	21.1
	546	21.4	22.6	22.0	21.4	20.1	20.3	23.8	21.0	22.1	21.1
	547	21.7	19.8	20.4	20.6	22.3	21.3	20.7	19.4	23.3	22.2
	548	21.7	19.8	20.4	20.6	22.3	21.3	20.7	19.4	23.3	22.2
	549	28.2	25.4	26.4	27.8	27.8	21.1	24.1	26.8	26.9	24.9
	550	28.2	25.4	26.4	27.8	27.8	21.1	24.1	26.8	26.9	24.9
	551	24.4	22.0	24.5	26.8	25.3	26.2	24.5	23.5	23.4	22.7
	552	24.4	22.0	24.5	26.8	25.3	26.2	24.5	23.5	23.4	22.7
	553	25.1	24.6	23.5	24.8	22.9	19.6	23.8	17.3	24.9	22.8
	554	25.1	24.6	23.5	24.8	22.9	19.6	23.8	17.3	24.9	22.8
	555	23.0	22.0	20.3	19.8	22.2	22.5	19.9	19.4	21.5	19.6
	556	23.0	22.0	20.3	19.8	22.2	22.5	19.9	19.4	21.5	19.6
	557	18.8	19.8	18.6	19.6	19.6	18.9	19.7	19.2	18.4	18.9
	558	18.8	19.8	18.6	19.6	19.6	18.9	19.7	19.2	18.4	18.9
	559	21.3	23.8	22.7	23.7	22.2	21.6	23.2	23.6	26.3	24.8
	560	21.3	23.8	22.7	23.7	22.2	21.6	23.2	23.6	26.3	24.8
	561	26.1	25.7	20.3	27.5		28.1	19.8	23.0	31.3	22.3
	562	26.1	25.7	20.3	27.5		28.1	19.8	23.0	31.3	22.3
	563	23.2	20.3	20.4	21.9	20.7	21.1	18.6	17.7	20.6	19.7
	564	23.2	20.3	20.4	21.9	20.7	21.1	18.6	17.7	20.6	19.7
	565	26.0	21.9	22.1	22.6	24.4	23.0	22.0	20.4	23.5	23.0
	566	26.0	21.9	22.1	22.6	24.4	23.0	22.0	20.4	23.5	23.0
	567	18.9	23.9	25.6	23.7						

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
B5M	568	18.9	23.9	25.6	23.7	26.4	34.1	29.0	27.6	34.2	30.2
	569	22.0	3.5	22.8	23.5	24.7	23.7	24.0	21.8	27.3	23.5
	570	22.0	3.5	22.8	23.5	24.7	23.7	24.0	21.8	27.3	23.5
	571	21.7	21.0	22.3	21.4	21.2	21.7	20.3	19.5	22.6	21.3
	572	21.7	21.0	22.3	21.4	21.2	21.7	20.3	19.5	22.6	21.3
	573	21.6	20.1	24.1	21.4	21.8	23.4	16.8	20.8	22.0	20.8
	574	21.6	20.1	24.1	21.4	21.8	23.4	16.8	20.8	22.0	20.8
	575	18.2	22.3	25.9	23.9	26.6	25.5	22.2	20.9	24.1	20.7
	576	18.2	22.3	25.9	23.9	26.6	25.5	22.2	20.9	24.1	20.7
	577	19.1	21.8	21.1	21.6	22.5	22.6	21.3	20.2	23.1	22.4
	578	19.1	21.8	21.1	21.6	22.5	22.6	21.3	20.2	23.1	22.4
	579	20.0	21.9	19.3	22.3	21.4	20.2	16.7	17.4	14.1	
	580	20.0	21.9	19.3	22.3	21.4	20.2	16.7	17.4	14.1	23.4
E0.2M	621	21.9	26.1	24.1	25.2	21.3	25.3	24.0	24.9	22.9	20.4
	622	21.9	26.1	24.1	25.2	21.3	25.3	24.0	24.9	22.9	20.4
	623	22.2	22.8	26.7	25.2	24.7	27.0	24.9	26.9	23.9	27.9
	624	22.2	22.8	26.7	25.2	24.7	27.0	24.9	26.9	23.9	27.9
	625	12.0	11.2								
	626	12.0	11.2	24.4	24.2	27.5	26.2	25.5	22.5	24.3	9.6
	627	19.0	21.8	20.6	20.6	20.9	21.2	21.5	19.8	20.6	20.9
	628	19.0	21.8	20.6	20.6	20.9	21.2	21.5	19.8	20.6	20.9
	629	21.8	22.3	23.8	24.2	24.2	22.5	23.2	21.9	21.1	22.1
	630	21.8	22.3	23.8	24.2	24.2	22.5	23.2	21.9	21.1	22.1
	631	19.8	19.5	19.7	20.7	22.7	21.4	8.9	20.6	19.9	20.3
	632	19.8	19.5	19.7	20.7	22.7	21.4	8.9	20.6	19.9	20.3
	633	21.1	23.8	27.0	25.2	24.2	23.6	25.1	22.9	23.5	21.8
	634	21.1	23.8	27.0	25.2	24.2	23.6	25.1	22.9	23.5	21.8
	635	19.6	20.4	19.8	21.6	20.6	21.1	23.1	21.7	20.3	20.0

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E0.2M	636	19.6	20.4	19.8	21.6	20.6	21.1	23.1	21.7	20.3	20.0
	637	18.0	18.6	21.8	22.7	21.0	19.4	19.6	18.4	19.2	20.7
	638	18.0	18.6	21.8	22.7	21.0	19.4	19.6	18.4	19.2	20.7
	639	18.8	19.1	21.8	20.9	21.7	21.1	19.6	19.6	19.8	19.3
	640	18.8	19.1	21.8	20.9	21.7	21.1	19.6	19.6	19.8	19.3
	641	20.8	20.6	20.5	23.4	13.6	24.8	23.7	22.9	23.4	21.8
	642	20.8	20.6	20.5	23.4	13.6	24.8	23.7	22.9	23.4	21.8
	643	18.3	19.9	19.0		21.6	20.7	19.8	20.0	19.6	18.0
	644	18.3	19.9	19.0		21.6	20.7	19.8	20.0	19.6	18.0
	645	16.1	17.3	18.8	19.6	19.5	18.5	18.5	18.1	15.0	21.0
	646										
	647	21.8	21.0	17.9	19.2	20.8	20.8	21.5	21.9	21.0	20.4
	648	21.8	21.0	17.9	19.2	20.8	20.8	21.5	21.9	21.0	20.4
	649	21.4	20.3	22.7	20.2	19.6	20.3	19.6	19.4	18.5	20.7
	650	21.4	20.3	22.7	20.2	19.6	20.3	19.6	19.4	18.5	20.7
	651	21.3	17.9	22.1	22.0	21.3	21.9	22.3	22.2	21.5	21.3
	652	21.3	17.9	22.1	22.0	21.3	21.9	22.3	22.2	21.5	21.3
	653	19.6	20.0	20.5	21.7	22.1	21.8	22.1	21.0	20.5	21.2
	654	19.6	20.0	20.5	21.7	22.1	21.8	22.1	21.0	20.5	21.2
	655	18.9	19.3	19.8	16.0	21.6	20.0	20.1	19.6	20.9	18.7
	656	18.9	19.3	19.8	16.0	21.6	20.0	20.1	19.6	20.9	18.7
	657	21.0	22.4	23.7	22.5	22.3	22.0	28.4	14.9	22.7	22.2
	658	21.0	22.4	23.7	22.5	22.3	22.0	28.4	14.9	22.7	22.2
	659	20.3	20.9	9.6	21.9	21.2	20.6	21.0	14.0	20.5	21.2
	660	20.3	20.9	9.6	21.9	21.2	20.6	21.0	14.0	20.5	21.2
	661	24.4	24.4	24.1	25.8	26.3	26.4	26.6	24.7		15.2
	662										
	663	20.7	22.0	20.7	21.9	23.7	23.7	23.0	21.9	2.6	28.2

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E0.2M	664	20.7	22.0	20.7	21.9	23.7	23.7	23.0	21.9	2.6	28.2
	665	18.0	18.4	17.9	17.9	18.8	17.9	19.8	19.0	10.6	20.3
	666	18.0	18.4	17.9	17.9	18.8	17.9	19.8	19.0	10.6	20.3
	667	25.8	24.3	22.4	23.7	24.1	24.0	24.6	22.7	15.4	20.2
	668	25.8	24.3	22.4	23.7	24.1	24.0	24.6	22.7	15.4	20.2
	669	20.0	20.5	21.2		20.6	19.9	20.3	21.5	20.6	23.4
	670	20.0	20.5	21.2		20.6	19.9	20.3	21.5	20.6	23.4
	671	24.6	26.0	21.6	24.5	24.6	23.7	25.1	24.3	23.0	22.1
	672	24.6	26.0	21.6	24.5	24.6	23.7	25.1	24.3	23.0	22.1
	673	19.3	18.5	19.2	20.5	21.7	20.1	22.2	23.0	20.3	21.9
	674	19.3	18.5	19.2	20.5	21.7	20.1	22.2	23.0	20.3	21.9
	675										
	676	22.3	21.7	27.7	24.5	25.2	23.7	21.7	23.8	24.4	26.5
	677	20.4	20.3	19.6	20.2	22.8	21.3	21.4	21.1	21.3	20.0
	678	20.4	20.3	19.6	20.2	22.8	21.3	21.4	21.1	21.3	20.0
	679	24.2	25.1	3.7	27.0	27.6	27.4	26.7	24.6	26.1	26.9
	680										
E2M	721	19.7	21.5	21.7	21.4	20.7	20.6	20.5	20.0	22.9	20.5
	722	19.7	21.5	21.7	21.4	20.7	20.6	20.5	20.0	22.9	20.5
	723	19.3	19.7	21.1	20.6	19.8	19.3	20.7	20.5	21.3	21.0
	724	19.3	19.7	21.1	20.6	19.8	19.3	20.7	20.5	21.3	21.0
	725	26.4	9.8	24.9	25.0	22.7	23.5	24.2	25.1	24.2	23.6
	726	26.4	9.8	24.9	25.0	22.7	23.5	24.2	25.1	24.2	23.6
	727	22.6	23.4	25.1	24.6	26.3	23.8	25.3	22.5	27.0	24.7
	728	22.6	23.4	25.1	24.6	26.3	23.8	25.3	22.5	27.0	24.7
	729	20.0	65.7	21.1	20.5	21.1	21.4	22.0	20.7	19.6	19.7
	730	20.0	65.7	21.1	20.5	21.1	21.4	22.0	20.7	19.6	19.7
	731	21.6	23.0	22.1	22.8	23.1	21.3	25.2	23.1	24.0	24.0

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E2M	732	21.6	23.0	22.1	22.8	23.1	21.3	25.2	23.1	24.0	24.0
	733	21.8	22.9	22.9	22.9	23.1	23.3	25.0		23.0	22.1
	734	21.8	22.9	22.9	22.9	23.1	23.3	25.0		23.0	22.1
	735	24.1	24.7	26.2	25.2	24.3	24.8	24.1	24.9	24.4	24.9
	736	24.1	24.7	26.2	25.2	24.3	24.8	24.1	24.9	24.4	24.9
	737	24.3	20.2	27.2	23.5	23.4	22.6	23.1	22.0	21.9	22.0
	738	24.3	20.2	27.2	23.5	23.4	22.6	23.1	22.0	21.9	22.0
	739	19.3	18.3	20.1	21.1	20.0	19.7	22.2	20.3	21.0	20.7
	740	19.3	18.3	20.1	21.1	20.0	19.7	22.2	20.3	21.0	20.7
	741	25.1	22.4	23.9	24.6	26.0	23.2	23.8	24.3	25.5	20.1
	742	25.1	22.4	23.9	24.6	26.0	23.2	23.8	24.3	25.5	20.1
	743	16.5	15.8	21.6	19.8	19.4	18.8	19.5	19.0	19.0	18.8
	744	16.5	15.8	21.6	19.8	19.4	18.8	19.5	19.0	19.0	18.8
	745	19.8	19.5	20.3	19.9	21.9	20.7	22.5	22.6	25.3	21.6
	746	19.8	19.5	20.3	19.9	21.9	20.7	22.5	22.6	25.3	21.6
	747	23.3	20.6	29.4	27.6	27.3	28.0	30.2	29.4	26.6	28.2
	748	23.3	20.6	29.4	27.6	27.3	28.0	30.2	29.4	26.6	28.2
	749	17.1	17.0	18.5	18.5	17.8	17.6	19.1	17.6	16.1	14.8
	750	17.1	17.0	18.5	18.5	17.8	17.6	19.1	17.6	16.1	14.8
	751	21.8	21.7	24.6	21.9	24.0	23.3	27.3	22.7	22.7	22.0
	752	21.8	21.7	24.6	21.9	24.0	23.3	27.3	22.7	22.7	22.0
	753	18.2	15.5	9.5	8.6	20.7	22.5	20.7	19.9	22.5	20.6
	754	18.2	15.5	9.5	8.6						
	755	22.7	22.0	23.6	22.1	23.2	25.9	26.1	23.5		
	756	22.7	22.0	23.6	22.1	23.2	25.9	26.1	23.5	31.0	31.2
	757	19.1	22.7	18.6		20.8	22.8	24.6	22.7	22.9	

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E2M	758	19.1	22.7	18.6		20.8	22.8	24.6	22.7	22.9	
	759	19.6	19.1	21.3	19.4	19.6	21.0	21.8	20.6	20.0	21.0
	760	19.6	19.1	21.3	19.4	19.6	21.0	21.8	20.6	20.0	21.0
	761	21.6	21.5	26.5		23.8	24.7	26.2	25.3	23.8	24.1
	762	21.6	21.5	26.5		23.8	24.7	26.2	25.3	23.8	24.1
	763	23.3	20.3	22.7	23.7	22.7	22.5	21.8	20.1	23.3	22.5
	764	23.3	20.3	22.7	23.7	22.7	22.5	21.8	20.1	23.3	22.5
	765	23.5	21.3	23.4	24.7	22.0	21.5	24.9	25.3	26.2	23.5
	766	23.5	21.3	23.4	24.7	22.0	21.5	24.9	25.3	26.2	23.5
	767										
	768	25.2	25.4	27.9	24.8	26.6	25.8	23.6	26.3	26.7	
	769	23.9	23.8	23.1	20.8	21.5	23.5	22.6	23.1	20.2	19.1
	770	23.9	23.8	23.1	20.8	21.5	23.5	22.6	23.1	20.2	19.1
	771	21.7	21.3	26.1	27.4	22.4	22.3	24.7	24.1	24.1	23.1
	772	21.7	21.3	26.1	27.4	22.4	22.3	24.7	24.1	24.1	23.1
	773	19.6	20.2	21.2	22.3	19.7	22.1	23.4	21.2	22.2	21.5
	774	19.6	20.2	21.2	22.3	19.7	22.1	23.4	21.2	22.2	21.5
	775	22.7	24.3	22.9	23.6	23.3	19.8	23.8	21.5	21.0	17.7
	776	22.7	24.3	22.9	23.6	23.3	19.8	23.8	21.5	21.0	17.7
	777	24.5	20.9	22.2	23.1	29.3	31.9	27.2	27.8	22.2	22.9
	778	24.5	20.9	22.2	23.1						
	779	22.3	23.1	26.3	24.6	26.2	23.7	28.4	25.5	28.6	25.9
	780	22.3	23.1	26.3	24.6	26.2	23.7	28.4	25.5	28.6	25.9
E5M	821	22.4	23.3	25.0	23.9	23.5	22.7	24.9	22.6	22.7	23.6
	822	22.4	23.3	25.0	23.9	23.5	22.7	24.9	22.6	22.7	23.6
	823	25.1	26.7	27.5	27.7	27.4	25.2	28.9	28.5	26.6	27.3

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E5M	824	25.1	26.7	27.5	27.7	27.4	25.2	28.9	28.5	26.6	27.3
	825	22.7	23.1	20.3	21.9	21.1	20.3	22.7	21.0	23.6	22.7
	826	22.7	23.1	20.3	21.9	21.1	20.3	22.7	21.0	23.6	22.7
	827	24.3	22.9	24.4	24.5	25.8	22.1	22.1	21.6	27.0	16.8
	828	24.3	22.9	24.4	24.5	25.8	22.1	22.1	21.6	27.0	16.8
	829										
	830	19.6	20.8	21.3	21.6	23.5	20.7	21.8	20.7	34.3	20.5
	831	21.4	21.2	22.6	22.9	20.3	22.5	25.1	22.9	21.7	21.4
	832	21.4	21.2	22.6	22.9	20.3	22.5	25.1	22.9	21.7	21.4
	833	25.2	20.6	25.6	21.4	19.1	13.7	29.1	21.5		20.9
	834	25.2	20.6	25.6	21.4	19.1	13.7				
	835	17.1	17.0	17.5	18.1	16.6	18.4	14.2	16.9	13.6	17.6
	836	17.1	17.0	17.5	18.1	16.6	18.4	14.2	16.9		
	837	20.6	22.1	27.9	23.1	22.9	22.0	22.7	20.2	23.0	21.2
	838	20.6	22.1	27.9	23.1	22.9	22.0	22.7	20.2	23.0	21.2
	839	18.9	68.7	20.5	19.5	19.7	17.8	19.9	18.7	21.3	18.9
	840	18.9	68.7	20.5	19.5	19.7	17.8	19.9	18.7	21.3	18.9
	841	21.3	20.2	18.9	18.6	21.8	21.4	20.6	20.7	21.8	20.0
	842	21.3	20.2	18.9	18.6	21.8	21.4	20.6	20.7	21.8	20.0
	843	22.7	23.2	21.3	21.1	23.4	23.9	21.7	25.3		
	844	22.7	23.2	21.3	21.1	23.4	23.9	21.7	25.3	10.1	22.2
	845	25.3	24.8	22.8	21.8	17.0	15.6				
	846	25.3	24.8	22.8	21.8	17.0	15.6	22.5	19.3	21.9	24.3
	847	18.4	20.3	22.1	19.5	21.6	20.4	19.0	16.4	14.1	21.9
	848	18.4	20.3	22.1	19.5	21.6	20.4	19.0	16.4	14.1	
	849	21.0	20.9	22.9	23.3	22.6	20.2	22.1	19.4	24.8	23.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E5M	850	21.0	20.9	22.9	23.3	22.6	20.2	22.1	19.4	24.8	23.6
	851	22.3	22.6	21.1	20.4	19.6	18.6	21.8	20.2	19.9	19.4
	852	22.3	22.6	21.1	20.4	19.6	18.6	21.8	20.2	19.9	19.4
	853	21.7	19.1	22.4	20.1	20.5	17.9	17.2	15.5	24.0	19.5
	854	21.7	19.1	22.4	20.1	20.5	17.9	17.2	15.5	24.0	19.5
	855	29.2	28.5	32.3		27.2	26.2	26.0	26.0	25.0	22.6
	856	29.2	28.5	32.3		27.2	26.2	26.0	26.0	25.0	22.6
	857	23.5	22.3	20.7	22.8	20.8	19.9	20.1	19.4	10.5	11.3
	858										
	859	22.6	19.6	24.0	24.5	20.3	20.5	21.7	21.9	21.9	21.1
	860	22.6	19.6	24.0	24.5	20.3	20.5	21.7	21.9	21.9	21.1
	861	21.8	21.1	22.3	21.4	22.2	22.1	21.4	20.4	24.2	22.8
	862	21.8	21.1	22.3	21.4	22.2	22.1	21.4	20.4	24.2	22.8
	863	22.2	21.6	21.8	20.9	20.6	21.1	21.0	20.5	22.1	20.7
	864	22.2	21.6	21.8	20.9	20.6	21.1	21.0	20.5	22.1	20.7
	865	19.7	20.5	20.7		20.7	19.6	20.4	20.1	23.9	21.6
	866	19.7	20.5	20.7		20.7	19.6	20.4	20.1	23.9	21.6
	867	25.2	23.6	17.6	15.8	11.7	16.0	17.7	18.6	20.3	21.1
	868	25.2	23.6	17.6	15.8	11.7	16.0				
	869	20.1	18.7	19.3	20.4	17.6	17.6	19.0	19.1	27.9	18.5
	870	20.1	18.7	19.3	20.4	17.6	17.6	19.0	19.1	27.9	18.5
	871	29.7	20.9	18.7	19.1	17.6	18.6	17.9	17.9	19.9	19.6
	872	29.7	20.9	18.7	19.1	17.6	18.6	17.9	17.9	19.9	19.6
	873	11.9	20.4	19.2	22.6	20.3	22.6	25.0	22.0	23.1	23.9
	874	11.9	20.4	19.2	22.6	20.3	22.6	25.0	22.0	23.1	23.9

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E5M	875	23.5	20.5	22.3	24.0	25.9	21.0	27.0	22.6	30.8	25.4
	876	23.5	20.5	22.3	24.0	25.9	21.0	27.0	22.6	30.8	25.4
	877	29.3	29.8	26.6	28.0	28.2	27.8	25.2	23.8	27.0	15.4
	878	29.3	29.8	26.6	28.0	28.2	27.8	25.2	23.8	27.0	15.4
	879	23.9	26.4	27.8	23.8	27.3	26.8	28.0	23.1	30.2	21.6
	880	23.9	26.4	27.8	23.8	27.3	26.8	28.0	23.1	30.2	21.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day					
	ID	647	651	675	679	703	707
CM	121	20.8	21.1	20.0	20.8	20.8	19.9
	122	20.8	21.1	20.0	20.8	20.8	19.9
	123						
	124	23.4	22.3	23.1	23.7	21.5	20.0
	125	22.8	21.4	23.8	25.4	21.8	21.1
	126	22.8	21.4	23.8	25.4	21.8	21.1
	127	21.8	21.4	21.6	21.2	20.6	20.7
	128	21.8	21.4	21.6	21.2	20.6	20.7
	129	23.6	22.8	22.2	22.2	24.2	22.4
	130	23.6	22.8	22.2	22.2	24.2	22.4
	131	19.9	19.5	12.0	9.9	13.0	13.0
	132	19.9	19.5	12.0	9.9	13.0	13.0
	133	23.5	21.8	22.5	22.4	21.9	21.9
	134						
	135	22.6	23.4	24.6	24.9	22.6	21.2
	136	22.6	23.4	24.6	24.9	22.6	21.2
	137	19.8	19.2	19.9	18.9	19.6	18.9
	138	19.8	19.2	19.9	18.9	19.6	18.9
	139	33.5	33.1	25.4	30.8	30.5	29.1
	140						
	141	20.8	21.4	21.1	21.6	23.9	22.1
	142	20.8	21.4	21.1	21.6	23.9	22.1
	143	21.0	21.0	23.6	23.0	20.1	17.5
	144	21.0	21.0	23.6	23.0	20.1	17.5
	145	21.6	21.2	21.7	22.4	22.1	21.4
	146	21.6	21.2	21.7	22.4	22.1	21.4
	147	12.4	13.9	23.2	22.9	22.2	21.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
CM	148	12.4	13.9				
	149	21.9	21.4	22.3	23.1	23.0	22.1
	150	21.9	21.4	22.3	23.1	23.0	22.1
	151	20.8	19.5	19.7	20.7	20.3	18.1
	152	20.8	19.5	19.7	20.7	20.3	18.1
	153	23.2	22.1	22.0	20.5	22.6	20.8
	154	23.2	22.1	22.0	20.5	22.6	20.8
	155	19.5	19.6	20.9	20.8	20.1	19.5
	156	19.5	19.6	20.9	20.8	20.1	19.5
	157	20.7	21.2	20.0	19.0	21.6	20.1
	158	20.7	21.2	20.0	19.0	21.6	20.1
	159	20.1	19.4	21.4	21.3	19.8	19.4
	160	20.1	19.4	21.4	21.3	19.8	19.4
	161						
	162						
	163	24.7	26.6	22.6	24.7	24.2	25.7
	164						
	165	21.4	21.9	21.9	22.5	23.1	21.2
	166	21.4	21.9	21.9	22.5	23.1	21.2
	167						
	168	20.6	20.2	18.9	19.3	18.9	17.7
	169	20.7	22.9	14.9	22.6	22.3	24.2
	170	20.7	22.9	14.9	22.6	22.3	24.2
	171	20.8	21.0	21.7	21.9	21.1	20.5
	172	20.8	21.0	21.7	21.9	21.1	20.5
	173	22.2	21.9	22.2	22.8	20.6	20.9

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
CM	174	22.2	21.9	22.2	22.8	20.6	20.9
	175						
	176						
	177	24.4	22.7	23.3	23.4	25.4	24.6
	178	24.4	22.7	23.3	23.4	25.4	24.6
	179	24.0	22.8	26.3	24.7	25.7	23.7
	180	24.0	22.8	26.3	24.7	25.7	23.7
CBM	201	22.4	22.7	21.7	22.0	20.9	20.1
	202						
	203	22.8	22.6	21.1	20.5	21.9	22.4
	204						
	205	17.6	19.3	6.1			
	206	17.6	19.3	6.1		21.1	20.8
	207						
	208	28.5	28.6	25.3	28.8	28.5	27.7
	209	22.2	21.0	21.1	21.1	21.7	20.3
	210	22.2	21.0	21.1	21.1	21.7	20.3
	211	22.0	21.5	22.9	22.1	20.8	19.9
	212	22.0	21.5	22.9	22.1	20.8	19.9
	213	22.7	22.8	21.3	21.2	20.5	19.7
	214	22.7	22.8	21.3	21.2	20.5	19.7
	215	20.6	20.0	19.3	19.4	17.9	17.4
	216	20.6	20.0	19.3	19.4	17.9	17.4
	217	20.1	19.0	19.6	20.5	19.8	19.1
	218	20.1	19.0	19.6	20.5	19.8	19.1
	219	22.0	21.8	22.6	21.3	10.3	13.7

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day					
	ID	647	651	675	679	703	707
CBM	220	22.0	21.8	22.6	21.3	10.3	13.7
	221						
	222	21.6	20.5	23.1	23.4	22.2	21.0
	223	20.1	20.1	23.1	19.3	21.0	20.2
	224	20.1	20.1	23.1	19.3	21.0	20.2
	225	23.9	22.6	22.4	21.8	21.3	20.8
	226	23.9	22.6	22.4	21.8	21.3	20.8
	227	20.3	18.4	9.3	10.5	19.4	19.7
	228	20.3	18.4	9.3	10.5		
	229	21.3	21.0	22.5	21.6	21.6	20.3
	230	21.3	21.0	22.5	21.6	21.6	20.3
	231	19.3	19.6	19.2	19.3	19.5	18.4
	232	19.3	19.6	19.2	19.3	19.5	18.4
	233	26.7	24.1	24.0	24.5	26.5	24.7
	234	26.7	24.1	24.0	24.5	26.5	24.7
	235	18.1	18.3	16.3	15.6	15.6	15.3
	236						
	237	23.6	23.1	20.2	20.9	21.2	21.3
	238	23.6	23.1	20.2	20.9	21.2	21.3
	239	16.5	17.3	17.2	18.4	20.8	20.2
	240	16.5	17.3	17.2	18.4		
	241	16.6	14.5				
	242						
	243	14.0	14.8	16.9	15.9	17.3	17.9
	244	14.0	14.8	16.9	15.9	17.3	17.9
	245	23.0	23.0	21.2	22.7	19.7	19.9

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day					
	ID	647	651	675	679	703	707
CBM	246	23.0	23.0	21.2	22.7	19.7	19.9
	247	22.5	21.4	19.3	19.9	19.9	19.8
	248	22.5	21.4	19.3	19.9	19.9	19.8
	249	23.1	24.4	22.7	22.5	22.9	22.8
	250	23.1	24.4	22.7	22.5	22.9	22.8
	251	20.9	20.8	21.6	21.4	21.7	19.0
	252	20.9	20.8	21.6	21.4	21.7	19.0
	253	20.6	19.6	18.4	18.5	16.0	17.4
	254						
	255						
	256	25.7	23.2	27.0	24.8	24.4	24.5
	257	16.3	13.5				
	258	16.3	13.5	24.0	22.9	26.0	24.8
	259	23.6	22.3	28.2	28.3	25.3	25.8
	260						
B0.2M	321	20.2	21.8	21.0	21.3	10.0	9.8
	322	20.2	21.8	21.0	21.3	10.0	9.8
	323	19.2	19.7	20.7	20.2	19.3	18.2
	324	19.2	19.7	20.7	20.2	19.3	18.2
	325	23.3	23.4	23.1	23.9	21.8	22.0
	326	23.3	23.4	23.1	23.9	21.8	22.0
	327	23.3	23.3	25.8	23.4	17.3	14.4
	328	23.3	23.3	25.8	23.4	17.3	14.4
	329	22.3	22.5	18.4	19.9	21.1	21.3
	330	22.3	22.5	18.4	19.9	21.1	21.3
	331	23.8	24.5	25.3	18.4	23.8	25.3

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
B0.2M	332						
	333	26.5	24.7	23.5	25.3	24.8	24.6
	334	26.5	24.7	23.5	25.3	24.8	24.6
	335	18.7	19.5	20.3	21.0	18.8	17.9
	336	18.7	19.5	20.3	21.0	18.8	17.9
	337	22.3	21.3	22.3	22.5	20.8	18.8
	338	22.3	21.3	22.3	22.5	20.8	18.8
	339	18.1	19.3	18.8	18.0	17.6	14.3
	340	18.1	19.3	18.8	18.0	17.6	14.3
	341						
	342	21.2	20.1	20.4	20.0	20.6	19.8
	343	23.8	24.0	23.4	23.7	22.3	21.7
	344	23.8	24.0	23.4	23.7	22.3	21.7
	345	22.6	21.9	22.3	21.9	20.2	20.4
	346	22.6	21.9	22.3	21.9	20.2	20.4
	347						
	348	22.8	23.2	23.1	24.1	22.2	22.8
	349						
	350	23.4	20.9	24.8	26.0	19.5	24.7
	351	23.0	22.3	24.1	23.3	24.1	24.0
	352	23.0	22.3	24.1	23.3	24.1	24.0
	353	23.3	18.7				
	354	23.3	18.7	23.8	19.9	11.4	11.8
	355	29.3	27.9	31.2	27.0	28.8	29.7
	356	29.3	27.9	31.2	27.0	28.8	29.7
	357	20.7	21.6	20.7	21.0	19.2	18.4

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
B0.2M	358	20.7	21.6	20.7	21.0	19.2	18.4
	359	24.6	23.1	25.1	25.0	24.4	23.1
	360	24.6	23.1	25.1	25.0	24.4	23.1
	361	21.8	21.3	21.6	21.7	21.1	19.5
	362	21.8	21.3	21.6	21.7	21.1	19.5
	363						
	364	29.4	28.3	27.7	25.0	26.4	20.1
	365	23.4	23.4	12.2	14.0	7.9	13.7
	366	23.4	23.4	12.2	14.0	7.9	13.7
	367	23.5	24.0	28.4	27.5	23.6	24.0
	368	23.5	24.0	28.4	27.5	23.6	24.0
	369	23.2	23.9	23.9	23.6	22.8	21.1
	370	23.2	23.9	23.9	23.6	22.8	21.1
	371	25.4	23.7	21.9	17.0	24.2	23.6
	372	25.4	23.7	21.9	17.0	24.2	23.6
	373	21.1	19.9	20.4	20.4	20.0	20.9
	374	21.1	19.9	20.4	20.4	20.0	20.9
	375	25.6	27.7	26.5	25.6	27.3	22.6
	376						
	377	23.8	22.5	23.1	22.1	21.5	20.2
	378	23.8	22.5	23.1	22.1	21.5	20.2
	379	24.0	24.7	22.7	21.3	23.8	22.0
	380	24.0	24.7	22.7	21.3	23.8	22.0
B2M	421	20.1	20.1	21.3	20.1	19.8	17.4
	422	20.1	20.1	21.3	20.1	19.8	17.4
	423	21.7	19.5	22.0	20.6	22.2	22.3

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
B2M	424						
	425	22.3	22.6	26.2	24.5	25.0	26.8
	426	22.3	22.6	26.2	24.5	25.0	26.8
	427	24.6	23.8	21.5	22.5	28.8	23.3
	428	24.6	23.8	21.5	22.5	28.8	23.3
	429	20.5	20.5	21.1	21.4	18.9	19.3
	430						
	431	20.0	21.1	21.5	20.6	20.3	19.9
	432	20.0	21.1	21.5	20.6	20.3	19.9
	433	24.0	23.3	21.4	23.5	22.2	22.0
	434	24.0	23.3	21.4	23.5	22.2	22.0
	435	26.1	22.1	24.6	23.4	23.7	24.3
	436						
	437	18.0	17.5	15.8	15.5	20.4	20.1
	438	18.0	17.5	15.8	15.5	20.4	20.1
	439	22.5	21.5	20.6	20.9	22.6	21.3
	440	22.5	21.5	20.6	20.9	22.6	21.3
	441	18.3	18.1	17.2	18.5	17.6	16.2
	442	18.3	18.1	17.2	18.5	17.6	16.2
	443	25.9	28.0	26.7	25.0	23.9	24.0
	444						
	445						
	446	26.8	26.9	27.0	26.7	21.0	17.6
	447	22.5	23.1	23.6	22.8	22.7	22.8
	448	22.5	23.1	23.6	22.8	22.7	22.8
	449	21.3	22.5	22.8	22.9	23.1	21.4

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day					
	ID	647	651	675	679	703	707
B2M	450	21.3	22.5	22.8	22.9	23.1	21.4
	451	24.1	22.8	22.8	22.3	23.9	20.6
	452	24.1	22.8	22.8	22.3	23.9	20.6
	453	21.8	22.0	23.7	22.7	27.1	23.9
	454	21.8	22.0	23.7	22.7	27.1	23.9
	455	19.6	19.0	18.0	18.3	18.4	17.3
	456	19.6	19.0	18.0	18.3	18.4	17.3
	457	21.2	23.4	21.3	18.0	19.4	17.0
	458	21.2	23.4	21.3	18.0	19.4	17.0
	459	23.0	23.5	20.6	21.9	21.2	20.5
	460	23.0	23.5	20.6	21.9	21.2	20.5
	461	27.2	26.1	26.2	26.4	26.7	24.7
	462	27.2	26.1	26.2	26.4	26.7	24.7
	463	19.9	19.0	19.9	19.3	19.1	13.2
	464	19.9	19.0	19.9	19.3	19.1	13.2
	465	20.5		20.5	19.3	19.2	20.4
	466	20.5		20.5	19.3	19.2	20.4
	467	25.9	24.2	23.6	22.6	22.0	21.1
	468	25.9	24.2	23.6	22.6	22.0	21.1
	469	23.1	23.9	25.4	22.2	19.3	15.4
	470	23.1	23.9	25.4	22.2	19.3	15.4
	471						
	472						
	473	23.1	21.9	21.1	22.6	21.7	21.4
	474	23.1	21.9	21.1	22.6	21.7	21.4
	475	25.6	26.7	27.3	27.2	27.3	27.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day					
	ID	647	651	675	679	703	707
B2M	476	25.6	26.7	27.3	27.2	27.3	27.6
	477	21.6	18.1				
	478	21.6	18.1	17.0	17.8	17.0	17.3
	479	25.4	26.6	29.4	27.1	22.7	21.9
	480	25.4	26.6	29.4	27.1	22.7	21.9
B5M	521	21.2	20.3	29.9	21.2	19.7	17.5
	522	21.2	20.3	29.9	21.2	19.7	17.5
	523	23.6	22.1	23.7	22.3	22.3	20.5
	524	23.6	22.1	23.7	22.3	22.3	20.5
	525	17.3	16.5	17.2	20.2	16.6	16.2
	526	17.3	16.5	17.2	20.2	16.6	16.2
	527	24.1	21.1	24.1	22.4	22.7	17.5
	528	24.1	21.1	24.1	22.4	22.7	17.5
	529	18.0	19.4	11.9	18.3	20.8	17.7
	530	18.0	19.4	11.9	18.3		
	531	19.5	20.9	21.5	21.3	19.5	19.6
	532						
	533	18.8	18.0	17.3	17.9	16.3	16.9
	534	18.8	18.0	17.3	17.9	16.3	16.9
	535	18.0	18.8	19.0	19.4	17.6	16.7
	536	18.0	18.8	19.0	19.4	17.6	16.7
	537	22.0	23.6	20.1	20.0	18.3	18.2
	538	22.0	23.6	20.1	20.0	18.3	18.2
	539	22.4	21.7	21.4	23.8	22.8	22.8
	540	22.4	21.7	21.4	23.8	22.8	22.8
	541	23.9	23.4	24.2	23.5	25.7	22.5

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
B5M	542	23.9	23.4	24.2	23.5	25.7	22.5
	543	24.0	24.0	28.8		21.3	24.9
	544	24.0	24.0	28.8		21.3	24.9
	545	22.9	21.6	22.8	20.8	19.7	16.6
	546	22.9	21.6	22.8	20.8	19.7	16.6
	547	19.1	19.5	21.3	21.0	19.1	17.1
	548	19.1	19.5	21.3	21.0	19.1	17.1
	549	27.8	26.1	22.2	25.0	25.2	20.9
	550	27.8	26.1	22.2	25.0	25.2	20.9
	551	22.3	24.6	23.5	24.1	24.1	21.3
	552	22.3	24.6	23.5	24.1	24.1	21.3
	553	22.4	23.1	20.9	21.2	21.6	19.5
	554	22.4	23.1	20.9	21.2	21.6	19.5
	555	24.6	21.0	19.7	20.7	19.2	18.2
	556	24.6	21.0	19.7	20.7	19.2	18.2
	557	19.6	19.5	18.2	19.6	18.8	18.7
	558	19.6	19.5	18.2	19.6	18.8	18.7
	559	20.3	21.0	22.4	21.4	22.6	20.7
	560	20.3	21.0	22.4	21.4	22.6	20.7
	561	22.4	23.9	21.8	22.8	23.7	21.6
	562	22.4	23.9	21.8	22.8	23.7	21.6
	563	21.8	22.2				
	564	21.8	22.2	21.8	22.3	24.8	23.4
	565	21.9	22.9	22.9	22.7	22.2	20.5
	566	21.9	22.9	22.9	22.7	22.2	20.5
	567						

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day					
	ID	647	651	675	679	703	707
B5M	568	26.7	30.2	21.9	27.1	23.9	28.5
	569	24.1	22.7	12.4	23.8	24.7	22.9
	570	24.1	22.7	12.4	23.8	24.7	22.9
	571	20.8	21.5	24.8	23.8	24.6	23.2
	572	20.8	21.5	24.8	23.8	24.6	23.2
	573	21.0	22.1	22.0	21.5	21.3	17.0
	574	21.0	22.1	22.0	21.5	21.3	17.0
	575	20.5	19.8	20.8	19.6	20.2	18.5
	576	20.5	19.8	20.8	19.6	20.2	18.5
	577	22.4	21.4	22.7	21.5	20.9	19.3
	578	22.4	21.4	22.7	21.5	20.9	19.3
	579						
	580	28.2	28.4	21.5	25.6	23.3	23.7
E0.2M	621	23.0	22.5	24.9	23.4	25.5	24.7
	622	23.0	22.5	24.9	23.4	25.5	24.7
	623	22.0	23.4	23.7	23.3	8.4	16.7
	624	22.0	23.4	23.7	23.3	8.4	16.7
	625						
	626	24.8	26.7	23.2	22.8		31.9
	627	20.1	21.2	21.2	19.9	19.1	17.9
	628	20.1	21.2	21.2	19.9	19.1	17.9
	629	21.2	22.3	22.8	21.4	23.0	21.7
	630	21.2	22.3	22.8	21.4	23.0	21.7
	631	21.4	21.5	20.9	19.8	19.6	18.3
	632	21.4	21.5	20.9	19.8	19.6	18.3
	633	26.5	24.7	22.6	22.5	22.1	20.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
E0.2M	634	26.5	24.7	22.6	22.5	22.1	20.6
	635	20.3	20.3	22.8	20.7	19.8	19.9
	636	20.3	20.3	22.8	20.7	19.8	19.9
	637	19.8	20.7	19.4	20.8	18.9	19.9
	638	19.8	20.7	19.4	20.8	18.9	19.9
	639	20.2	20.3	20.1	20.3	21.6	20.0
	640	20.2	20.3	20.1	20.3	21.6	20.0
	641	23.6	23.5	22.1	22.0	20.6	19.2
	642	23.6	23.5	22.1	22.0	20.6	19.2
	643	21.0	21.4	19.9	18.5	18.0	17.1
	644	21.0	21.4	19.9	18.5	18.0	17.1
	645	20.7	21.8	24.4	21.9	20.9	20.2
	646						
	647	20.8	19.6	21.0	20.8	21.2	18.0
	648	20.8	19.6	21.0	20.8	21.2	18.0
	649	19.0	19.0	20.4	18.2		
	650	19.0	19.0	20.4	18.2	23.7	21.7
	651	22.0	22.8	20.6	21.4	21.2	20.8
	652	22.0	22.8	20.6	21.4	21.2	20.8
	653	21.6	21.4	18.9	18.3	18.8	18.6
	654	21.6	21.4	18.9	18.3	18.8	18.6
	655	19.1	18.3	18.3	17.6	17.4	18.5
	656	19.1	18.3	18.3	17.6	17.4	18.5
	657	23.7	24.1	21.6	22.6	20.9	21.0
	658	23.7	24.1	21.6	22.6	20.9	21.0
	659	19.9	20.6	22.0	21.5	18.9	17.5

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
E0.2M	660	19.9	20.6	22.0	21.5	18.9	17.5
	661	31.7	25.9	4.8			
	662						
	663	23.1	22.6	22.9	22.3	21.8	21.2
	664	23.1	22.6	22.9	22.3	21.8	21.2
	665	19.8	19.7	18.2	17.8	19.2	18.4
	666	19.8	19.7	18.2	17.8	19.2	18.4
	667	24.7	23.6	16.5	17.9	13.6	15.6
	668	24.7	23.6	16.5	17.9	13.6	15.6
	669	20.3	21.0	20.6	20.5	20.4	19.8
	670	20.3	21.0	20.6	20.5	20.4	19.8
	671	24.3	25.4	24.1		22.5	21.5
	672	24.3	25.4	24.1		22.5	21.5
	673	19.9	21.0	20.4	19.3	18.3	20.6
	674	19.9	21.0	20.4	19.3	18.3	20.6
	675						
	676	23.4	23.4	22.7	22.8	24.1	23.2
	677	21.2	21.1	20.0	21.4	20.3	19.7
	678	21.2	21.1	20.0	21.4	20.3	19.7
	679	24.3	24.7				
	680						
E2M	721	19.6	19.7	20.6	18.8	18.0	17.3
	722	19.6	19.7	20.6	18.8	18.0	17.3
	723	19.9	21.0	20.2	20.5	19.8	18.6
	724	19.9	21.0	20.2	20.5	19.8	18.6
	725	25.9	24.8	26.0	23.6	25.6	21.4

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day					
	ID	647	651	675	679	703	707
E2M	726	25.9	24.8	26.0	23.6	25.6	21.4
	727	25.5	24.3	25.2	22.7	25.7	22.1
	728	25.5	24.3				
	729	20.3	20.7	20.7	19.5	19.4	17.7
	730	20.3	20.7	20.7	19.5	19.4	17.7
	731	23.3	24.5	22.1	22.3	17.3	21.2
	732	23.3	24.5	22.1	22.3	17.3	21.2
	733	22.3	23.1	22.8	22.8	20.1	20.7
	734	22.3	23.1	22.8	22.8	20.1	20.7
	735	22.3	22.4	22.1	22.0	22.3	22.1
	736	22.3	22.4	22.1	22.0	22.3	22.1
	737	21.8	19.9	19.7	20.3	19.6	18.4
	738	21.8	19.9	19.7	20.3	19.6	18.4
	739	21.4	19.5	17.8	18.6	18.5	17.0
	740	21.4	19.5	17.8	18.6	18.5	17.0
	741	23.7	19.1	23.9	23.6	23.5	23.1
	742	23.7	19.1	23.9	23.6	23.5	23.1
	743	18.9	19.1	18.8	17.7	17.5	16.9
	744	18.9	19.1	18.8	17.7	17.5	16.9
	745	19.3	19.9	19.4	20.0	19.2	19.4
	746	19.3	19.9	19.4	20.0	19.2	19.4
	747	25.4	23.0	21.5	21.1	20.4	21.4
	748	25.4	23.0				
	749	17.6	15.9	12.4			
	750	17.6	15.9	12.4	19.2	16.1	16.2
	751	22.5	22.9	23.3	22.6	19.3	18.5

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
E2M	752	22.5	22.9	23.3	22.6	19.3	18.5
	753	22.4	22.1	19.9	20.4	19.7	20.8
	754						
	755						
	756	31.2	30.3	34.2	32.3	31.5	30.8
	757	21.5	22.0	24.4	23.9	21.4	20.8
	758	21.5	22.0	24.4	23.9	21.4	20.8
	759	19.9	20.3				
	760	19.9	20.3	19.6	17.7	13.1	12.1
	761	22.6	20.2	8.1	16.8	20.2	18.9
	762	22.6	20.2	8.1	16.8	20.2	18.9
	763	22.8	22.1	21.1	19.8	20.9	19.9
	764	22.8	22.1	21.1	19.8	20.9	19.9
	765	22.4	26.5	21.6	21.3	24.6	17.5
	766	22.4	26.5	21.6	21.3	24.6	17.5
	767						
	768	26.6	28.2	18.4	26.8	27.0	26.7
	769						
	770	35.0	25.6	11.3	19.3	33.9	27.5
	771	23.3	22.5	21.5	21.2	23.7	23.4
	772	23.3	22.5	21.5	21.2	23.7	23.4
	773	20.6	21.6	10.2	11.1		
	774	20.6	21.6	10.2	11.1	16.4	17.1
	775	21.9	21.2	21.0	21.0	17.0	18.4
	776	21.9	21.2	21.0	21.0	17.0	18.4
	777	21.9	22.9	19.2	19.1	18.4	14.4

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
E2M	778						
	779	25.0	25.0	22.5	22.8	23.4	21.5
	780	25.0	25.0	22.5	22.8	23.4	21.5
E5M	821	22.5	23.5	21.1	17.6		11.5
	822	22.5	23.5	21.1	17.6		11.5
	823	24.8	24.9	22.3	28.1	24.3	23.5
	824	24.8	24.9	22.3	28.1	24.3	23.5
	825	21.2	21.1	21.4	23.6	20.9	20.1
	826	21.2	21.1	21.4	23.6	20.9	20.1
	827						
	828	22.7	22.0	17.1	24.2	18.5	21.8
	829						
	830	22.4	17.4	25.2	21.7	22.1	20.3
	831	21.8	20.9	21.2	22.3	20.6	21.1
	832	21.8	20.9	21.2	22.3	20.6	21.1
	833	28.6	27.4	20.8	25.3	8.6	18.7
	834						
	835	18.6	18.7	18.9	18.6	18.3	17.7
	836						
	837	22.1	22.1	21.8	22.6	22.1	19.9
	838	22.1	22.1	21.8	22.6	22.1	19.9
	839	19.1	17.9	19.5	19.6	18.9	18.6
	840	19.1	17.9	19.5	19.6	18.9	18.6
	841	19.1	18.8	19.6	19.2	20.1	18.2
	842	19.1	18.8	19.6	19.2	20.1	18.2
	843						

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
E5M	844	20.3	20.1	20.1	20.3	20.8	19.7
	845						
	846	19.3	19.6	19.7	19.9	14.4	8.4
	847	21.1	20.2	20.3	22.3	20.4	16.3
	848						
	849	20.4	22.6	21.5	22.4	21.3	19.1
	850	20.4	22.6	21.5	22.4	21.3	19.1
	851	18.2	18.4	21.1	20.9	25.5	20.1
	852						
	853	17.7	17.2	15.9	15.4	19.1	15.9
	854	17.7	17.2	15.9	15.4		
	855	16.7	18.3	13.2	16.4	19.3	17.1
	856	16.7	18.3	13.2	16.4		
	857						
	858						
	859	22.6	20.3	20.4	22.6	22.4	19.6
	860	22.6	20.3	20.4	22.6	22.4	19.6
	861	23.8	22.9	27.6	21.6	18.0	18.1
	862	23.8	22.9	27.6	21.6	18.0	18.1
	863	20.4	19.6	21.8	21.1	20.5	20.1
	864	20.4	19.6	21.8	21.1	20.5	20.1
	865	21.9	22.2	22.6	22.9	20.5	19.2
	866	21.9	22.2	22.6	22.9	20.5	19.2
	867	19.0	18.9	18.9	20.0	17.5	16.2
	868						
	869	18.3	17.5	16.4	18.3	14.2	15.6

Table F-7. Individual Animal Feed Consumed (g) per Day – Males (Continued)

Group	Animal	Day					
	ID	647	651	675	679	703	707
E5M	870	18.3	17.5	16.4	18.3	14.2	15.6
	871	19.7	18.3	19.8	18.4	17.5	16.0
	872	19.7	18.3	19.8	18.4	17.5	16.0
	873	23.0	21.2	23.4	22.7	22.3	20.6
	874	23.0	21.2	23.4	22.7	22.3	20.6
	875	28.0	27.3	29.9	28.2	29.5	22.5
	876	28.0	27.3	29.9	28.2	29.5	22.5
	877	25.9	26.6	25.6	25.6	24.8	22.9
	878	25.9	26.6	25.6	25.6	24.8	22.9
	879	23.4	23.7	22.4	24.6	22.8	20.5
	880	23.4	23.7	22.4	24.6	22.8	20.5

Table F-8. Individual Animal Feed Consumed (g) per Day – Females

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
CF	1121	14.7	15.1	15.1	15.6	15.3	14.6	14.2	14.4	14.5	14.2
	1122	14.7	15.1	15.1	15.6	15.3	14.6	14.2	14.4	14.5	14.2
	1123	14.7	15.1	15.1	15.6	15.3	14.6	14.2	14.4	14.5	14.2
	1124	15.7	14.4	15.2	15.7	15.0	15.4	13.7	15.4	15.1	14.2
	1125	15.7	14.4	15.2	15.7	15.0	15.4	13.7	15.4	15.1	14.2
	1126	15.7	14.4	15.2	15.7	15.0	15.4	13.7	15.4	15.1	14.2
	1127	12.9	13.8	13.6	14.3	13.8	14.7	14.9	13.6	13.8	14.6
	1128	12.9	13.8	13.6	14.3	13.8	14.7	14.9	13.6	13.8	14.6
	1129	12.9	13.8	13.6	14.3	13.8	14.7	14.9	13.6	13.8	14.6
	1130	13.0	13.7	13.9	13.9	14.5	13.9	13.8	13.1	13.9	14.0
	1131	13.0	13.7	13.9	13.9	14.5	13.9	13.8	13.1	13.9	14.0
	1132	13.0	13.7	13.9	13.9	14.5	13.9	13.8	13.1	13.9	14.0
	1133	13.1	14.5	14.2	14.6	15.1	14.3	14.1	13.2	13.5	13.9
	1134	13.1	14.5	14.2	14.6	15.1	14.3	14.1	13.2	13.5	13.9
	1135	13.1	14.5	14.2	14.6	15.1	14.3	14.1	13.2	13.5	13.9
	1136	12.8	13.1	12.8	12.9	12.9	12.3	12.1	11.9	11.4	12.7
	1137	12.8	13.1	12.8	12.9	12.9	12.3	12.1	11.9	11.4	12.7
	1138	12.8	13.1	12.8	12.9	12.9	12.3	12.1	11.9	11.4	12.7
	1139	14.6	14.7	14.9	15.0	15.8	15.3	14.1	14.0	15.5	14.1
	1140	14.6	14.7	14.9	15.0	15.8	15.3	14.1	14.0	15.5	14.1
	1141	14.6	14.7	14.9	15.0	15.8	15.3	14.1	14.0	15.5	14.1
	1142	14.6	14.6	14.1	15.3	16.6	16.6	15.8	14.9	16.1	14.4
	1143	14.6	14.6	14.1	15.3	16.6	16.6	15.8	14.9	16.1	14.4
	1144	14.6	14.6	14.1	15.3	16.6	16.6	15.8	14.9	16.1	14.4
	1145	14.0	14.0	13.8	13.1	13.4	13.6	13.2	13.4	13.0	13.7
	1146	14.0	14.0	13.8	13.1	13.4	13.6	13.2	13.4	13.0	13.7

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	7	14	21	28	35	42	49	56	63	70
CF	1147	14.0	14.0	13.8	13.1	13.4	13.6	13.2	13.4	13.0	13.7
	1148	12.8	13.5	13.4	13.4	14.0	13.1	13.1	12.7	13.4	13.4
	1149	12.8	13.5	13.4	13.4	14.0	13.1	13.1	12.7	13.4	13.4
	1150	12.8	13.5	13.4	13.4	14.0	13.1	13.1	12.7	13.4	13.4
	1151	13.4	14.6	13.9	13.8	13.7	12.7	12.8	12.2	11.9	12.3
	1152	13.4	14.6	13.9	13.8	13.7	12.7	12.8	12.2	11.9	12.3
	1153	13.4	14.6	13.9	13.8	13.7	12.7	12.8	12.2	11.9	12.3
	1154	12.8	13.7	14.2	15.3	14.9	15.7	13.4	12.9	13.4	13.3
	1155	12.8	13.7	14.2	15.3	14.9	15.7	13.4	12.9	13.4	13.3
	1156	12.8	13.7	14.2	15.3	14.9	15.7	13.4	12.9	13.4	13.3
	1157	12.1	13.5	13.5	13.3	12.8	13.5	13.4	12.0	12.5	12.4
	1158	12.1	13.5	13.5	13.3	12.8	13.5	13.4	12.0	12.5	12.4
	1159	12.1	13.5	13.5	13.3	12.8	13.5	13.4	12.0	12.5	12.4
	1160	15.0	16.6	16.6	15.4		17.4	14.5	14.9	15.9	15.2
	1161	15.0	16.6	16.6	15.4		17.4	14.5	14.9	15.9	15.2
	1162	15.0	16.6	16.6	15.4		17.4	14.5	14.9	15.9	15.2
	1163	12.4	13.9	13.3	13.9	15.6			13.0	15.7	13.0
	1164	12.4	13.9	13.3	13.9	15.6			13.0	15.7	13.0
	1165	12.4	13.9	13.3	13.9	15.6			13.0	15.7	13.0
	1166	13.7	14.5	15.3	15.0	15.1	14.2	13.1	13.5	12.7	12.5
	1167	13.7	14.5	15.3	15.0	15.1	14.2	13.1	13.5	12.7	12.5
	1168	13.7	14.5	15.3	15.0	15.1	14.2	13.1	13.5	12.7	12.5
	1169	13.3	15.1	14.9	15.1	15.1	16.0	14.2	13.7	12.9	13.3
	1170	13.3	15.1	14.9	15.1	15.1	16.0	14.2	13.7	12.9	13.3
	1171	13.3	15.1	14.9	15.1	15.1	16.0	14.2	13.7	12.9	13.3
	1172	14.1	14.7	15.5	14.0	15.1	14.6	14.8	13.9	14.8	13.7

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
CF	1173	14.1	14.7	15.5	14.0	15.1	14.6	14.8	13.9	14.8	13.7
	1174	14.1	14.7	15.5	14.0	15.1	14.6	14.8	13.9	14.8	13.7
	1175	14.0	14.6	14.3	14.3	14.6	15.3	13.0	14.5	14.3	14.9
	1176	14.0	14.6	14.3	14.3	14.6	15.3	13.0	14.5	14.3	14.9
	1177	14.0	14.6	14.3	14.3	14.6	15.3	13.0	14.5	14.3	14.9
	1178	14.4	13.9	14.7	14.8	16.2	14.9	15.3	14.0	14.5	14.3
	1179	14.4	13.9	14.7	14.8	16.2	14.9	15.3	14.0	14.5	14.3
	1180	14.4	13.9	14.7	14.8	16.2	14.9	15.3	14.0	14.5	14.3
CBF	1201	14.3	14.9	15.2	15.5	15.7	16.8	14.6	13.5	15.4	13.1
	1202	14.3	14.9	15.2	15.5	15.7	16.8	14.6	13.5	15.4	13.1
	1203	14.3	14.9	15.2	15.5	15.7	16.8	14.6	13.5	15.4	13.1
	1204	12.9	13.6	13.8	14.2	13.8	13.6	13.8	13.3	13.2	12.6
	1205	12.9	13.6	13.8	14.2	13.8	13.6	13.8	13.3	13.2	12.6
	1206	12.9	13.6	13.8	14.2	13.8	13.6	13.8	13.3	13.2	12.6
	1207	16.0	16.8	16.8	15.8	15.8	16.2	16.1	15.8	14.7	15.7
	1208	16.0	16.8	16.8	15.8	15.8	16.2	16.1	15.8	14.7	15.7
	1209	16.0	16.8	16.8	15.8	15.8	16.2	16.1	15.8	14.7	15.7
	1210	14.8	16.7	16.2	16.2	15.6	15.5	14.5	14.8	15.7	14.8
	1211	14.8	16.7	16.2	16.2	15.6	15.5	14.5	14.8	15.7	14.8
	1212	14.8	16.7	16.2	16.2	15.6	15.5	14.5	14.8	15.7	14.8
	1213	15.5	16.3	16.2	15.9	16.9	15.5	15.4	15.3	14.8	14.6
	1214	15.5	16.3	16.2	15.9	16.9	15.5	15.4	15.3	14.8	14.6
	1215	15.5	16.3	16.2	15.9	16.9	15.5	15.4	15.3	14.8	14.6
	1216	13.0	15.1	15.1	14.9					18.0	14.0
	1217	13.0	15.1	15.1	14.9					18.0	14.0
	1218	13.0	15.1	15.1	14.9					18.0	14.0

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	7	14	21	28	35	42	49	56	63	70
CBF	1219	15.4	14.2	14.6	14.2	14.2	13.8	13.2	12.4	12.8	12.9
	1220	15.4	14.2	14.6	14.2	14.2	13.8	13.2	12.4	12.8	12.9
	1221	15.4	14.2	14.6	14.2	14.2	13.8	13.2	12.4	12.8	12.9
	1222	14.0	15.5	15.5	15.3	14.8	14.7	15.5	13.9	14.5	14.3
	1223	14.0	15.5	15.5	15.3	14.8	14.7	15.5	13.9	14.5	14.3
	1224	14.0	15.5	15.5	15.3	14.8	14.7	15.5	13.9	14.5	14.3
	1225	13.9	15.0	14.8	14.8	14.0	13.0	13.9	13.6	13.4	13.8
	1226	13.9	15.0	14.8	14.8	14.0	13.0	13.9	13.6	13.4	13.8
	1227	13.9	15.0	14.8	14.8	14.0	13.0	13.9	13.6	13.4	13.8
	1228	13.2	14.8	15.2	14.5	14.1	13.3	14.0	12.7	13.8	13.1
	1229	13.2	14.8	15.2	14.5	14.1	13.3	14.0	12.7	13.8	13.1
	1230	13.2	14.8	15.2	14.5	14.1	13.3	14.0	12.7	13.8	13.1
	1231	13.8	14.0	15.3	15.0	15.2	14.8	14.5			16.3
	1232	13.8	14.0	15.3	15.0	15.2	14.8	14.5			16.3
	1233	13.8	14.0	15.3	15.0	15.2	14.8	14.5			16.3
	1234	11.9	13.4	14.5	14.4	15.0	13.8	13.0	13.0	13.7	13.4
	1235	11.9	13.4	14.5	14.4	15.0	13.8	13.0	13.0	13.7	13.4
	1236	11.9	13.4	14.5	14.4	15.0	13.8	13.0	13.0	13.7	13.4
	1237	14.9	16.0	15.7	16.7	16.0	17.0	16.7	16.1	15.9	15.0
	1238	14.9	16.0	15.7	16.7	16.0	17.0	16.7	16.1	15.9	15.0
	1239	14.9	16.0	15.7	16.7	16.0	17.0	16.7	16.1	15.9	15.0
	1240	13.7	14.9	14.3	14.6	14.8	14.2	14.8	14.2	14.7	15.0
	1241	13.7	14.9	14.3	14.6	14.8	14.2	14.8	14.2	14.7	15.0
	1242	13.7	14.9	14.3	14.6	14.8	14.2	14.8	14.2	14.7	15.0
	1243	13.5	14.7	15.0	15.9	14.4	13.6	14.2	14.3	14.3	14.3
	1244	13.5	14.7	15.0	15.9	14.4	13.6	14.2	14.3	14.3	14.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	7	14	21	28	35	42	49	56	63	70
CBF	1245	13.5	14.7	15.0	15.9	14.4	13.6	14.2	14.3	14.3	14.3
	1246	15.0	16.8	16.8	16.5	17.6	15.5	16.0	14.9	14.6	15.0
	1247	15.0	16.8	16.8	16.5	17.6	15.5	16.0	14.9	14.6	15.0
	1248	15.0	16.8	16.8	16.5	17.6	15.5	16.0	14.9	14.6	15.0
	1249	13.7	13.6	13.3	14.7	14.8	13.2	12.9	13.7	13.5	13.3
	1250	13.7	13.6	13.3	14.7	14.8	13.2	12.9	13.7	13.5	13.3
	1251	13.7	13.6	13.3	14.7	14.8	13.2	12.9	13.7	13.5	13.3
	1252	12.5	12.9	12.8	12.8	12.7	12.9	13.2	12.5	12.3	12.2
	1253	12.5	12.9	12.8	12.8	12.7	12.9	13.2	12.5	12.3	12.2
	1254	12.5	12.9	12.8	12.8	12.7	12.9	13.2	12.5	12.3	12.2
	1255	12.8	13.1	13.4	13.4	13.4	13.4	12.0	13.6	13.3	13.0
	1256	12.8	13.1	13.4	13.4	13.4	13.4	12.0	13.6	13.3	13.0
	1257	12.8	13.1	13.4	13.4	13.4	13.4	12.0	13.6	13.3	13.0
	1258	12.7	14.2	13.7	13.1	13.6	11.9	12.1	12.8	12.0	11.9
	1259	12.7	14.2	13.7	13.1	13.6	11.9	12.1	12.8	12.0	11.9
	1260	12.7	14.2	13.7	13.1	13.6	11.9	12.1	12.8	12.0	11.9
B0.2F	1321	13.1	13.9	13.7	13.1	13.1	13.5	13.4	12.2	13.1	13.3
	1322	13.1	13.9	13.7	13.1	13.1	13.5	13.4	12.2	13.1	13.3
	1323	13.1	13.9	13.7	13.1	13.1	13.5	13.4	12.2	13.1	13.3
	1324	13.7	15.1	15.3	14.5	15.6	15.7	15.2	13.8	14.7	14.2
	1325	13.7	15.1	15.3	14.5	15.6	15.7	15.2	13.8	14.7	14.2
	1326	13.7	15.1	15.3	14.5	15.6	15.7	15.2	13.8	14.7	14.2
	1327	13.2	14.9	13.9	14.1	14.0	14.3	14.0	13.4	14.1	14.1
	1328	13.2	14.9	13.9	14.1	14.0	14.3	14.0	13.4	14.1	14.1
	1329	13.2	14.9	13.9	14.1	14.0	14.3	14.0	13.4	14.1	14.1
	1330	12.3	13.8	13.8	13.9	13.9	12.9	14.2	13.7	12.8	12.8
	1331	12.3	13.8	13.8	13.9	13.9	12.9	14.2	13.7	12.8	12.8

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
B0.2F	1332	12.3	13.8	13.8	13.9	13.9	12.9	14.2	13.7	12.8	12.8
	1333	13.2	13.9	13.8	14.1	14.4	13.2	13.3	12.6	13.2	12.4
	1334	13.2	13.9	13.8	14.1	14.4	13.2	13.3	12.6	13.2	12.4
	1335	13.2	13.9	13.8	14.1	14.4	13.2	13.3	12.6	13.2	12.4
	1336	13.8	15.2	15.0	15.0	15.1	15.0	13.1	13.0	12.8	14.3
	1337	13.8	15.2	15.0	15.0	15.1	15.0	13.1	13.0	12.8	14.3
	1338	13.8	15.2	15.0	15.0	15.1	15.0	13.1	13.0	12.8	14.3
	1339	13.5	14.7	14.2	15.7	16.1	14.1	14.0	13.6	13.4	14.0
	1340	13.5	14.7	14.2	15.7	16.1	14.1	14.0	13.6	13.4	14.0
	1341	13.5	14.7	14.2	15.7	16.1	14.1	14.0	13.6	13.4	14.0
	1342	14.1	15.3	14.9	14.6	14.4	15.4	15.8	13.8	14.1	14.6
	1343	14.1	15.3	14.9	14.6	14.4	15.4	15.8	13.8	14.1	14.6
	1344	14.1	15.3	14.9	14.6	14.4	15.4	15.8	13.8	14.1	14.6
	1345	12.9	14.2	13.5	13.7	13.2	13.2	13.5	13.9	13.7	13.0
	1346	12.9	14.2	13.5	13.7	13.2	13.2	13.5	13.9	13.7	13.0
	1347	12.9	14.2	13.5	13.7	13.2	13.2	13.5	13.9	13.7	13.0
	1348	11.5	11.6	11.8	11.7	12.2	11.7	12.4	11.2	11.5	12.4
	1349	11.5	11.6	11.8	11.7	12.2	11.7	12.4	11.2	11.5	12.4
	1350	11.5	11.6	11.8	11.7	12.2	11.7	12.4	11.2	11.5	12.4
	1351	13.3	14.1	13.7	14.2	14.0	14.1	14.2	13.4	13.4	13.1
	1352	13.3	14.1	13.7	14.2	14.0	14.1	14.2	13.4	13.4	13.1
	1353	13.3	14.1	13.7	14.2	14.0	14.1	14.2	13.4	13.4	13.1
	1354	13.0	13.6	13.2	13.9	13.5	12.9	12.3	12.0	12.6	12.2
	1355	13.0	13.6	13.2	13.9	13.5	12.9	12.3	12.0	12.6	12.2
	1356	13.0	13.6	13.2	13.9	13.5	12.9	12.3	12.0	12.6	12.2
	1357	13.5	14.1	14.4	15.3	14.0	14.4	14.3	14.2	13.7	13.5

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
B0.2F	1358	13.5	14.1	14.4	15.3	14.0	14.4	14.3	14.2	13.7	13.5
	1359	13.5	14.1	14.4	15.3	14.0	14.4	14.3	14.2	13.7	13.5
	1360	13.6	13.7	13.6	14.2	14.4	13.0	13.3	12.7	13.0	12.9
	1361	13.6	13.7	13.6	14.2	14.4	13.0	13.3	12.7	13.0	12.9
	1362	13.6	13.7	13.6	14.2	14.4	13.0	13.3	12.7	13.0	12.9
	1363	13.4	13.3	14.0	14.2	13.8	13.9	14.7	13.0	12.3	13.8
	1364	13.4	13.3	14.0	14.2	13.8	13.9	14.7	13.0	12.3	13.8
	1365	13.4	13.3	14.0	14.2	13.8	13.9	14.7	13.0	12.3	13.8
	1366	14.8	14.2	14.5	14.5	14.9	13.8	13.8	15.2	12.6	12.8
	1367	14.8	14.2	14.5	14.5	14.9	13.8	13.8	15.2	12.6	12.8
	1368	14.8	14.2	14.5	14.5	14.9	13.8	13.8	15.2	12.6	12.8
	1369	14.3	15.7	15.5	15.5	15.4	14.1	13.6	13.1	14.1	14.1
	1370	14.3	15.7	15.5	15.5	15.4	14.1	13.6	13.1	14.1	14.1
	1371	14.3	15.7	15.5	15.5	15.4	14.1	13.6	13.1	14.1	14.1
	1372	12.4	12.6	12.6	12.9	12.4	12.7	12.5	12.4	12.2	11.9
	1373	12.4	12.6	12.6	12.9	12.4	12.7	12.5	12.4	12.2	11.9
	1374	12.4	12.6	12.6	12.9	12.4	12.7	12.5	12.4	12.2	11.9
	1375	14.3	15.0	14.7	15.4	15.0	15.3	14.6	14.6	16.1	13.8
	1376	14.3	15.0	14.7	15.4	15.0	15.3	14.6	14.6	16.1	13.8
	1377	14.3	15.0	14.7	15.4	15.0	15.3	14.6	14.6	16.1	13.8
	1378	11.6	13.7	13.2	13.6	12.9	13.3	12.9	11.6	12.1	12.8
	1379	11.6	13.7	13.2	13.6	12.9	13.3	12.9	11.6	12.1	12.8
	1380	11.6	13.7	13.2	13.6	12.9	13.3	12.9	11.6	12.1	12.8
B2F	1421	11.8	14.8	14.7	14.8	13.7	14.6	14.9	16.2	15.8	13.2
	1422	11.8	14.8	14.7	14.8	13.7	14.6	14.9	16.2	15.8	13.2
	1423	11.8	14.8	14.7	14.8	13.7	14.6	14.9	16.2	15.8	13.2
	1424	11.1	12.9	12.2	13.0	12.6	13.2	12.5	12.5	12.0	12.0

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	7	14	21	28	35	42	49	56	63	70
B2F	1425	11.1	12.9	12.2	13.0	12.6	13.2	12.5	12.5	12.0	12.0
	1426	11.1	12.9	12.2	13.0	12.6	13.2	12.5	12.5	12.0	12.0
	1427	11.8	13.1	13.3	14.2	10.5	15.1	15.0		17.2	14.3
	1428	11.8	13.1	13.3	14.2	10.5	15.1	15.0		17.2	14.3
	1429	11.8	13.1	13.3	14.2	10.5	15.1	15.0		17.2	14.3
	1430	12.9	14.7	15.3	15.8	14.8		14.8	14.8	14.1	13.8
	1431	12.9	14.7	15.3	15.8	14.8		14.8	14.8	14.1	13.8
	1432	12.9	14.7	15.3	15.8	14.8		14.8	14.8	14.1	13.8
	1433	12.6	13.9	13.9	13.5	13.1	13.4	12.6	12.8	12.0	13.6
	1434	12.6	13.9	13.9	13.5	13.1	13.4	12.6	12.8	12.0	13.6
	1435	12.6	13.9	13.9	13.5	13.1	13.4	12.6	12.8	12.0	13.6
	1436	11.7	13.7	13.7	14.9	13.8	14.4	14.0	13.8	12.8	12.4
	1437	11.7	13.7	13.7	14.9	13.8	14.4	14.0	13.8	12.8	12.4
	1438	11.7	13.7	13.7	14.9	13.8	14.4	14.0	13.8	12.8	12.4
	1439	11.9	12.6	12.8	12.6	12.9	13.7	12.9	12.7	12.9	11.8
	1440	11.9	12.6	12.8	12.6	12.9	13.7	12.9	12.7	12.9	11.8
	1441	11.9	12.6	12.8	12.6	12.9	13.7	12.9	12.7	12.9	11.8
	1442	13.6	14.6	14.9	16.0	15.9	16.7	16.3	16.5	16.1	15.3
	1443	13.6	14.6	14.9	16.0	15.9	16.7	16.3	16.5	16.1	15.3
	1444	13.6	14.6	14.9	16.0	15.9	16.7	16.3	16.5	16.1	15.3
	1445	14.0	14.2	14.1	14.8	13.5	14.5	13.8	14.9	14.8	14.4
	1446	14.0	14.2	14.1	14.8	13.5	14.5	13.8	14.9	14.8	14.4
	1447	14.0	14.2	14.1	14.8	13.5	14.5	13.8	14.9	14.8	14.4
	1448	11.2	12.1	12.5	13.0	12.0	12.5	12.1	12.7	12.0	12.9
	1449	11.2	12.1	12.5	13.0	12.0	12.5	12.1	12.7	12.0	12.9
	1450	11.2	12.1	12.5	13.0	12.0	12.5	12.1	12.7	12.0	12.9
	1451	12.2	13.1	12.8	13.9	13.8	13.4	15.0	13.5	12.9	13.0

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	7	14	21	28	35	42	49	56	63	70
B2F	1452	12.2	13.1	12.8	13.9	13.8	13.4	15.0	13.5	12.9	13.0
	1453	12.2	13.1	12.8	13.9	13.8	13.4	15.0	13.5	12.9	13.0
	1454	12.1	13.7	13.8	15.1	14.6	14.7	13.9	13.8	14.0	14.2
	1455	12.1	13.7	13.8	15.1	14.6	14.7	13.9	13.8	14.0	14.2
	1456	12.1	13.7	13.8	15.1	14.6	14.7	13.9	13.8	14.0	14.2
	1457	13.6	14.0	13.9	14.2	14.5	15.7	14.2			16.1
	1458	13.6	14.0	13.9	14.2	14.5	15.7	14.2			16.1
	1459	13.6	14.0	13.9	14.2	14.5	15.7	14.2			16.1
	1460	12.6	14.0	14.2	13.5	12.9	12.8	13.0	13.5	13.5	13.0
	1461	12.6	14.0	14.2	13.5	12.9	12.8	13.0	13.5	13.5	13.0
	1462	12.6	14.0	14.2	13.5	12.9	12.8	13.0	13.5	13.5	13.0
	1463	14.2	17.4	17.8		17.8	13.8	14.0	13.8	14.4	14.0
	1464	14.2	17.4	17.8		17.8	13.8	14.0	13.8	14.4	14.0
	1465	14.2	17.4	17.8		17.8	13.8	14.0	13.8	14.4	14.0
	1466	12.4	14.1	14.4	13.3	13.6	13.1	13.6	12.7	12.5	13.1
	1467	12.4	14.1	14.4	13.3	13.6	13.1	13.6	12.7	12.5	13.1
	1468	12.4	14.1	14.4	13.3	13.6	13.1	13.6	12.7	12.5	13.1
	1469	11.7	13.0	12.4	14.2	12.6	14.0	13.5	13.0	13.1	13.4
	1470	11.7	13.0	12.4	14.2	12.6	14.0	13.5	13.0	13.1	13.4
	1471	11.7	13.0	12.4	14.2	12.6	14.0	13.5	13.0	13.1	13.4
	1472	12.8	13.6	13.5	13.4	12.6	13.3	13.7	13.1	13.3	12.9
	1473	12.8	13.6	13.5	13.4	12.6	13.3	13.7	13.1	13.3	12.9
	1474	12.8	13.6	13.5	13.4	12.6	13.3	13.7	13.1	13.3	12.9
	1475	13.3	13.6	14.6	14.0	13.9	12.9	13.5	13.3	14.0	14.2
	1476	13.3	13.6	14.6	14.0	13.9	12.9	13.5	13.3	14.0	14.2
	1477	13.3	13.6	14.6	14.0	13.9	12.9	13.5	13.3	14.0	14.2
	1478	12.3	13.4	14.0	15.4	16.1	13.5	13.2	15.0	14.2	14.5

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
B2F	1479	12.3	13.4	14.0	15.4	16.1	13.5	13.2	15.0	14.2	14.5
	1480	12.3	13.4	14.0	15.4	16.1	13.5	13.2	15.0	14.2	14.5
B5F	1521	11.2	10.9	12.5	12.8	11.1	10.8	11.2	10.6	10.4	11.6
	1522	11.2	10.9	12.5	12.8	11.1	10.8	11.2	10.6	10.4	11.6
	1523	11.2	10.9	12.5	12.8	11.1	10.8	11.2	10.6	10.4	11.6
	1524	10.6	11.5	12.5	13.2	12.2	12.0	11.6	11.9	10.9	11.8
	1525	10.6	11.5	12.5	13.2	12.2	12.0	11.6	11.9	10.9	11.8
	1526	10.6	11.5	12.5	13.2	12.2	12.0	11.6	11.9	10.9	11.8
	1527	10.9	12.1	12.8	12.6	11.7	12.1	12.0	12.1	11.8	11.8
	1528	10.9	12.1	12.8	12.6	11.7	12.1	12.0	12.1	11.8	11.8
	1529	10.9	12.1	12.8	12.6	11.7	12.1	12.0	12.1	11.8	11.8
	1530	11.0	12.1	12.6	11.9	11.1	11.7	13.0	12.3	12.0	12.8
	1531	11.0	12.1	12.6	11.9	11.1	11.7	13.0	12.3	12.0	12.8
	1532	11.0	12.1	12.6	11.9	11.1	11.7	13.0	12.3	12.0	12.8
	1533	12.0	13.2	13.0	14.0	13.0	11.3	11.6	11.8	11.7	12.1
	1534	12.0	13.2	13.0	14.0	13.0	11.3	11.6	11.8	11.7	12.1
	1535	12.0	13.2	13.0	14.0	13.0	11.3	11.6	11.8	11.7	12.1
	1536	11.3	13.2	13.5	13.6	12.4	12.4	12.7	12.2	11.7	12.6
	1537	11.3	13.2	13.5	13.6	12.4	12.4	12.7	12.2	11.7	12.6
	1538	11.3	13.2	13.5	13.6	12.4	12.4	12.7	12.2	11.7	12.6
	1539	11.8	12.7	12.1	12.9	12.3	12.4	11.8	12.1	11.5	12.4
	1540	11.8	12.7	12.1	12.9	12.3	12.4	11.8	12.1	11.5	12.4
	1541	11.8	12.7	12.1	12.9	12.3	12.4	11.8	12.1	11.5	12.4
	1542	10.8	11.7	11.7	11.8	10.9	11.4	10.9	11.4	10.6	11.5
	1543	10.8	11.7	11.7	11.8	10.9	11.4	10.9	11.4	10.6	11.5
	1544	10.8	11.7	11.7	11.8	10.9	11.4	10.9	11.4	10.6	11.5
	1545	10.5	11.2	12.1	12.3	11.4	11.6	11.2	12.2	11.5	12.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
B5F	1546	10.5	11.2	12.1	12.3	11.4	11.6	11.2	12.2	11.5	12.3
	1547	10.5	11.2	12.1	12.3	11.4	11.6	11.2	12.2	11.5	12.3
	1548	11.8	13.0	12.7	13.0	12.0	12.5	11.5	12.0	11.6	12.4
	1549	11.8	13.0	12.7	13.0	12.0	12.5	11.5	12.0	11.6	12.4
	1550	11.8	13.0	12.7	13.0	12.0	12.5	11.5	12.0	11.6	12.4
	1551	10.6	12.1	13.2	13.4	12.1	12.1	11.6	11.6	11.0	11.5
	1552	10.6	12.1	13.2	13.4	12.1	12.1	11.6	11.6	11.0	11.5
	1553	10.6	12.1	13.2	13.4	12.1	12.1	11.6	11.6	11.0	11.5
	1554	11.5	13.1	13.7	14.1	13.3	12.9	12.3	12.3	10.5	11.8
	1555	11.5	13.1	13.7	14.1	13.3	12.9	12.3	12.3	10.5	11.8
	1556	11.5	13.1	13.7	14.1	13.3	12.9	12.3	12.3	10.5	11.8
	1557	12.6	14.3	13.9	13.9	13.5	13.1			12.7	12.6
	1558	12.6	14.3	13.9	13.9	13.5	13.1			12.7	12.6
	1559	12.6	14.3	13.9	13.9	13.5	13.1			12.7	12.6
	1560	11.3	12.3	12.4	12.0	11.4	12.3	11.4	12.1	12.3	11.7
	1561	11.3	12.3	12.4	12.0	11.4	12.3	11.4	12.1	12.3	11.7
	1562	11.3	12.3	12.4	12.0	11.4	12.3	11.4	12.1	12.3	11.7
	1563	12.7	14.8	14.2	12.9	12.5	12.3	11.9	12.4	10.8	11.9
	1564	12.7	14.8	14.2	12.9	12.5	12.3	11.9	12.4	10.8	11.9
	1565	12.7	14.8	14.2	12.9	12.5	12.3	11.9	12.4	10.8	11.9
	1566	10.9	12.0	12.1	11.9	11.3	11.5	10.9	10.8	10.3	10.5
	1567	10.9	12.0	12.1	11.9	11.3	11.5	10.9	10.8	10.3	10.5
	1568	10.9	12.0	12.1	11.9	11.3	11.5	10.9	10.8	10.3	10.5
	1569	11.1	13.4	13.7	13.3	12.4	12.6	12.4	11.9	11.4	11.2
	1570	11.1	13.4	13.7	13.3	12.4	12.6	12.4	11.9	11.4	11.2
	1571	11.1	13.4	13.7	13.3	12.4	12.6	12.4	11.9	11.4	11.2
	1572	11.5	12.7	12.6	12.5	12.6	12.5	12.7	12.2	10.7	12.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
B5F	1573	11.5	12.7	12.6	12.5	12.6	12.5	12.7	12.2	10.7	12.3
	1574	11.5	12.7	12.6	12.5	12.6	12.5	12.7	12.2	10.7	12.3
	1575	12.9	13.5	14.2	14.0	12.7	12.5	12.2	12.7	11.6	12.0
	1576	12.9	13.5	14.2	14.0	12.7	12.5	12.2	12.7	11.6	12.0
	1577	12.9	13.5	14.2	14.0	12.7	12.5	12.2	12.7	11.6	12.0
	1578	12.0	13.3	13.1	12.9	11.8	12.5	12.3	12.1	11.6	12.0
	1579	12.0	13.3	13.1	12.9	11.8	12.5	12.3	12.1	11.6	12.0
	1580	12.0	13.3	13.1	12.9	11.8	12.5	12.3	12.1	11.6	12.0
E0.2F	1621	13.7	14.9	14.6	14.5	15.1	15.5	16.5	15.2	14.3	14.1
	1622	13.7	14.9	14.6	14.5	15.1	15.5	16.5	15.2	14.3	14.1
	1623	13.7	14.9	14.6	14.5	15.1	15.5	16.5	15.2	14.3	14.1
	1624	12.5	13.7	13.9	14.3	14.5	13.5	13.8	13.1	13.3	12.3
	1625	12.5	13.7	13.9	14.3	14.5	13.5	13.8	13.1	13.3	12.3
	1626	12.5	13.7	13.9	14.3	14.5	13.5	13.8	13.1	13.3	12.3
	1627	12.9	13.4	13.6	13.4	13.5	14.2	14.2	13.9	13.2	13.1
	1628	12.9	13.4	13.6	13.4	13.5	14.2	14.2	13.9	13.2	13.1
	1629	12.9	13.4	13.6	13.4	13.5	14.2	14.2	13.9	13.2	13.1
	1630	14.0	14.1	14.1	14.5	14.0	13.9	13.5	13.9	13.3	13.8
	1631	14.0	14.1	14.1	14.5	14.0	13.9	13.5	13.9	13.3	13.8
	1632	14.0	14.1	14.1	14.5	14.0	13.9	13.5	13.9	13.3	13.8
	1633	14.6	14.5	14.7	15.8	14.5	14.4	15.1	14.8	13.0	14.6
	1634	14.6	14.5	14.7	15.8	14.5	14.4	15.1	14.8	13.0	14.6
	1635	14.6	14.5	14.7	15.8	14.5	14.4	15.1	14.8	13.0	14.6
	1636	15.5	15.7	16.5			18.0	15.5	14.2	14.2	14.2
	1637	15.5	15.7	16.5			18.0	15.5	14.2	14.2	14.2
	1638	15.5	15.7	16.5			18.0	15.5	14.2	14.2	14.2
	1639	13.4	14.2	15.0	15.5	15.8	16.4	16.1	15.6	15.0	15.0

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	7	14	21	28	35	42	49	56	63	70
E0.2F	1640	13.4	14.2	15.0	15.5	15.8	16.4	16.1	15.6	15.0	15.0
	1641	13.4	14.2	15.0	15.5	15.8	16.4	16.1	15.6	15.0	15.0
	1642	14.6	14.6	14.7	14.7	14.2	14.0	14.7	14.2	14.0	13.9
	1643	14.6	14.6	14.7	14.7	14.2	14.0	14.7	14.2	14.0	13.9
	1644	14.6	14.6	14.7	14.7	14.2	14.0	14.7	14.2	14.0	13.9
	1645	13.8	14.7	14.5	14.2	14.2	14.2	15.0	15.0	14.5	13.7
	1646	13.8	14.7	14.5	14.2	14.2	14.2	15.0	15.0	14.5	13.7
	1647	13.8	14.7	14.5	14.2	14.2	14.2	15.0	15.0	14.5	13.7
	1648	13.8	14.1	14.9	15.3	14.9	14.7	14.9	14.5	13.6	14.1
	1649	13.8	14.1	14.9	15.3	14.9	14.7	14.9	14.5	13.6	14.1
	1650	13.8	14.1	14.9	15.3	14.9	14.7	14.9	14.5	13.6	14.1
	1651	14.1	14.8	15.2	14.3	14.9	15.5	16.0	14.6	14.5	13.6
	1652	14.1	14.8	15.2	14.3	14.9	15.5	16.0	14.6	14.5	13.6
	1653	14.1	14.8	15.2	14.3	14.9	15.5	16.0	14.6	14.5	13.6
	1654	13.6	13.5	13.8	14.3	14.4	13.5	13.7	14.9	14.0	12.5
	1655	13.6	13.5	13.8	14.3	14.4	13.5	13.7	14.9	14.0	12.5
	1656	13.6	13.5	13.8	14.3	14.4	13.5	13.7	14.9	14.0	12.5
	1657	13.4	14.4	14.4	14.3	14.7	15.3	14.2	13.8	14.1	12.6
	1658	13.4	14.4	14.4	14.3	14.7	15.3	14.2	13.8	14.1	12.6
	1659	13.4	14.4	14.4	14.3	14.7	15.3	14.2	13.8	14.1	12.6
	1660	12.7	13.3	13.9	12.5	12.9	14.0	13.9	13.8	13.0	12.9
	1661	12.7	13.3	13.9	12.5	12.9	14.0	13.9	13.8	13.0	12.9
	1662	12.7	13.3	13.9	12.5	12.9	14.0	13.9	13.8	13.0	12.9
	1663	14.4	15.9	15.5	16.9	16.1	17.9		15.2	16.6	16.0
	1664	14.4	15.9	15.5	16.9	16.1	17.9		15.2	16.6	16.0
	1665	14.4	15.9	15.5	16.9	16.1	17.9		15.2	16.6	16.0
	1666	15.2	15.8	16.1	15.2	16.3	17.2	15.3	15.1	14.1	14.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
E0.2F	1667	15.2	15.8	16.1	15.2	16.3	17.2	15.3	15.1	14.1	14.3
	1668	15.2	15.8	16.1	15.2	16.3	17.2	15.3	15.1	14.1	14.3
	1669	15.4	18.8	15.5		17.9	14.4	14.6	14.3	14.0	13.2
	1670	15.4	18.8	15.5		17.9	14.4	14.6	14.3	14.0	13.2
	1671	15.4	18.8	15.5		17.9	14.4	14.6	14.3	14.0	13.2
	1672	12.0	13.7	13.4	12.8	12.6	13.8	13.5	13.1	12.6	12.3
	1673	12.0	13.7	13.4	12.8	12.6	13.8	13.5	13.1	12.6	12.3
	1674	12.0	13.7	13.4	12.8	12.6	13.8	13.5	13.1	12.6	12.3
	1675	12.6	13.6	13.6	12.7	13.0	13.3	13.1	13.0	13.3	12.2
	1676	12.6	13.6	13.6	12.7	13.0	13.3	13.1	13.0	13.3	12.2
	1677	12.6	13.6	13.6	12.7	13.0	13.3	13.1	13.0	13.3	12.2
	1678	14.5	14.5	15.6	14.8	14.7	14.7	14.7	14.8	14.4	14.0
	1679	14.5	14.5	15.6	14.8	14.7	14.7	14.7	14.8	14.4	14.0
	1680	14.5	14.5	15.6	14.8	14.7	14.7	14.7	14.8	14.4	14.0
E2F	1721	12.4	13.8	13.9	13.4	13.8	13.0	13.8	12.9	11.9	11.7
	1722	12.4	13.8	13.9	13.4	13.8	13.0	13.8	12.9	11.9	11.7
	1723	12.4	13.8	13.9	13.4	13.8	13.0	13.8	12.9	11.9	11.7
	1724	12.0	12.8	13.7	14.3	14.4	13.6	15.6	13.8	13.7	14.0
	1725	12.0	12.8	13.7	14.3	14.4	13.6	15.6	13.8	13.7	14.0
	1726	12.0	12.8	13.7	14.3	14.4	13.6	15.6	13.8	13.7	14.0
	1727	12.7	13.3	13.8	14.6	14.7		15.4	13.6	12.8	12.0
	1728	12.7	13.3	13.8	14.6	14.7		15.4	13.6	12.8	12.0
	1729	12.7	13.3	13.8	14.6	14.7		15.4	13.6	12.8	12.0
	1730	13.2	13.4	14.6	14.6	14.2	14.5	12.6	14.1	16.1	13.2
	1731	13.2	13.4	14.6	14.6	14.2	14.5	12.6	14.1	16.1	13.2
	1732	13.2	13.4	14.6	14.6	14.2	14.5	12.6	14.1	16.1	13.2
	1733	12.4	13.1	13.7	14.1	14.1	13.8	12.9	13.4	12.8	12.2

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	7	14	21	28	35	42	49	56	63	70
E2F	1734	12.4	13.1	13.7	14.1	14.1	13.8	12.9	13.4	12.8	12.2
	1735	12.4	13.1	13.7	14.1	14.1	13.8	12.9	13.4	12.8	12.2
	1736	14.2	14.1	14.6	14.7	14.6	14.4	14.7	13.1	12.8	12.1
	1737	14.2	14.1	14.6	14.7	14.6	14.4	14.7	13.1	12.8	12.1
	1738	14.2	14.1	14.6	14.7	14.6	14.4	14.7	13.1	12.8	12.1
	1739	14.1	14.1	14.4	15.5	16.0	15.0	13.6	14.0	14.7	13.4
	1740	14.1	14.1	14.4	15.5	16.0	15.0	13.6	14.0	14.7	13.4
	1741	14.1	14.1	14.4	15.5	16.0	15.0	13.6	14.0	14.7	13.4
	1742	13.1	13.5	13.1	13.5	14.2	14.4	14.0	13.4	13.4	12.7
	1743	13.1	13.5	13.1	13.5	14.2	14.4	14.0	13.4	13.4	12.7
	1744	13.1	13.5	13.1	13.5	14.2	14.4	14.0	13.4	13.4	12.7
	1745	12.8	14.1	13.7	14.8	14.2	14.5	14.3	14.0	14.1	13.8
	1746	12.8	14.1	13.7	14.8	14.2	14.5	14.3	14.0	14.1	13.8
	1747	12.8	14.1	13.7	14.8	14.2	14.5	14.3	14.0	14.1	13.8
	1748	13.7	14.4	14.9	14.9	15.7	15.0	13.6	13.7	13.6	14.1
	1749	13.7	14.4	14.9	14.9	15.7	15.0	13.6	13.7	13.6	14.1
	1750	13.7	14.4	14.9	14.9	15.7	15.0	13.6	13.7	13.6	14.1
	1751	11.7	13.5	14.0	14.0	13.5	13.3	13.6	12.8	11.5	11.7
	1752	11.7	13.5	14.0	14.0	13.5	13.3	13.6	12.8	11.5	11.7
	1753	11.7	13.5	14.0	14.0	13.5	13.3	13.6	12.8	11.5	11.7
	1754	13.3	14.7	15.3		17.7	15.4	14.5	15.0	13.7	13.1
	1755	13.3	14.7	15.3		17.7	15.4	14.5	15.0	13.7	13.1
	1756	13.3	14.7	15.3		17.7	15.4	14.5	15.0	13.7	13.1
	1757	14.1	15.0	14.8	14.6	14.3	15.5	14.1	13.6	13.8	13.4
	1758	14.1	15.0	14.8	14.6	14.3	15.5	14.1	13.6	13.8	13.4
	1759	14.1	15.0	14.8	14.6	14.3	15.5	14.1	13.6	13.8	13.4
	1760	12.1	13.4	13.4	13.9	13.6	13.5	13.6	13.2	12.9	12.6

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
E2F	1761	12.1	13.4	13.4	13.9	13.6	13.5	13.6	13.2	12.9	12.6
	1762	12.1	13.4	13.4	13.9	13.6	13.5	13.6	13.2	12.9	12.6
	1763	11.7	12.1	12.1	12.1	12.3	12.8	12.3	12.1	12.0	12.4
	1764	11.7	12.1	12.1	12.1	12.3	12.8	12.3	12.1	12.0	12.4
	1765	11.7	12.1	12.1	12.1	12.3	12.8	12.3	12.1	12.0	12.4
	1766	12.5	13.7	13.4	13.9	13.4	13.0	11.6	12.3	11.1	11.6
	1767	12.5	13.7	13.4	13.9	13.4	13.0	11.6	12.3	11.1	11.6
	1768	12.5	13.7	13.4	13.9	13.4	13.0	11.6	12.3	11.1	11.6
	1769	13.4	14.0	13.6	15.4	15.6	15.7	14.7	14.4	13.5	13.3
	1770	13.4	14.0	13.6	15.4	15.6	15.7	14.7	14.4	13.5	13.3
	1771	13.4	14.0	13.6	15.4	15.6	15.7	14.7	14.4	13.5	13.3
	1772	13.2	13.8	14.1	14.3	14.7	15.5		14.0	14.6	13.5
	1773	13.2	13.8	14.1	14.3	14.7	15.5		14.0	14.6	13.5
	1774	13.2	13.8	14.1	14.3	14.7	15.5		14.0	14.6	13.5
	1775	12.8	13.4	14.0	13.5	13.9	13.5	13.2	13.4	12.9	12.4
	1776	12.8	13.4	14.0	13.5	13.9	13.5	13.2	13.4	12.9	12.4
	1777	12.8	13.4	14.0	13.5	13.9	13.5	13.2	13.4	12.9	12.4
	1778	12.1	13.0	13.6	13.9	14.3	14.6	14.1	13.4	13.1	13.7
	1779	12.1	13.0	13.6	13.9	14.3	14.6	14.1	13.4	13.1	13.7
	1780	12.1	13.0	13.6	13.9	14.3	14.6	14.1	13.4	13.1	13.7
E5F	1821	11.3	12.9	13.1	13.0	11.6	12.2	11.5	10.8	9.8	10.7
	1822	11.3	12.9	13.1	13.0	11.6	12.2	11.5	10.8	9.8	10.7
	1823	11.3	12.9	13.1	13.0	11.6	12.2	11.5	10.8	9.8	10.7
	1824	11.5	12.5	12.8	13.8	12.5	12.6	12.3	11.8	10.5	9.8
	1825	11.5	12.5	12.8	13.8	12.5	12.6	12.3	11.8	10.5	9.8
	1826	11.5	12.5	12.8	13.8	12.5	12.6	12.3	11.8	10.5	9.8
	1827	10.8	12.8	13.1	13.1	11.8	13.5	12.7		10.7	11.0

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day									
		7	14	21	28	35	42	49	56	63	70
E5F	1828	10.8	12.8	13.1	13.1	11.8	13.5	12.7		10.7	11.0
	1829	10.8	12.8	13.1	13.1	11.8	13.5	12.7		10.7	11.0
	1830	11.6	12.8	12.6	12.9	12.0	12.4	12.8	12.3	11.5	12.0
	1831	11.6	12.8	12.6	12.9	12.0	12.4	12.8	12.3	11.5	12.0
	1832	11.6	12.8	12.6	12.9	12.0	12.4	12.8	12.3	11.5	12.0
	1833	12.5	13.6	13.5	14.1	13.2	13.1	12.8	12.6	11.7	12.0
	1834	12.5	13.6	13.5	14.1	13.2	13.1	12.8	12.6	11.7	12.0
	1835	12.5	13.6	13.5	14.1	13.2	13.1	12.8	12.6	11.7	12.0
	1836	10.5	13.2	12.8	12.9	12.4	13.1	12.8	12.4	11.8	11.9
	1837	10.5	13.2	12.8	12.9	12.4	13.1	12.8	12.4	11.8	11.9
	1838	10.5	13.2	12.8	12.9	12.4	13.1	12.8	12.4	11.8	11.9
	1839	12.4	12.5	13.1	14.1	12.9	12.7	12.8	12.0	11.2	11.1
	1840	12.4	12.5	13.1	14.1	12.9	12.7	12.8	12.0	11.2	11.1
	1841	12.4	12.5	13.1	14.1	12.9	12.7	12.8	12.0	11.2	11.1
	1842	11.3	12.5	12.1	12.4	11.8	12.7	11.9	11.2	10.6	10.7
	1843	11.3	12.5	12.1	12.4	11.8	12.7	11.9	11.2	10.6	10.7
	1844	11.3	12.5	12.1	12.4	11.8	12.7	11.9	11.2	10.6	10.7
	1845	12.0	13.4	13.2	14.7	12.6	12.8	13.1	12.7	13.1	12.6
	1846	12.0	13.4	13.2	14.7	12.6	12.8	13.1	12.7	13.1	12.6
	1847	12.0	13.4	13.2	14.7	12.6	12.8	13.1	12.7	13.1	12.6
	1848	11.1	12.3	12.5	12.5	11.6	11.8	11.7	11.0	10.3	10.6
	1849	11.1	12.3	12.5	12.5	11.6	11.8	11.7	11.0	10.3	10.6
	1850	11.1	12.3	12.5	12.5	11.6	11.8	11.7	11.0	10.3	10.6
	1851	11.3	13.0	13.0	11.8	11.7	12.2	10.9	11.6	10.3	10.7
	1852	11.3	13.0	13.0	11.8	11.7	12.2	10.9	11.6	10.3	10.7
	1853	11.3	13.0	13.0	11.8	11.7	12.2	10.9	11.6	10.3	10.7
	1854	11.5	12.9	13.6	13.8	13.2	12.9	12.0	12.3	10.9	11.4

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	7	14	21	28	35	42	49	56	63	70
E5F	1855	11.5	12.9	13.6	13.8	13.2	12.9	12.0	12.3	10.9	11.4
	1856	11.5	12.9	13.6	13.8	13.2	12.9	12.0	12.3	10.9	11.4
	1857	10.7	12.5	12.7	13.4	12.7	12.9	12.4	12.2	10.7	11.2
	1858	10.7	12.5	12.7	13.4	12.7	12.9	12.4	12.2	10.7	11.2
	1859	10.7	12.5	12.7	13.4	12.7	12.9	12.4	12.2	10.7	11.2
	1860	11.4	12.9	13.2	13.6	12.6	11.7	12.0	12.3	11.0	11.6
	1861	11.4	12.9	13.2	13.6	12.6	11.7	12.0	12.3	11.0	11.6
	1862	11.4	12.9	13.2	13.6	12.6	11.7	12.0	12.3	11.0	11.6
	1863	11.8	12.9	13.7	13.5	13.4	12.2	12.8	12.0	10.8	12.0
	1864	11.8	12.9	13.7	13.5	13.4	12.2	12.8	12.0	10.8	12.0
	1865	11.8	12.9	13.7	13.5	13.4	12.2	12.8	12.0	10.8	12.0
	1866	12.0	13.1	13.5	13.2	12.2	12.6	11.7	11.9	11.1	11.0
	1867	12.0	13.1	13.5	13.2	12.2	12.6	11.7	11.9	11.1	11.0
	1868	12.0	13.1	13.5	13.2	12.2	12.6	11.7	11.9	11.1	11.0
	1869	12.2	12.9	14.2	14.8	14.3	13.4	13.0	14.3	11.4	12.2
	1870	12.2	12.9	14.2	14.8	14.3	13.4	13.0	14.3	11.4	12.2
	1871	12.2	12.9	14.2	14.8	14.3	13.4	13.0	14.3	11.4	12.2
	1872	13.4	14.0	15.1		17.2	14.6	13.9	13.0	12.4	12.2
	1873	13.4	14.0	15.1		17.2	14.6	13.9	13.0	12.4	12.2
	1874	13.4	14.0	15.1		17.2	14.6	13.9	13.0	12.4	12.2
	1875	12.3	13.5	13.5	13.7	12.7	12.2	13.1	12.5	12.1	12.1
	1876	12.3	13.5	13.5	13.7	12.7	12.2	13.1	12.5	12.1	12.1
	1877	12.3	13.5	13.5	13.7	12.7	12.2	13.1	12.5	12.1	12.1
	1878	11.9	11.5	12.6	12.8	12.1	11.6	12.0	11.1	10.4	11.3
	1879	11.9	11.5	12.6	12.8	12.1	11.6	12.0	11.1	10.4	11.3
	1880	11.9	11.5	12.6	12.8	12.1	11.6	12.0	11.1	10.4	11.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
CF	1121	15.1	15.2	15.4	14.7	13.8	14.9	15.4	14.4	15.5	15.8
	1122	15.1	15.2	15.4	14.7	13.8	14.9	15.4	14.4	15.5	15.8
	1123	15.1	15.2	15.4	14.7	13.8	14.9	15.4	14.4	15.5	15.8
	1124	14.3	14.5	14.7	14.2	12.5	13.6	13.6	14.1	15.1	14.3
	1125	14.3	14.5	14.7	14.2	12.5	13.6	13.6	14.1	15.1	14.3
	1126	14.3	14.5	14.7	14.2	12.5	13.6	13.6	14.1	15.1	14.3
	1127	14.6	15.1	14.5	14.0	14.0	14.1	15.0	15.0	14.4	14.9
	1128	14.6	15.1	14.5	14.0	14.0	14.1	15.0	15.0	14.4	14.9
	1129	14.6	15.1	14.5	14.0	14.0	14.1	15.0	15.0	14.4	14.9
	1130	14.7	13.9	14.3	12.8	13.9	12.9	14.1	15.3	14.0	14.2
	1131	14.7	13.9	14.3	12.8	13.9	12.9	14.1	15.3	14.0	14.2
	1132	14.7	13.9	14.3	12.8	13.9	12.9	14.1	15.3	14.0	14.2
	1133	15.4	15.8	14.9	14.0	15.9	13.6	13.8	14.1	9.6	14.6
	1134	15.4	15.8	14.9	14.0	15.9	13.6	13.8	14.1	9.6	14.6
	1135	15.4	15.8	14.9	14.0	15.9	13.6	13.8	14.1	9.6	14.6
	1136	12.9	13.6	12.8	12.2	12.0	14.0	12.4	12.5	12.4	12.7
	1137	12.9	13.6	12.8	12.2	12.0	14.0	12.4	12.5	12.4	12.7
	1138	12.9	13.6	12.8	12.2	12.0	14.0	12.4	12.5	12.4	12.7
	1139	13.1	14.9	15.3	14.3	12.9	14.8	13.7	11.3	14.8	14.8
	1140	13.1	14.9	15.3	14.3	12.9	14.8	13.7	11.3	14.8	14.8
	1141	13.1	14.9	15.3	14.3	12.9	14.8	13.7	11.3	14.8	14.8
	1142	13.5	16.4	16.1	16.4	14.9	14.2	15.4	15.2	15.3	15.9
	1143	13.5	16.4	16.1	16.4	14.9	14.2	15.4	15.2	15.3	15.9
	1144	13.5	16.4	16.1	16.4	14.9	14.2	15.4	15.2	15.3	15.9
	1145	12.9	14.5	14.1	13.7	13.8	12.5	14.1	14.0	14.2	14.3
	1146	12.9	14.5	14.1	13.7	13.8	12.5	14.1	14.0	14.2	14.3
	1147	12.9	14.5	14.1	13.7	13.8	12.5	14.1	14.0	14.2	14.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
CF	1148	13.9	14.0	14.1	13.7	14.1	12.4	13.2	13.8	13.9	13.8
	1149	13.9	14.0	14.1	13.7	14.1	12.4	13.2	13.8	13.9	13.8
	1150	13.9	14.0	14.1	13.7	14.1	12.4	13.2	13.8	13.9	13.8
	1151	12.9	14.1	13.5	12.6	14.6	12.0	13.1	12.9	13.3	12.8
	1152	12.9	14.1	13.5	12.6	14.6	12.0	13.1	12.9	13.3	12.8
	1153	12.9	14.1	13.5	12.6	14.6	12.0	13.1	12.9	13.3	12.8
	1154	13.8	15.5	15.4	13.9	13.9	14.8	14.4	14.8	14.5	13.7
	1155	13.8	15.5	15.4	13.9	13.9	14.8	14.4	14.8	14.5	13.7
	1156	13.8	15.5	15.4	13.9	13.9	14.8	14.4	14.8	14.5	13.7
	1157	12.6	12.9	14.3	13.4	13.4	13.2	13.5	13.2	14.8	15.0
	1158	12.6	12.9	14.3	13.4	13.4	13.2	13.5	13.2	14.8	15.0
	1159	12.6	12.9	14.3	13.4	13.4	13.2	13.5	13.2	14.8	15.0
	1160	15.8	16.2	17.1	18.0	16.0	16.4	15.5	16.4	17.3	18.5
	1161	15.8	16.2	17.1	18.0	16.0	16.4	15.5	16.4	17.3	18.5
	1162	15.8	16.2	17.1	18.0	16.0	16.4	15.5	16.4	17.3	18.5
	1163	12.9	13.4	13.7	13.7	13.5	13.4	14.2	13.3	14.1	14.4
	1164	12.9	13.4	13.7	13.7	13.5	13.4	14.2	13.3	14.1	14.4
	1165	12.9	13.4	13.7	13.7	13.5	13.4	14.2	13.3	14.1	14.4
	1166	13.2	13.2	14.5	13.4	14.3	13.3	13.9	14.5	15.2	15.5
	1167	13.2	13.2	14.5	13.4	14.3	13.3	13.9	14.5	15.2	15.5
	1168	13.2	13.2	14.5	13.4	14.3	13.3	13.9	14.5	15.2	15.5
	1169	14.9	15.1	14.9	13.6	14.5	13.6	14.4	14.4	15.3	16.3
	1170	14.9	15.1	14.9	13.6	14.5	13.6	14.4	14.4	15.3	16.3
	1171	14.9	15.1	14.9	13.6	14.5	13.6	14.4	14.4	15.3	16.3
	1172	15.3	14.3	15.7	14.3	14.6	15.2	14.2	18.1	15.8	15.3
	1173	15.3	14.3	15.7	14.3	14.6	15.2	14.2	18.1	15.8	15.3
	1174	15.3	14.3	15.7	14.3	14.6	15.2	14.2	18.1	15.8	15.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
CF	1175	14.0	15.4	17.0	15.8	15.1	15.1	14.5	14.6	16.2	16.6
	1176	14.0	15.4	17.0	15.8	15.1	15.1	14.5	14.6	16.2	16.6
	1177	14.0	15.4	17.0	15.8	15.1	15.1	14.5	14.6	16.2	16.6
	1178	14.9	14.8	16.0	16.2	14.2	15.8	15.6	15.1	15.6	16.5
	1179	14.9	14.8	16.0	16.2	14.2	15.8	15.6	15.1	15.6	16.5
	1180	14.9	14.8	16.0	16.2	14.2	15.8	15.6	15.1	15.6	16.5
CBF	1201	14.3	15.3	16.1	15.3	14.8	15.7	15.6	15.6	17.6	16.4
	1202	14.3	15.3	16.1	15.3	14.8	15.7	15.6	15.6	17.6	16.4
	1203	14.3	15.3	16.1	15.3	14.8	15.7	15.6	15.6	17.6	16.4
	1204	13.8	14.5	14.4	14.3	13.4	13.3	14.5	13.3	14.4	14.4
	1205	13.8	14.5	14.4	14.3	13.4	13.3	14.5	13.3	14.4	14.4
	1206	13.8	14.5	14.4	14.3	13.4	13.3	14.5	13.3	14.4	14.4
	1207	15.8	17.3	17.0	16.5	16.4	15.3	15.7	17.2	17.1	17.5
	1208	15.8	17.3	17.0	16.5	16.4	15.3	15.7	17.2	17.1	17.5
	1209	15.8	17.3	17.0	16.5	16.4	15.3	15.7	17.2	17.1	17.5
	1210	15.8	16.4	16.9	16.2	16.0	14.2	16.5	16.4	18.7	18.1
	1211	15.8	16.4	16.9	16.2	16.0	14.2	16.5	16.4	18.7	18.1
	1212	15.8	16.4	16.9	16.2	16.0	14.2	16.5	16.4	18.7	18.1
	1213	15.7	17.2	18.0	16.9	17.4	14.9	17.8	16.5	18.6	17.5
	1214	15.7	17.2	18.0	16.9	17.4	14.9	17.8	16.5	18.6	17.5
	1215	15.7	17.2	18.0	16.9	17.4	14.9	17.8	16.5	18.6	17.5
	1216	14.3	15.3	15.3	13.9	14.5	13.7	15.0	14.1	15.6	16.6
	1217	14.3	15.3	15.3	13.9	14.5	13.7	15.0	14.1	15.6	16.6
	1218	14.3	15.3	15.3	13.9	14.5	13.7	15.0	14.1	15.6	16.6
	1219	13.3	14.9	14.8	14.6	14.1	15.2	14.3	14.6	15.8	15.5
	1220	13.3	14.9	14.8	14.6	14.1	15.2	14.3	14.6	15.8	15.5
	1221	13.3	14.9	14.8	14.6	14.1	15.2	14.3	14.6	15.8	15.5

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
CBF	1222	14.2	15.7	15.0	14.7	14.7	13.7	15.2	14.7	15.2	15.0
	1223	14.2	15.7	15.0	14.7	14.7	13.7	15.2	14.7	15.2	15.0
	1224	14.2	15.7	15.0	14.7	14.7	13.7	15.2	14.7	15.2	15.0
	1225	14.0	14.9	14.9	14.0	14.6	13.2	14.5	10.7	14.0	14.8
	1226	14.0	14.9	14.9	14.0	14.6	13.2	14.5	10.7	14.0	14.8
	1227	14.0	14.9	14.9	14.0	14.6	13.2	14.5	10.7	14.0	14.8
	1228	13.9	14.5	14.0	13.7	14.5	14.3	13.9	13.9	13.2	13.8
	1229	13.9	14.5	14.0	13.7	14.5	14.3	13.9	13.9	13.2	13.8
	1230	13.9	14.5	14.0	13.7	14.5	14.3	13.9	13.9	13.2	13.8
	1231	16.7	15.3		15.3	14.7	14.6	14.7	15.4	16.7	15.9
	1232	16.7	15.3		15.3	14.7	14.6	14.7	15.4	16.7	15.9
	1233	16.7	15.3		15.3	14.7	14.6	14.7	15.4	16.7	15.9
	1234	14.4	15.3	16.0	14.7	13.8	13.9	14.3	14.0	13.9	14.0
	1235	14.4	15.3	16.0	14.7	13.8	13.9	14.3	14.0	13.9	14.0
	1236	14.4	15.3	16.0	14.7	13.8	13.9	14.3	14.0	13.9	14.0
	1237	16.8	17.9	18.7	17.2	15.5	15.3	15.7	16.4	17.2	18.0
	1238	16.8	17.9	18.7	17.2	15.5	15.3	15.7	16.4	17.2	18.0
	1239	16.8	17.9	18.7	17.2	15.5	15.3	15.7	16.4	17.2	18.0
	1240	14.3	16.1	15.8	15.0	14.9	13.7	14.8	14.8	16.1	15.8
	1241	14.3	16.1	15.8	15.0	14.9	13.7	14.8	14.8	16.1	15.8
	1242	14.3	16.1	15.8	15.0	14.9	13.7	14.8	14.8	16.1	15.8
	1243	15.6	15.8	15.7	15.8	16.3	14.4	14.6	14.5	14.8	15.5
	1244	15.6	15.8	15.7	15.8	16.3	14.4	14.6	14.5	14.8	15.5
	1245	15.6	15.8	15.7	15.8	16.3	14.4	14.6	14.5	14.8	15.5
	1246	15.8	15.6	15.9	14.2	15.8	14.0	14.6	15.1	14.5	14.7
	1247	15.8	15.6	15.9	14.2	15.8	14.0	14.6	15.1	14.5	14.7

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
CBF	1248	15.8	15.6	15.9	14.2	15.8	14.0	14.6	15.1	14.5	14.7
	1249	14.0	15.7	15.3	14.4	15.1	15.0	14.3	14.5	14.0	15.3
	1250	14.0	15.7	15.3	14.4	15.1	15.0	14.3	14.5	14.0	15.3
	1251	14.0	15.7	15.3	14.4	15.1	15.0	14.3	14.5	14.0	15.3
	1252	12.7	13.8	13.6	12.9	12.7	13.4	12.4	12.4	13.3	13.2
	1253	12.7	13.8	13.6	12.9	12.7	13.4	12.4	12.4	13.3	13.2
	1254	12.7	13.8	13.6	12.9	12.7	13.4	12.4	12.4	13.3	13.2
	1255	13.4	14.4	15.0	13.7	13.4	13.9	13.0	12.8	14.2	15.8
	1256	13.4	14.4	15.0	13.7	13.4	13.9	13.0	12.8	14.2	15.8
	1257	13.4	14.4	15.0	13.7	13.4	13.9	13.0	12.8	14.2	15.8
	1258	13.1	14.3	13.5	13.9	13.7	13.5	14.1	13.7	13.6	13.7
	1259	13.1	14.3	13.5	13.9	13.7	13.5	14.1	13.7	13.6	13.7
	1260	13.1	14.3	13.5	13.9	13.7	13.5	14.1	13.7	13.6	13.7
B0.2F	1321	13.4	14.5	14.7	13.4	13.7	14.6	13.8	13.6	14.7	14.4
	1322	13.4	14.5	14.7	13.4	13.7	14.6	13.8	13.6	14.7	14.4
	1323	13.4	14.5	14.7	13.4	13.7	14.6	13.8	13.6	14.7	14.4
	1324	16.2	16.3	16.6	15.8	15.9	15.9	16.6	15.0	17.7	18.1
	1325	16.2	16.3	16.6	15.8	15.9	15.9	16.6	15.0	17.7	18.1
	1326	16.2	16.3	16.6	15.8	15.9	15.9	16.6	15.0	17.7	18.1
	1327	14.2	14.1	15.4	14.4	15.1	14.4	15.3	14.4	15.2	15.0
	1328	14.2	14.1	15.4	14.4	15.1	14.4	15.3	14.4	15.2	15.0
	1329	14.2	14.1	15.4	14.4	15.1	14.4	15.3	14.4	15.2	15.0
	1330	13.3	14.9	14.7	13.8	13.8	14.5	13.0	14.3	14.3	15.3
	1331	13.3	14.9	14.7	13.8	13.8	14.5	13.0	14.3	14.3	15.3
	1332	13.3	14.9	14.7	13.8	13.8	14.5	13.0	14.3	14.3	15.3
	1333	13.2	14.6	14.7	13.4	13.5	13.9	14.3	14.3	15.0	15.7
	1334	13.2	14.6	14.7	13.4	13.5	13.9	14.3	14.3	15.0	15.7

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B0.2F	1335	13.2	14.6	14.7	13.4	13.5	13.9	14.3	14.3	15.0	15.7
	1336	15.1	15.9	15.0	14.2	14.1	15.3	14.7	14.4	16.0	15.8
	1337	15.1	15.9	15.0	14.2	14.1	15.3	14.7	14.4	16.0	15.8
	1338	15.1	15.9	15.0	14.2	14.1	15.3	14.7	14.4	16.0	15.8
	1339	14.1	15.3	16.4	14.2	14.3	15.7	15.2	14.4	16.0	16.3
	1340	14.1	15.3	16.4	14.2	14.3	15.7	15.2	14.4	16.0	16.3
	1341	14.1	15.3	16.4	14.2	14.3	15.7	15.2	14.4	16.0	16.3
	1342	14.8	15.7	15.7	15.3	15.3	15.1	16.3	15.4	16.2	15.6
	1343	14.8	15.7	15.7	15.3	15.3	15.1	16.3	15.4	16.2	15.6
	1344	14.8	15.7	15.7	15.3	15.3	15.1	16.3	15.4	16.2	15.6
	1345	13.7	14.5	15.3	15.0	14.1	14.4	15.0	14.4	15.7	14.4
	1346	13.7	14.5	15.3	15.0	14.1	14.4	15.0	14.4	15.7	14.4
	1347	13.7	14.5	15.3	15.0	14.1	14.4	15.0	14.4	15.7	14.4
	1348	12.8	13.9	13.7	12.4	12.9	12.7	12.8	13.5	13.6	12.9
	1349	12.8	13.9	13.7	12.4	12.9	12.7	12.8	13.5	13.6	12.9
	1350	12.8	13.9	13.7	12.4	12.9	12.7	12.8	13.5	13.6	12.9
	1351	14.7	15.8	14.9	13.5	13.8	14.3	14.1	14.4	14.8	14.9
	1352	14.7	15.8	14.9	13.5	13.8	14.3	14.1	14.4	14.8	14.9
	1353	14.7	15.8	14.9	13.5	13.8	14.3	14.1	14.4	14.8	14.9
	1354	13.2	14.4	13.7	13.1	12.9	14.6	13.7	13.2	15.4	13.5
	1355	13.2	14.4	13.7	13.1	12.9	14.6	13.7	13.2	15.4	13.5
	1356	13.2	14.4	13.7	13.1	12.9	14.6	13.7	13.2	15.4	13.5
	1357	14.8	15.2	14.1	14.5	14.5	15.2	14.1	13.5	14.2	15.1
	1358	14.8	15.2	14.1	14.5	14.5	15.2	14.1	13.5	14.2	15.1
	1359	14.8	15.2	14.1	14.5	14.5	15.2	14.1	13.5	14.2	15.1
	1360	13.5	14.4	14.6	14.6	14.1	14.5	14.2	13.5	13.3	15.1
	1361	13.5	14.4	14.6	14.6	14.1	14.5	14.2	13.5	13.3	15.1

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B0.2F	1362	13.5	14.4	14.6	14.6	14.1	14.5	14.2	13.5	13.3	15.1
	1363	13.7	15.0	13.9	14.1	13.9	15.3	15.3	17.4	14.6	9.4
	1364	13.7	15.0	13.9	14.1	13.9	15.3	15.3	17.4	14.6	9.4
	1365	13.7	15.0	13.9	14.1	13.9	15.3	15.3	17.4	14.6	9.4
	1366	13.2	15.5	13.6	13.0	13.4	14.5	14.7	14.6	14.1	14.4
	1367	13.2	15.5	13.6	13.0	13.4	14.5	14.7	14.6	14.1	14.4
	1368	13.2	15.5	13.6	13.0	13.4	14.5	14.7	14.6	14.1	14.4
	1369	14.1	14.8	14.5	13.9	13.7	14.4	15.0	15.4	13.6	14.0
	1370	14.1	14.8	14.5	13.9	13.7	14.4	15.0	15.4	13.6	14.0
	1371	14.1	14.8	14.5	13.9	13.7	14.4	15.0	15.4	13.6	14.0
	1372	12.9	14.2	13.2	12.8	13.1	12.4	12.8	13.1	13.2	14.9
	1373	12.9	14.2	13.2	12.8	13.1	12.4	12.8	13.1	13.2	14.9
	1374	12.9	14.2	13.2	12.8	13.1	12.4	12.8	13.1	13.2	14.9
	1375	15.9	15.7	15.6	14.6	14.1	15.4	15.3	14.3	14.8	15.1
	1376	15.9	15.7	15.6	14.6	14.1	15.4	15.3	14.3	14.8	15.1
	1377	15.9	15.7	15.6	14.6	14.1	15.4	15.3	14.3	14.8	15.1
	1378	14.3	13.8	13.0	13.1	12.6	13.8	14.3	12.9	14.2	14.5
	1379	14.3	13.8	13.0	13.1	12.6	13.8	14.3	12.9	14.2	14.5
	1380	14.3	13.8	13.0	13.1	12.6	13.8	14.3	12.9	14.2	14.5
B2F	1421	14.9	15.4	14.6	14.4	13.4	14.7	14.2	14.7	14.7	14.0
	1422	14.9	15.4	14.6	14.4	13.4	14.7	14.2	14.7	14.7	14.0
	1423	14.9	15.4	14.6	14.4	13.4	14.7	14.2	14.7	14.7	14.0
	1424	13.2	13.7	13.6	13.1	13.1	13.4	14.0	13.5	12.6	13.9
	1425	13.2	13.7	13.6	13.1	13.1	13.4	14.0	13.5	12.6	13.9
	1426	13.2	13.7	13.6	13.1	13.1	13.4	14.0	13.5	12.6	13.9
	1427	13.8	14.8	14.2	14.2	14.1	13.8	15.1	14.7	15.0	15.3
	1428	13.8	14.8	14.2	14.2	14.1	13.8	15.1	14.7	15.0	15.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B2F	1429	13.8	14.8	14.2	14.2	14.1	13.8	15.1	14.7	15.0	15.3
	1430	14.3	15.0	14.9	13.5	13.8	13.6	13.4	13.6	13.2	14.4
	1431	14.3	15.0	14.9	13.5	13.8	13.6	13.4	13.6	13.2	14.4
	1432	14.3	15.0	14.9	13.5	13.8	13.6	13.4	13.6	13.2	14.4
	1433	13.9	13.5	14.0	12.8	13.1	13.7	14.0	14.0	13.9	13.8
	1434	13.9	13.5	14.0	12.8	13.1	13.7	14.0	14.0	13.9	13.8
	1435	13.9	13.5	14.0	12.8	13.1	13.7	14.0	14.0	13.9	13.8
	1436	13.7	15.2	14.2	13.4	13.6	13.9	15.0	13.9	14.3	14.4
	1437	13.7	15.2	14.2	13.4	13.6	13.9	15.0	13.9	14.3	14.4
	1438	13.7	15.2	14.2	13.4	13.6	13.9	15.0	13.9	14.3	14.4
	1439	13.0	13.6	13.8	13.1	13.0	15.1	13.6	13.5	14.0	14.0
	1440	13.0	13.6	13.8	13.1	13.0	15.1	13.6	13.5	14.0	14.0
	1441	13.0	13.6	13.8	13.1	13.0	15.1	13.6	13.5	14.0	14.0
	1442	16.9	17.0	16.5	18.3	16.2	15.9	16.3	15.3	15.4	16.6
	1443	16.9	17.0	16.5	18.3	16.2	15.9	16.3	15.3	15.4	16.6
	1444	16.9	17.0	16.5	18.3	16.2	15.9	16.3	15.3	15.4	16.6
	1445	14.9	15.8	14.4	15.0	14.5	14.4	14.9	14.2	13.8	14.6
	1446	14.9	15.8	14.4	15.0	14.5	14.4	14.9	14.2	13.8	14.6
	1447	14.9	15.8	14.4	15.0	14.5	14.4	14.9	14.2	13.8	14.6
	1448	11.9	14.4	13.2	12.5	12.6	13.2	12.0	11.9	13.0	12.6
	1449	11.9	14.4	13.2	12.5	12.6	13.2	12.0	11.9	13.0	12.6
	1450	11.9	14.4	13.2	12.5	12.6	13.2	12.0	11.9	13.0	12.6
	1451	13.9	15.0	14.3	13.6	13.8	14.7	14.3	15.0	14.9	15.5
	1452	13.9	15.0	14.3	13.6	13.8	14.7	14.3	15.0	14.9	15.5
	1453	13.9	15.0	14.3	13.6	13.8	14.7	14.3	15.0	14.9	15.5
	1454	14.6	15.4	14.8	13.8	13.0	14.1	13.8	14.7	13.6	14.5
	1455	14.6	15.4	14.8	13.8	13.0	14.1	13.8	14.7	13.6	14.5

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B2F	1456	14.6	15.4	14.8	13.8	13.0	14.1	13.8	14.7	13.6	14.5
	1457	14.0	14.5	15.0	14.2	14.0	15.2	15.4	14.4	15.4	15.6
	1458	14.0	14.5	15.0	14.2	14.0	15.2	15.4	14.4	15.4	15.6
	1459	14.0	14.5	15.0	14.2	14.0	15.2	15.4	14.4	15.4	15.6
	1460	14.2	14.3	14.4	14.1	14.0	15.4	15.5	16.8	16.1	18.2
	1461	14.2	14.3	14.4	14.1	14.0	15.4	15.5	16.8	16.1	18.2
	1462	14.2	14.3	14.4	14.1	14.0	15.4	15.5	16.8	16.1	18.2
	1463	15.3	15.7	16.0	15.3	15.6	16.0	15.8	16.5	15.8	16.3
	1464	15.3	15.7	16.0	15.3	15.6	16.0	15.8	16.5	15.8	16.3
	1465	15.3	15.7	16.0	15.3	15.6	16.0	15.8	16.5	15.8	16.3
	1466	14.5	14.4	13.7	12.8	12.9	14.1	13.2	14.2	12.8	13.4
	1467	14.5	14.4	13.7	12.8	12.9	14.1	13.2	14.2	12.8	13.4
	1468	14.5	14.4	13.7	12.8	12.9	14.1	13.2	14.2	12.8	13.4
	1469	13.3	15.2	14.1	13.4	13.3	14.2	14.1	14.6	14.1	14.8
	1470	13.3	15.2	14.1	13.4	13.3	14.2	14.1	14.6	14.1	14.8
	1471	13.3	15.2	14.1	13.4	13.3	14.2	14.1	14.6	14.1	14.8
	1472	13.6	14.6		13.0	13.1	14.0	13.6	13.8	15.3	14.3
	1473	13.6	14.6		13.0	13.1	14.0	13.6	13.8	15.3	14.3
	1474	13.6	14.6		13.0	13.1	14.0	13.6	13.8	15.3	14.3
	1475	13.9	14.1	14.9	15.0	15.1	15.4	14.8	15.6	15.7	17.5
	1476	13.9	14.1	14.9	15.0	15.1	15.4	14.8	15.6	15.7	17.5
	1477	13.9	14.1	14.9	15.0	15.1	15.4	14.8	15.6	15.7	17.5
	1478	14.1	15.4	14.7	14.9	15.6	14.8	15.4	15.0	15.1	16.4
	1479	14.1	15.4	14.7	14.9	15.6	14.8	15.4	15.0	15.1	16.4
	1480	14.1	15.4	14.7	14.9	15.6	14.8	15.4	15.0	15.1	16.4

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B5F	1521	11.9	11.7	11.8	10.9	10.4	11.5	10.8	11.4	12.1	12.0
	1522	11.9	11.7	11.8	10.9	10.4	11.5	10.8	11.4	12.1	12.0
	1523	11.9	11.7	11.8	10.9	10.4	11.5	10.8	11.4	12.1	12.0
	1524	12.3	11.4	11.9	11.5	11.5	11.5	11.6	11.5	10.7	12.1
	1525	12.3	11.4	11.9	11.5	11.5	11.5	11.6	11.5	10.7	12.1
	1526	12.3	11.4	11.9	11.5	11.5	11.5	11.6	11.5	10.7	12.1
	1527	12.1	12.7	12.6	12.1	12.3	12.8	13.3	12.8	13.0	13.3
	1528	12.1	12.7	12.6	12.1	12.3	12.8	13.3	12.8	13.0	13.3
	1529	12.1	12.7	12.6	12.1	12.3	12.8	13.3	12.8	13.0	13.3
	1530	12.5	12.6	12.6	11.8	12.1	12.5	12.2	12.9	12.2	13.9
	1531	12.5	12.6	12.6	11.8	12.1	12.5	12.2	12.9	12.2	13.9
	1532	12.5	12.6	12.6	11.8	12.1	12.5	12.2	12.9	12.2	13.9
	1533	11.6	12.0	12.0	11.6	12.4	12.4	11.3	12.9	11.9	12.9
	1534	11.6	12.0	12.0	11.6	12.4	12.4	11.3	12.9	11.9	12.9
	1535	11.6	12.0	12.0	11.6	12.4	12.4	11.3	12.9	11.9	12.9
	1536	12.9	12.8	12.4	12.6	12.6	13.5	12.6	13.6	13.6	13.7
	1537	12.9	12.8	12.4	12.6	12.6	13.5	12.6	13.6	13.6	13.7
	1538	12.9	12.8	12.4	12.6	12.6	13.5	12.6	13.6	13.6	13.7
	1539	11.8	12.1	11.7	11.5	11.7	12.5	10.5	11.7	11.5	12.2
	1540	11.8	12.1	11.7	11.5	11.7	12.5	10.5	11.7	11.5	12.2
	1541	11.8	12.1	11.7	11.5	11.7	12.5	10.5	11.7	11.5	12.2
	1542	11.3	10.8	10.7	10.6	10.8	11.2	11.1	11.7	11.1	12.1
	1543	11.3	10.8	10.7	10.6	10.8	11.2	11.1	11.7	11.1	12.1
	1544	11.3	10.8	10.7	10.6	10.8	11.2	11.1	11.7	11.1	12.1
	1545	11.5	11.7	11.0	11.9	11.6	11.1	8.3	11.7	11.3	12.4
	1546	11.5	11.7	11.0	11.9	11.6	11.1	8.3	11.7	11.3	12.4
	1547	11.5	11.7	11.0	11.9	11.6	11.1	8.3	11.7	11.3	12.4

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B5F	1548	12.5	12.5	11.5	11.4	12.9	12.3	12.0	12.8	11.6	15.1
	1549	12.5	12.5	11.5	11.4	12.9	12.3	12.0	12.8	11.6	15.1
	1550	12.5	12.5	11.5	11.4	12.9	12.3	12.0	12.8	11.6	15.1
	1551	11.0	11.7	11.1	11.1	12.1	12.3	10.9	12.7	11.3	12.0
	1552	11.0	11.7	11.1	11.1	12.1	12.3	10.9	12.7	11.3	12.0
	1553	11.0	11.7	11.1	11.1	12.1	12.3	10.9	12.7	11.3	12.0
	1554	12.0	13.2	11.8	11.5	11.5	11.5	11.1	12.5	12.1	12.7
	1555	12.0	13.2	11.8	11.5	11.5	11.5	11.1	12.5	12.1	12.7
	1556	12.0	13.2	11.8	11.5	11.5	11.5	11.1	12.5	12.1	12.7
	1557	12.1	12.3	12.6	12.2	12.8	13.3	13.1	13.3	13.7	13.7
	1558	12.1	12.3	12.6	12.2	12.8	13.3	13.1	13.3	13.7	13.7
	1559	12.1	12.3	12.6	12.2	12.8	13.3	13.1	13.3	13.7	13.7
	1560	11.6	12.0	12.2	12.3	12.5	12.3	11.9	12.6	12.1	13.2
	1561	11.6	12.0	12.2	12.3	12.5	12.3	11.9	12.6	12.1	13.2
	1562	11.6	12.0	12.2	12.3	12.5	12.3	11.9	12.6	12.1	13.2
	1563	11.5	11.3	11.8	11.9	12.4	12.5	12.2	11.9	12.3	14.0
	1564	11.5	11.3	11.8	11.9	12.4	12.5	12.2	11.9	12.3	14.0
	1565	11.5	11.3	11.8	11.9	12.4	12.5	12.2	11.9	12.3	14.0
	1566	10.7	11.0	11.2	10.9	11.4	11.0	10.7	11.5	11.0	11.6
	1567	10.7	11.0	11.2	10.9	11.4	11.0	10.7	11.5	11.0	11.6
	1568	10.7	11.0	11.2	10.9	11.4	11.0	10.7	11.5	11.0	11.6
	1569	11.4	11.7	12.1	11.8	12.9	13.1	11.8	13.3	11.6	12.8
	1570	11.4	11.7	12.1	11.8	12.9	13.1	11.8	13.3	11.6	12.8
	1571	11.4	11.7	12.1	11.8	12.9	13.1	11.8	13.3	11.6	12.8
	1572	12.1	12.3	12.0	11.6	11.8	12.2	10.8	12.1	11.8	11.7
	1573	12.1	12.3	12.0	11.6	11.8	12.2	10.8	12.1	11.8	11.7
	1574	12.1	12.3	12.0	11.6	11.8	12.2	10.8	12.1	11.8	11.7

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
B5F	1575	12.0	12.5	13.1	12.3	12.8	13.1	12.1	12.8	12.6	12.7
	1576	12.0	12.5	13.1	12.3	12.8	13.1	12.1	12.8	12.6	12.7
	1577	12.0	12.5	13.1	12.3	12.8	13.1	12.1	12.8	12.6	12.7
	1578	12.0	12.6	12.2	12.1	12.3	12.6	11.9	12.3	12.1	12.2
	1579	12.0	12.6	12.2	12.1	12.3	12.6	11.9	12.3	12.1	12.2
	1580	12.0	12.6	12.2	12.1	12.3	12.6	11.9	12.3	12.1	12.2
E0.2F	1621	14.6	16.5	17.7	16.4	16.4	16.1	16.6	15.7	17.3	17.5
	1622	14.6	16.5	17.7	16.4	16.4	16.1	16.6	15.7	17.3	17.5
	1623	14.6	16.5	17.7	16.4	16.4	16.1	16.6	15.7	17.3	17.5
	1624	13.6	13.9	13.0	14.5	14.4	13.7	15.3	15.2	15.3	16.4
	1625	13.6	13.9	13.0	14.5	14.4	13.7	15.3	15.2	15.3	16.4
	1626	13.6	13.9	13.0	14.5	14.4	13.7	15.3	15.2	15.3	16.4
	1627	13.7	14.5	14.0	15.1	16.9	14.4	15.4	14.8	15.8	15.7
	1628	13.7	14.5	14.0	15.1	16.9	14.4	15.4	14.8	15.8	15.7
	1629	13.7	14.5	14.0	15.1	16.9	14.4	15.4	14.8	15.8	15.7
	1630	14.0	13.7	14.1	13.9	14.7	14.2	15.4	13.0	15.5	15.9
	1631	14.0	13.7	14.1	13.9	14.7	14.2	15.4	13.0	15.5	15.9
	1632	14.0	13.7	14.1	13.9	14.7	14.2	15.4	13.0	15.5	15.9
	1633	14.3	15.7	14.7	14.9	14.4	14.4	15.5	16.8	15.5	17.0
	1634	14.3	15.7	14.7	14.9	14.4	14.4	15.5	16.8	15.5	17.0
	1635	14.3	15.7	14.7	14.9	14.4	14.4	15.5	16.8	15.5	17.0
	1636	15.1	16.5	16.0	15.9	17.0	15.7	15.6	15.8	16.7	17.6
	1637	15.1	16.5	16.0	15.9	17.0	15.7	15.6	15.8	16.7	17.6
	1638	15.1	16.5	16.0	15.9	17.0	15.7	15.6	15.8	16.7	17.6
	1639	14.4	15.5	16.5	14.8	16.2	16.4	14.8	15.9	18.7	18.2
	1640	14.4	15.5	16.5	14.8	16.2	16.4	14.8	15.9	18.7	18.2

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
E0.2F	1641	14.4	15.5	16.5	14.8	16.2	16.4	14.8	15.9	18.7	18.2
	1642	13.2	14.3	14.5	14.6	14.4	14.1	15.0	15.1	16.0	17.1
	1643	13.2	14.3	14.5	14.6	14.4	14.1	15.0	15.1	16.0	17.1
	1644	13.2	14.3	14.5	14.6	14.4	14.1	15.0	15.1	16.0	17.1
	1645	13.6	13.8	13.6	14.9	14.7	14.4	15.1	14.1	14.9	15.1
	1646	13.6	13.8	13.6	14.9	14.7	14.4	15.1	14.1	14.9	15.1
	1647	13.6	13.8	13.6	14.9	14.7	14.4	15.1	14.1	14.9	15.1
	1648	14.5	15.2	14.6	14.5	14.3	13.8	14.0	14.0	14.0	14.5
	1649	14.5	15.2	14.6	14.5	14.3	13.8	14.0	14.0	14.0	14.5
	1650	14.5	15.2	14.6	14.5	14.3	13.8	14.0	14.0	14.0	14.5
	1651	15.0	15.4	15.1	15.4	16.2	15.5	15.2	15.9	15.7	15.8
	1652	15.0	15.4	15.1	15.4	16.2	15.5	15.2	15.9	15.7	15.8
	1653	15.0	15.4	15.1	15.4	16.2	15.5	15.2	15.9	15.7	15.8
	1654	14.6	15.0	14.6	13.9	15.0	13.9	14.7	14.8	14.8	15.3
	1655	14.6	15.0	14.6	13.9	15.0	13.9	14.7	14.8	14.8	15.3
	1656	14.6	15.0	14.6	13.9	15.0	13.9	14.7	14.8	14.8	15.3
	1657	12.4	14.2	14.1	13.4	13.4	14.5	14.7	14.4	15.3	16.8
	1658	12.4	14.2	14.1	13.4	13.4	14.5	14.7	14.4	15.3	16.8
	1659	12.4	14.2	14.1	13.4	13.4	14.5	14.7	14.4	15.3	16.8
	1660	13.0	13.1	13.6	13.6	13.7	13.2	13.9	14.0	14.1	16.3
	1661	13.0	13.1	13.6	13.6	13.7	13.2	13.9	14.0	14.1	16.3
	1662	13.0	13.1	13.6	13.6	13.7	13.2	13.9	14.0	14.1	16.3
	1663	15.1	14.6	17.0	15.2	14.8	15.8	15.3	15.1	15.5	16.7
	1664	15.1	14.6	17.0	15.2	14.8	15.8	15.3	15.1	15.5	16.7
	1665	15.1	14.6	17.0	15.2	14.8	15.8	15.3	15.1	15.5	16.7
	1666	14.9	15.0	15.1	16.0	15.8	15.7	15.8	16.0	15.7	16.2
	1667	14.9	15.0	15.1	16.0	15.8	15.7	15.8	16.0	15.7	16.2

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
E0.2F	1668	14.9	15.0	15.1	16.0	15.8	15.7	15.8	16.0	15.7	16.2
	1669	13.9	13.3	12.6	13.7	14.1	12.5	14.2	14.1	13.5	14.4
	1670	13.9	13.3	12.6	13.7	14.1	12.5	14.2	14.1	13.5	14.4
	1671	13.9	13.3	12.6	13.7	14.1	12.5	14.2	14.1	13.5	14.4
	1672	13.0	13.7	12.9	12.4	12.9	13.4	13.5	13.1	14.3	14.1
	1673	13.0	13.7	12.9	12.4	12.9	13.4	13.5	13.1	14.3	14.1
	1674	13.0	13.7	12.9	12.4	12.9	13.4	13.5	13.1	14.3	14.1
	1675	12.6	13.6	13.7	13.2	13.6	13.4	12.8	13.3	13.8	13.3
	1676	12.6	13.6	13.7	13.2	13.6	13.4	12.8	13.3	13.8	13.3
	1677	12.6	13.6	13.7	13.2	13.6	13.4	12.8	13.3	13.8	13.3
	1678	13.3	14.4	14.7	14.6	14.6	14.3	15.6	14.9	14.1	15.3
	1679	13.3	14.4	14.7	14.6	14.6	14.3	15.6	14.9	14.1	15.3
	1680	13.3	14.4	14.7	14.6	14.6	14.3	15.6	14.9	14.1	15.3
E2F	1721	12.9	14.2	14.1	13.5	14.4	12.5	13.3	13.9	14.9	14.4
	1722	12.9	14.2	14.1	13.5	14.4	12.5	13.3	13.9	14.9	14.4
	1723	12.9	14.2	14.1	13.5	14.4	12.5	13.3	13.9	14.9	14.4
	1724	14.1	15.2	14.5	15.2	15.7	16.2	17.0	14.5	15.8	16.9
	1725	14.1	15.2	14.5	15.2	15.7	16.2	17.0	14.5	15.8	16.9
	1726	14.1	15.2	14.5	15.2	15.7	16.2	17.0	14.5	15.8	16.9
	1727	14.2	13.9	14.4	14.9	14.2	14.0	14.6	14.0	14.2	15.3
	1728	14.2	13.9	14.4	14.9	14.2	14.0	14.6	14.0	14.2	15.3
	1729	14.2	13.9	14.4	14.9	14.2	14.0	14.6	14.0	14.2	15.3
	1730	13.9	14.4	14.4	14.8	15.4	14.9	15.6	16.0	15.3	17.0
	1731	13.9	14.4	14.4	14.8	15.4	14.9	15.6	16.0	15.3	17.0
	1732	13.9	14.4	14.4	14.8	15.4	14.9	15.6	16.0	15.3	17.0
	1733		14.2	13.8	13.9	15.1	13.7	14.2	14.8	14.0	15.1
	1734		14.2	13.8	13.9	15.1	13.7	14.2	14.8	14.0	15.1

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
E2F	1735		14.2	13.8	13.9	15.1	13.7	14.2	14.8	14.0	15.1
	1736	14.1	14.7	14.8	14.4	15.2	15.1	15.4	14.7	13.7	15.3
	1737	14.1	14.7	14.8	14.4	15.2	15.1	15.4	14.7	13.7	15.3
	1738	14.1	14.7	14.8	14.4	15.2	15.1	15.4	14.7	13.7	15.3
	1739	12.8	14.5	15.4	15.8	14.4	14.9	14.7	14.1	16.5	16.4
	1740	12.8	14.5	15.4	15.8	14.4	14.9	14.7	14.1	16.5	16.4
	1741	12.8	14.5	15.4	15.8	14.4	14.9	14.7	14.1	16.5	16.4
	1742	13.6	13.7	13.7	14.4	13.4	13.9	14.3	13.9	14.3	15.4
	1743	13.6	13.7	13.7	14.4	13.4	13.9	14.3	13.9	14.3	15.4
	1744	13.6	13.7	13.7	14.4	13.4	13.9	14.3	13.9	14.3	15.4
	1745	13.8	13.9	13.9	14.1	14.0	14.5	14.9	14.1	15.0	9.6
	1746	13.8	13.9	13.9	14.1	14.0	14.5	14.9	14.1	15.0	9.6
	1747	13.8	13.9	13.9	14.1	14.0	14.5	14.9	14.1	15.0	9.6
	1748	14.1	14.2	14.8	15.3	14.2	15.1	15.6	15.8	15.6	16.5
	1749	14.1	14.2	14.8	15.3	14.2	15.1	15.6	15.8	15.6	16.5
	1750	14.1	14.2	14.8	15.3	14.2	15.1	15.6	15.8	15.6	16.5
	1751	12.9	14.0	13.4	13.0	13.3	13.2	13.4	14.5	14.7	14.3
	1752	12.9	14.0	13.4	13.0	13.3	13.2	13.4	14.5	14.7	14.3
	1753	12.9	14.0	13.4	13.0	13.3	13.2	13.4	14.5	14.7	14.3
	1754	14.1	14.9	15.2	14.9	14.8	15.7	14.6	17.1	15.8	15.1
	1755	14.1	14.9	15.2	14.9	14.8	15.7	14.6	17.1	15.8	15.1
	1756	14.1	14.9	15.2	14.9	14.8	15.7	14.6	17.1	15.8	15.1
	1757	13.7	14.2	14.9	15.0	13.6	14.5	14.9	14.5	15.4	15.1
	1758	13.7	14.2	14.9	15.0	13.6	14.5	14.9	14.5	15.4	15.1
	1759	13.7	14.2	14.9	15.0	13.6	14.5	14.9	14.5	15.4	15.1
	1760	13.6	13.9	13.6	14.1	13.2	13.1	14.4	12.9	14.4	14.2
	1761	13.6	13.9	13.6	14.1	13.2	13.1	14.4	12.9	14.4	14.2

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
E2F	1762	13.6	13.9	13.6	14.1	13.2	13.1	14.4	12.9	14.4	14.2
	1763	12.5	12.9	12.9	14.3	13.3	13.3	14.1	13.5	13.6	15.3
	1764	12.5	12.9	12.9	14.3	13.3	13.3	14.1	13.5	13.6	15.3
	1765	12.5	12.9	12.9	14.3	13.3	13.3	14.1	13.5	13.6	15.3
	1766	12.8	13.0	13.4	13.4	12.8	14.0	14.1	13.5	14.1	16.3
	1767	12.8	13.0	13.4	13.4	12.8	14.0	14.1	13.5	14.1	16.3
	1768	12.8	13.0	13.4	13.4	12.8	14.0	14.1	13.5	14.1	16.3
	1769	14.4	15.1	14.8	15.7	15.9	14.7	14.9	16.0	15.7	15.1
	1770	14.4	15.1	14.8	15.7	15.9	14.7	14.9	16.0	15.7	15.1
	1771	14.4	15.1	14.8	15.7	15.9	14.7	14.9	16.0	15.7	15.1
	1772	13.7	14.9	15.3	15.1	14.7	15.6	15.9	14.6	16.1	16.5
	1773	13.7	14.9	15.3	15.1	14.7	15.6	15.9	14.6	16.1	16.5
	1774	13.7	14.9	15.3	15.1	14.7	15.6	15.9	14.6	16.1	16.5
	1775	12.2	13.4	14.0	13.7	12.9	14.2	13.6	12.4	14.0	16.5
	1776	12.2	13.4	14.0	13.7	12.9	14.2	13.6	12.4	14.0	16.5
	1777	12.2	13.4	14.0	13.7	12.9	14.2	13.6	12.4	14.0	16.5
	1778	14.4	14.0	13.8	15.0	14.2	15.4	15.9	14.7	14.7	14.5
	1779	14.4	14.0	13.8	15.0	14.2	15.4	15.9	14.7	14.7	14.5
	1780	14.4	14.0	13.8	15.0	14.2	15.4	15.9	14.7	14.7	14.5
E5F	1821	10.6	11.6	11.9	11.7	11.1	12.1	11.5	11.6	11.8	12.0
	1822	10.6	11.6	11.9	11.7	11.1	12.1	11.5	11.6	11.8	12.0
	1823	10.6	11.6	11.9	11.7	11.1	12.1	11.5	11.6	11.8	12.0
	1824	11.4	11.3	11.3	12.3	11.2	12.0	12.7	12.1	13.5	13.2
	1825	11.4	11.3	11.3	12.3	11.2	12.0	12.7	12.1	13.5	13.2
	1826	11.4	11.3	11.3	12.3	11.2	12.0	12.7	12.1	13.5	13.2
	1827	11.0	11.6	11.4	12.5	10.9	11.4	11.9	11.8	11.7	12.5
	1828	11.0	11.6	11.4	12.5	10.9	11.4	11.9	11.8	11.7	12.5

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
E5F	1829	11.0	11.6	11.4	12.5	10.9	11.4	11.9	11.8	11.7	12.5
	1830	11.7	12.3	13.0	14.0	15.0	13.6	14.5	14.2	13.6	14.4
	1831	11.7	12.3	13.0	14.0	15.0	13.6	14.5	14.2	13.6	14.4
	1832	11.7	12.3	13.0	14.0	15.0	13.6	14.5	14.2	13.6	14.4
	1833	12.2	12.1	12.4	13.0	12.6	13.8	13.6	13.7	13.2	13.7
	1834	12.2	12.1	12.4	13.0	12.6	13.8	13.6	13.7	13.2	13.7
	1835	12.2	12.1	12.4	13.0	12.6	13.8	13.6	13.7	13.2	13.7
	1836	12.4	13.2	13.6	13.7	14.0	14.0	16.2	15.3	15.8	17.5
	1837	12.4	13.2	13.6	13.7	14.0	14.0	16.2	15.3	15.8	17.5
	1838	12.4	13.2	13.6	13.7	14.0	14.0	16.2	15.3	15.8	17.5
	1839	12.1	12.0	12.5	12.1	12.0	13.1	12.9	12.3	13.7	13.2
	1840	12.1	12.0	12.5	12.1	12.0	13.1	12.9	12.3	13.7	13.2
	1841	12.1	12.0	12.5	12.1	12.0	13.1	12.9	12.3	13.7	13.2
	1842	11.0	11.0	11.4	12.3	11.2	10.4	11.6	11.1	11.4	12.3
	1843	11.0	11.0	11.4	12.3	11.2	10.4	11.6	11.1	11.4	12.3
	1844	11.0	11.0	11.4	12.3	11.2	10.4	11.6	11.1	11.4	12.3
	1845	12.7	12.5	12.7	13.2	12.9	12.7	14.0	13.4	13.0	14.5
	1846	12.7	12.5	12.7	13.2	12.9	12.7	14.0	13.4	13.0	14.5
	1847	12.7	12.5	12.7	13.2	12.9	12.7	14.0	13.4	13.0	14.5
	1848	11.3	10.9	11.2	11.1	10.9	11.4	12.3	12.0	12.2	13.3
	1849	11.3	10.9	11.2	11.1	10.9	11.4	12.3	12.0	12.2	13.3
	1850	11.3	10.9	11.2	11.1	10.9	11.4	12.3	12.0	12.2	13.3
	1851	10.9	11.5	11.7	12.2	12.2	12.2	12.2	13.2	11.7	12.7
	1852	10.9	11.5	11.7	12.2	12.2	12.2	12.2	13.2	11.7	12.7
	1853	10.9	11.5	11.7	12.2	12.2	12.2	12.2	13.2	11.7	12.7
	1854	11.9	12.5	12.3	11.8	11.8	12.4	12.4	12.1	12.3	12.8
	1855	11.9	12.5	12.3	11.8	11.8	12.4	12.4	12.1	12.3	12.8

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	77	84	91	119	147	175	203	231	259	287
E5F	1856	11.9	12.5	12.3	11.8	11.8	12.4	12.4	12.1	12.3	12.8
	1857	11.3	11.7	12.8	11.8	11.2	12.8	12.3	11.8	13.0	12.2
	1858	11.3	11.7	12.8	11.8	11.2	12.8	12.3	11.8	13.0	12.2
	1859	11.3	11.7	12.8	11.8	11.2	12.8	12.3	11.8	13.0	12.2
	1860	11.8	11.4	13.3	12.4	11.3	11.8	11.5	12.2	12.8	12.4
	1861	11.8	11.4	13.3	12.4	11.3	11.8	11.5	12.2	12.8	12.4
	1862	11.8	11.4	13.3	12.4	11.3	11.8	11.5	12.2	12.8	12.4
	1863	12.1	12.6	12.1	12.9	12.2	12.3	12.8	12.0	12.4	12.6
	1864	12.1	12.6	12.1	12.9	12.2	12.3	12.8	12.0	12.4	12.6
	1865	12.1	12.6	12.1	12.9	12.2	12.3	12.8	12.0	12.4	12.6
	1866	12.1	13.0	12.9	13.0	12.6	12.5	12.6	13.5	13.9	13.8
	1867	12.1	13.0	12.9	13.0	12.6	12.5	12.6	13.5	13.9	13.8
	1868	12.1	13.0	12.9	13.0	12.6	12.5	12.6	13.5	13.9	13.8
	1869	12.2	12.7	13.0	13.1	12.8	14.2	12.9	13.1	13.9	13.3
	1870	12.2	12.7	13.0	13.1	12.8	14.2	12.9	13.1	13.9	13.3
	1871	12.2	12.7	13.0	13.1	12.8	14.2	12.9	13.1	13.9	13.3
	1872	14.2	13.6	13.8	13.9	12.7	13.5	13.6	13.4	14.2	14.3
	1873	14.2	13.6	13.8	13.9	12.7	13.5	13.6	13.4	14.2	14.3
	1874	14.2	13.6	13.8	13.9	12.7	13.5	13.6	13.4	14.2	14.3
	1875	12.0	12.3	13.1	12.5	12.2	13.4	13.1	13.2	14.0	13.7
	1876	12.0	12.3	13.1	12.5	12.2	13.4	13.1	13.2	14.0	13.7
	1877	12.0	12.3	13.1	12.5	12.2	13.4	13.1	13.2	14.0	13.7
	1878	11.3	12.1	11.9	12.2	11.8	12.2	12.4	13.3	13.3	13.3
	1879	11.3	12.1	11.9	12.2	11.8	12.2	12.4	13.3	13.3	13.3
	1880	11.3	12.1	11.9	12.2	11.8	12.2	12.4	13.3	13.3	13.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
CF	1121	17.7	15.9	16.7	15.1	16.5	16.4	13.0	13.2		
	1122	17.7	15.9	16.7	15.1	16.5	16.4	13.0	13.2	18.8	17.2
	1123	17.7	15.9	16.7	15.1	16.5	16.4	13.0	13.2		
	1124	14.9	14.3	17.1	15.7	15.5	16.8	13.3	16.7	17.5	14.1
	1125	14.9	14.3	17.1	15.7	15.5	16.8	13.3	16.7	17.5	14.1
	1126	14.9	14.3	17.1	15.7	15.5	16.8	13.3	16.7	17.5	14.1
	1127	15.9	14.0	15.0	17.1	17.0	16.2	16.6	16.0	18.6	16.6
	1128	15.9	14.0	15.0	17.1	17.0	16.2	16.6	16.0	18.6	16.6
	1129	15.9	14.0	15.0	17.1	17.0	16.2	16.6	16.0	18.6	16.6
	1130	15.4	13.7	14.0	15.1	16.3	15.1	15.9	16.9	16.7	16.1
	1131	15.4	13.7	14.0	15.1	16.3	15.1	15.9	16.9	16.7	16.1
	1132	15.4	13.7	14.0	15.1	16.3	15.1	15.9	16.9	16.7	16.1
	1133	15.1	13.4	14.6	15.5	14.8	15.2	15.4	15.7	16.3	14.7
	1134	15.1	13.4	14.6	15.5	14.8	15.2	15.4	15.7	16.3	14.7
	1135	15.1	13.4	14.6	15.5	14.8	15.2	15.4	15.7	16.3	14.7
	1136	13.4	12.3	12.5	11.7						
	1137	13.4	12.3	12.5	11.7	14.3	14.3	13.8	14.0	16.9	16.3
	1138	13.4	12.3	12.5	11.7	14.3	14.3	13.8	14.0	16.9	16.3
	1139	16.4	15.2	14.9	15.1	16.6	17.9	15.7	17.1	17.9	15.7
	1140	16.4	15.2	14.9	15.1	16.6	17.9	15.7	17.1	17.9	15.7
	1141	16.4	15.2	14.9	15.1	16.6	17.9	15.7	17.1	17.9	15.7
	1142	18.2	15.2	15.7	15.8	17.8	16.7	18.4	17.7	17.6	16.6
	1143	18.2	15.2	15.7	15.8	17.8	16.7	18.4	17.7	17.6	16.6
	1144	18.2	15.2	15.7	15.8	17.8	16.7	18.4	17.7	17.6	16.6
	1145	14.0	13.4	14.7	15.9	14.3	14.7	16.3	15.4	17.8	16.1
	1146	14.0	13.4	14.7	15.9	14.3	14.7	16.3	15.4	17.8	16.1
	1147	14.0	13.4	14.7	15.9	14.3	14.7	16.3	15.4	17.8	16.1

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
CF	1148	15.1	13.1	14.2	13.7	17.4	14.6	14.5	14.5	14.3	13.5
	1149	15.1	13.1	14.2	13.7	17.4	14.6	14.5	14.5	14.3	13.5
	1150	15.1	13.1	14.2	13.7	17.4	14.6	14.5	14.5	14.3	13.5
	1151	9.1	12.9	12.7	13.7	12.8	14.0	13.2	14.9	14.9	14.5
	1152	9.1	12.9	12.7	13.7	12.8	14.0	13.2	14.9	14.9	14.5
	1153	9.1	12.9	12.7	13.7	12.8	14.0	13.2	14.9	14.9	14.5
	1154	13.9	14.4	16.0	14.0	15.3	15.5	17.7	16.9	16.2	15.2
	1155	13.9	14.4	16.0	14.0	15.3	15.5	17.7	16.9	16.2	15.2
	1156	13.9	14.4	16.0	14.0	15.3	15.5	17.7	16.9	16.2	15.2
	1157	13.9	14.8	14.0	12.9	13.8	15.8	15.0	15.6	13.9	15.0
	1158	13.9	14.8	14.0	12.9	13.8	15.8	15.0	15.6	13.9	15.0
	1159	13.9	14.8	14.0	12.9	13.8	15.8	15.0	15.6	13.9	15.0
	1160	20.1	16.6	19.0	18.6	18.7	18.5	18.0	20.3	22.1	19.6
	1161	20.1	16.6	19.0	18.6	18.7	18.5	18.0	20.3	22.1	19.6
	1162	20.1	16.6	19.0	18.6	18.7	18.5	18.0	20.3	22.1	19.6
	1163	14.7	13.1	14.6	14.9	14.4	15.9	15.2	15.6	15.8	15.2
	1164	14.7	13.1	14.6	14.9	14.4	15.9	15.2	15.6	15.8	15.2
	1165	14.7	13.1	14.6	14.9	14.4	15.9	15.2	15.6	15.8	15.2
	1166	16.4	14.8	13.8	15.3	16.8	16.6	16.0	17.5	16.8	17.9
	1167	16.4	14.8	13.8	15.3	16.8	16.6	16.0	17.5	16.8	17.9
	1168	16.4	14.8	13.8	15.3	16.8	16.6	16.0	17.5	16.8	17.9
	1169	16.8	15.7	15.7	16.0	17.0	17.3	17.6	16.1	16.5	17.3
	1170	16.8	15.7	15.7	16.0	17.0	17.3	17.6	16.1	16.5	17.3
	1171	16.8	15.7	15.7	16.0	17.0	17.3	17.6	16.1	16.5	17.3
	1172	15.5	14.9	15.5	14.2	17.9	17.8	15.8	17.2	16.7	15.9
	1173	15.5	14.9	15.5	14.2	17.9	17.8	15.8	17.2	16.7	15.9
	1174	15.5	14.9	15.5	14.2	17.9	17.8	15.8	17.2	16.7	15.9

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
CF	1175	17.4	15.4	17.9	16.0	16.3	16.1	17.0	16.1	15.2	15.1
	1176	17.4	15.4	17.9	16.0	16.3	16.1	17.0	16.1	15.2	15.1
	1177	17.4	15.4	17.9	16.0	16.3	16.1	17.0	16.1	15.2	15.1
	1178	15.4	15.2	16.4	16.5	18.7	17.7	19.1	18.9	17.2	17.9
	1179	15.4	15.2	16.4	16.5	18.7	17.7	19.1	18.9	17.2	17.9
	1180	15.4	15.2	16.4	16.5	18.7	17.7	19.1	18.9	17.2	17.9
CBF	1201	16.1	16.6	15.8	15.3	16.2	18.4	18.4	18.1	17.0	14.0
	1202	16.1	16.6	15.8	15.3	16.2	18.4	18.4	18.1	17.0	14.0
	1203	16.1	16.6	15.8	15.3	16.2	18.4	18.4	18.1	17.0	14.0
	1204	14.3	13.9	15.3	15.5	14.6	15.2	16.4	17.9	15.7	15.3
	1205	14.3	13.9	15.3	15.5	14.6	15.2	16.4	17.9	15.7	15.3
	1206	14.3	13.9	15.3	15.5	14.6	15.2	16.4	17.9	15.7	15.3
	1207	18.2	15.3	16.0	16.3	19.6	17.2	18.9	19.2	20.1	17.2
	1208	18.2	15.3	16.0							
	1209	18.2	15.3	16.0	16.3	19.6	17.2	18.9	19.2	20.1	17.2
	1210	17.1	18.9	18.6	19.3	20.4	18.5	20.5	18.8	21.9	17.5
	1211	17.1	18.9	18.6	19.3	20.4	18.5	20.5	18.8	21.9	17.5
	1212	17.1	18.9	18.6	19.3	20.4	18.5	20.5	18.8	21.9	17.5
	1213	19.4	18.0	18.9	19.0	20.4	20.0	24.1	20.7	19.2	18.5
	1214	19.4	18.0	18.9	19.0	20.4	20.0	24.1	20.7	19.2	18.5
	1215	19.4	18.0	18.9	19.0	20.4	20.0	24.1	20.7	19.2	18.5
	1216	14.2	15.2	17.0	12.2	16.7	16.0	14.8	11.4	15.8	15.0
	1217	14.2	15.2	17.0	12.2	16.7	16.0	14.8	11.4	15.8	15.0
	1218	14.2	15.2	17.0	12.2	16.7	16.0	14.8	11.4	15.8	15.0
	1219	15.5	15.4	16.3	15.4	15.2	15.9	18.2	16.5	19.0	14.3
	1220	15.5	15.4	16.3	15.4	15.2	15.9	18.2	16.5	19.0	14.3
	1221	15.5	15.4	16.3	15.4	15.2	15.9	18.2	16.5	19.0	14.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
CBF	1222	13.6	15.1	15.9	16.9	18.0	17.2	18.9	18.4	18.2	17.9
	1223	13.6	15.1	15.9	16.9	18.0	17.2	18.9	18.4	18.2	17.9
	1224	13.6	15.1	15.9	16.9	18.0	17.2	18.9	18.4	18.2	17.9
	1225	15.0	14.0	13.7	14.9	15.3	14.8	15.5	15.6	15.7	15.9
	1226	15.0	14.0	13.7	14.9	15.3	14.8	15.5	15.6	15.7	15.9
	1227	15.0	14.0	13.7	14.9	15.3	14.8	15.5	15.6	15.7	15.9
	1228	14.8	14.3	14.4	14.6	15.3	15.8	15.6	15.6	17.0	15.8
	1229	14.8	14.3	14.4	14.6	15.3	15.8	15.6	15.6	17.0	15.8
	1230	14.8	14.3	14.4	14.6	15.3	15.8	15.6	15.6	17.0	15.8
	1231	16.8	15.1	17.8	17.1	18.1	16.0	16.4	17.1	18.1	16.7
	1232	16.8	15.1	17.8	17.1	18.1	16.0	16.4	17.1	18.1	16.7
	1233	16.8	15.1	17.8	17.1	18.1	16.0	16.4	17.1	18.1	16.7
	1234	14.0	13.8	15.1	14.4	14.5	17.0	16.0	16.0	15.7	15.8
	1235	14.0	13.8	15.1	14.4	14.5	17.0	16.0	16.0	15.7	15.8
	1236	14.0	13.8	15.1	14.4	14.5	17.0	16.0	16.0	15.7	15.8
	1237	18.1	14.9	15.0	15.5	16.0	15.6	16.2	16.3	15.4	14.4
	1238	18.1	14.9	15.0	15.5	16.0	15.6	16.2	16.3	15.4	14.4
	1239	18.1	14.9	15.0	15.5	16.0	15.6	16.2	16.3	15.4	14.4
	1240	16.4	15.1	17.4	14.0	16.7	15.7	18.3	16.6	17.1	15.9
	1241	16.4	15.1	17.4	14.0	16.7	15.7	18.3	16.6	17.1	15.9
	1242	16.4	15.1	17.4	14.0	16.7	15.7	18.3	16.6	17.1	15.9
	1243	16.5	15.0	15.3	15.4	16.7	15.8	17.6	17.7	17.9	18.4
	1244	16.5	15.0	15.3	15.4	16.7	15.8	17.6	17.7	17.9	18.4
	1245	16.5	15.0	15.3							
	1246	16.5	15.2	14.3	16.3	16.6	16.3	19.0	16.2	19.3	15.7
	1247	16.5	15.2	14.3	16.3	16.6	16.3	19.0	16.2	19.3	15.7
	1248	16.5	15.2	14.3	16.3	16.6	16.3	19.0	16.2	19.3	15.7

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
CBF	1249	17.9	15.3	16.0	17.9	14.6	18.0	18.0	15.9	19.3	16.7
	1250	17.9	15.3	16.0	17.9	14.6	18.0	18.0	15.9	19.3	16.7
	1251	17.9	15.3	16.0	17.9	14.6	18.0	18.0	15.9	19.3	16.7
	1252	13.4	12.1	13.4	13.3	14.3	14.7	14.6	13.7	15.5	12.7
	1253	13.4	12.1	13.4	13.3	14.3	14.7	14.6	13.7	15.5	12.7
	1254	13.4	12.1	13.4	13.3	14.3	14.7	14.6	13.7	15.5	12.7
	1255	13.8	12.0	11.0	13.0	14.2	17.3	15.5	13.7	13.8	13.3
	1256	13.8	12.0	11.0	13.0	14.2	17.3	15.5	13.7	13.8	13.3
	1257	13.8	12.0	11.0	13.0	14.2	17.3	15.5	13.7	13.8	13.3
	1258	15.1	12.5	13.2	12.8	13.3	14.4	14.8	14.4	15.4	14.2
	1259	15.1	12.5	13.2	12.8	13.3	14.4	14.8	14.4	15.4	14.2
	1260	15.1	12.5	13.2	12.8	13.3	14.4	14.8	14.4	15.4	14.2
B0.2F	1321	14.3	15.1	14.6	14.1	14.3	14.5	16.1	15.0	12.6	9.3
	1322	14.3	15.1	14.6	14.1	14.3	14.5	16.1	15.0	12.6	9.3
	1323	14.3	15.1	14.6	14.1	14.3	14.5	16.1	15.0	12.6	9.3
	1324	17.4	17.0		18.0	19.4	18.9	19.3	18.1	20.7	17.7
	1325	17.4	17.0		18.0	19.4	18.9	19.3	18.1	20.7	17.7
	1326	17.4	17.0		18.0	19.4	18.9	19.3	18.1	20.7	17.7
	1327	17.2	13.9	15.2	15.5	16.4	16.2	16.9	16.0	14.6	15.0
	1328	17.2	13.9	15.2	15.5	16.4	16.2	16.9	16.0	14.6	15.0
	1329	17.2	13.9	15.2	15.5	16.4	16.2	16.9	16.0	14.6	15.0
	1330	16.4	13.4	14.5	14.9	15.8	16.2	14.9	14.4	16.4	14.1
	1331	16.4	13.4	14.5	14.9	15.8	16.2	14.9	14.4	16.4	14.1
	1332	16.4	13.4	14.5	14.9	15.8	16.2	14.9	14.4	16.4	14.1
	1333	15.2	13.3	14.2	15.5	16.8	15.9	17.2	16.0	18.0	16.2
	1334	15.2	13.3	14.2	15.5	16.8	15.9	17.2	16.0	18.0	16.2
	1335	15.2	13.3	14.2	15.5	16.8	15.9	17.2	16.0	18.0	16.2

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B0.2F	1336	16.8	14.9	15.1	15.7	15.7	17.4	15.9	16.3	14.0	15.8
	1337	16.8	14.9	15.1	15.7	15.7	17.4	15.9	16.3	14.0	15.8
	1338	16.8	14.9	15.1	15.7	15.7	17.4	15.9	16.3	14.0	15.8
	1339	16.1	14.9	15.2	17.2	17.5	18.6	20.0	17.8	17.6	15.7
	1340	16.1	14.9	15.2	17.2	17.5	18.6	20.0	17.8	17.6	15.7
	1341	16.1									
	1342	15.3	15.5	17.0	15.1	17.3	15.9	18.1	16.0	18.3	17.6
	1343	15.3	15.5	17.0	15.1	17.3	15.9	18.1	16.0	18.3	17.6
	1344	15.3	15.5	17.0	15.1	17.3	15.9	18.1	16.0	18.3	17.6
	1345	15.5	13.4	15.1	14.9	16.4	15.9	16.6	16.7	18.5	15.4
	1346	15.5	13.4	15.1	14.9	16.4	15.9	16.6	16.7	18.5	15.4
	1347	15.5	13.4	15.1	14.9	16.4	15.9	16.6	16.7	18.5	15.4
	1348	14.7	12.8	12.3	13.7	13.5	13.5	13.5	13.8	14.1	13.5
	1349	14.7	12.8	12.3	13.7	13.5	13.5	13.5	13.8	14.1	13.5
	1350	14.7	12.8	12.3	13.7	13.5	13.5	13.5	13.8	14.1	13.5
	1351	15.0	13.8	13.8	15.7	15.0	16.6	15.7	16.0	16.5	16.1
	1352	15.0	13.8	13.8	15.7	15.0	16.6	15.7	16.0	16.5	16.1
	1353	15.0	13.8	13.8	15.7	15.0	16.6	15.7	16.0	16.5	16.1
	1354	15.2	15.6	14.7	14.0	15.9	15.6	16.9	16.4	15.6	16.1
	1355	15.2	15.6	14.7	14.0	15.9	15.6	16.9	16.4	15.6	16.1
	1356	15.2	15.6	14.7	14.0	15.9	15.6	16.9	16.4	15.6	16.1
	1357	10.0	14.2	14.8	13.8	14.8	15.0	14.5	15.1	10.9	15.1
	1358	10.0	14.2	14.8	13.8	14.8	15.0	14.5	15.1	10.9	15.1
	1359	10.0	14.2	14.8	13.8	14.8	15.0	14.5	15.1	10.9	15.1
	1360	14.7	12.7	15.4	12.8	14.9	15.4	18.4	17.2	15.9	16.4
	1361	14.7	12.7	15.4	12.8	14.9	15.4	18.4	17.2	15.9	16.4
	1362	14.7	12.7	15.4	12.8	14.9	15.4	18.4	17.2	15.9	16.4

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B0.2F	1363	9.6	16.0	15.8	15.7	16.6	16.9	16.0	17.7	16.6	16.8
	1364	9.6	16.0	15.8	15.7	16.6	16.9	16.0	17.7	16.6	16.8
	1365	9.6	16.0	15.8	15.7	16.6	16.9	16.0	17.7	16.6	16.8
	1366	15.4	15.0	15.1	15.6	16.4	15.7	16.4	16.0	16.4	16.7
	1367	15.4	15.0	15.1	15.6	16.4	15.7	16.4	16.0	16.4	16.7
	1368	15.4	15.0	15.1	15.6	16.4	15.7	16.4	16.0	16.4	16.7
	1369	14.6	13.8	13.8	13.8	15.3	15.1	15.2	15.8	15.3	15.2
	1370	14.6	13.8	13.8	13.8	15.3	15.1	15.2	15.8	15.3	15.2
	1371	14.6	13.8	13.8	13.8	15.3	15.1	15.2	15.8	15.3	15.2
	1372	7.6	12.9	13.8	12.6	13.8	14.5	15.8	15.5	14.9	15.0
	1373	7.6	12.9	13.8	12.6	13.8	14.5	15.8	15.5	14.9	15.0
	1374	7.6	12.9	13.8	12.6	13.8	14.5	15.8	15.5	14.9	15.0
	1375	14.6	14.7	13.6	13.5	14.3	15.0	16.4	17.1	13.9	14.8
	1376	14.6	14.7	13.6	13.5	14.3	15.0	16.4	17.1	13.9	14.8
	1377	14.6	14.7	13.6	13.5	14.3	15.0	16.4	17.1	13.9	14.8
	1378	14.2	15.6	12.9	13.0	16.8	14.9	16.2	15.9	16.5	17.0
	1379	14.2	15.6	12.9	13.0	16.8	14.9	16.2	15.9	16.5	17.0
	1380	14.2	15.6	12.9	13.0	16.8	14.9	16.2	15.9	16.5	17.0
B2F	1421	14.3	13.9	14.2	13.1	14.7	13.8		17.9	14.1	14.2
	1422	14.3	13.9	14.2	13.1	14.7	13.8		17.9	14.1	14.2
	1423	14.3	13.9	14.2	13.1	14.7	13.8		17.9	14.1	14.2
	1424	13.8	14.1	13.6	13.7	13.3	12.8	15.6	14.7	13.1	13.3
	1425	13.8	14.1	13.6	13.7	13.3	12.8	15.6	14.7	13.1	13.3
	1426	13.8	14.1	13.6	13.7	13.3	12.8	15.6	14.7	13.1	13.3
	1427	15.8	14.8	16.6	15.5	16.4	15.9	16.6	16.8	17.2	15.2
	1428	15.8	14.8	16.6	15.5	16.4	15.9	16.6	16.8	17.2	15.2
	1429	15.8	14.8	16.6	15.5	16.4	15.9	16.6	16.8	17.2	15.2

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B2F	1430	14.6	14.1	13.8	14.4	15.2	14.8	15.1	15.1	16.6	14.8
	1431	14.6	14.1	13.8	14.4	15.2	14.8	15.1	15.1	16.6	14.8
	1432	14.6	14.1	13.8	14.4	15.2	14.8	15.1	15.1	16.6	14.8
	1433	15.1	13.1	13.8	14.7	14.6	14.7	14.6	13.3	13.9	14.4
	1434	15.1	13.1	13.8	14.7	14.6	14.7	14.6	13.3	13.9	14.4
	1435	15.1	13.1	13.8	14.7	14.6	14.7	14.6	13.3	13.9	14.4
	1436	14.9	14.7	15.4	15.0	16.5	16.5	19.5	17.5	16.4	16.6
	1437	14.9									
	1438	14.9	14.7	15.4	15.0	16.5	16.5	19.5	17.5	16.4	16.6
	1439	15.6	14.8	15.1	15.1	16.4	16.0	16.5	16.6	15.7	16.2
	1440	15.6	14.8	15.1	15.1	16.4	16.0	16.5	16.6	15.7	16.2
	1441	15.6	14.8	15.1	15.1	16.4	16.0				
	1442	17.9	16.8	17.6	17.5	13.2	17.5	22.4	19.3	19.3	17.8
	1443	17.9	16.8	17.6	17.5	13.2	17.5	22.4	19.3	19.3	17.8
	1444	17.9	16.8	17.6	17.5	13.2	17.5	22.4	19.3	19.3	17.8
	1445	15.6	13.2	14.7	14.4	11.7	15.8	15.4	15.5	14.7	13.8
	1446	15.6	13.2	14.7	14.4	11.7	15.8	15.4	15.5	14.7	13.8
	1447	15.6	13.2	14.7	14.4	11.7	15.8	15.4	15.5	14.7	13.8
	1448	13.7	12.6	13.1	13.6	19.0	12.2	13.0	14.0	11.9	12.7
	1449	13.7	12.6	13.1	13.6	19.0	12.2	13.0	14.0	11.9	12.7
	1450	13.7	12.6	13.1	13.6	19.0	12.2	13.0	14.0	11.9	12.7
	1451	16.3	16.3	17.9	16.5	18.2	22.6	20.3	19.8	17.5	17.2
	1452	16.3	16.3	17.9	16.5	18.2	22.6	20.3	19.8	17.5	17.2
	1453	16.3	16.3	17.9	16.5	18.2	22.6	20.3	19.8	17.5	17.2
	1454	14.6	14.6	13.9	13.7	13.1	9.7	15.5	15.5	15.4	13.6
	1455	14.6	14.6	13.9	13.7	13.1	9.7	15.5	15.5	15.4	13.6
	1456	14.6	14.6	13.9	13.7	13.1	9.7	15.5	15.5	15.4	13.6

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B2F	1457	15.9	15.0	15.9	15.8	17.4	16.3	17.5	16.7		
	1458	15.9	15.0	15.9	15.8	17.4	16.3	17.5	16.7	18.0	12.8
	1459	15.9	15.0	15.9	15.8	17.4	16.3	17.5	16.7	18.0	12.8
	1460	19.1	17.0		18.9	16.2	18.5				
	1461	19.1	17.0		18.9	16.2	18.5	20.7	18.9	23.6	17.8
	1462	19.1	17.0		18.9	16.2	18.5	20.7	18.9	23.6	17.8
	1463	17.3	15.0	16.7	16.3	17.2	18.2	20.3	19.7	17.8	17.3
	1464	17.3	15.0	16.7	16.3	17.2	18.2	20.3	19.7	17.8	17.3
	1465	17.3	15.0	16.7	16.3	17.2	18.2	20.3	19.7	17.8	17.3
	1466	14.4	12.3	13.7	14.9	13.9	14.3	13.4	13.9	13.8	13.8
	1467	14.4	12.3	13.7	14.9	13.9	14.3	13.4	13.9	13.8	13.8
	1468	14.4	12.3	13.7	14.9	13.9	14.3	13.4	13.9	13.8	13.8
	1469	16.2	14.7	14.5	15.5	16.3	15.0	16.1	15.4	15.6	15.6
	1470	16.2	14.7	14.5	15.5	16.3	15.0	16.1	15.4	15.6	15.6
	1471	16.2	14.7	14.5	15.5	16.3	15.0	16.1	15.4	15.6	15.6
	1472	15.6	14.0	14.1	14.5	13.7	14.9	15.8	14.9	17.0	15.0
	1473	15.6	14.0	14.1	14.5	13.7	14.9	15.8	14.9	17.0	15.0
	1474	15.6	14.0	14.1	14.5	13.7	14.9	15.8	14.9	17.0	15.0
	1475	15.3	14.9	15.7	15.4	17.2	16.3	18.7	17.7	17.2	15.8
	1476	15.3	14.9	15.7	15.4	17.2	16.3	18.7	17.7	17.2	15.8
	1477	15.3	14.9	15.7	15.4	17.2	16.3	18.7	17.7	17.2	15.8
	1478	15.0	14.1	16.4	16.8	17.4	17.8	18.3	17.7	17.3	23.3
	1479	15.0	14.1	16.4	16.8	17.4	17.8	18.3	17.7	17.3	23.3
	1480	15.0	14.1	16.4	16.8	17.4	17.8	18.3	17.7	17.3	23.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B5F	1521	10.8	11.7	11.6	11.7	11.8	12.3	12.3	12.0	11.6	12.6
	1522	10.8	11.7	11.6	11.7	11.8	12.3	12.3	12.0	11.6	12.6
	1523	10.8	11.7	11.6	11.7	11.8	12.3	12.3	12.0	11.6	12.6
	1524	11.1	10.6	11.0	11.0	11.5	11.6	11.6	11.9	11.1	10.9
	1525	11.1	10.6	11.0	11.0	11.5	11.6	11.6	11.9	11.1	10.9
	1526	11.1	10.6	11.0	11.0	11.5	11.6	11.6	11.9	11.1	10.9
	1527	13.2		13.6	13.6	13.2	14.0	14.6	14.3	14.2	13.4
	1528	13.2		13.6	13.6	13.2	14.0	14.6	14.3	14.2	13.4
	1529	13.2		13.6	13.6	13.2	14.0	14.6	14.3	14.2	13.4
	1530	13.0	13.3	12.7	12.5	13.6	12.7	14.2	14.2	14.5	11.7
	1531	13.0	13.3	12.7	12.5	13.6	12.7	14.2	14.2	14.5	11.7
	1532	13.0	13.3	12.7	12.5	13.6	12.7	14.2	14.2	14.5	11.7
	1533	11.8	11.4	11.9	12.6	11.8	13.0	13.4	14.0	14.4	13.6
	1534	11.8	11.4	11.9	12.6	11.8	13.0	13.4	14.0	14.4	13.6
	1535	11.8	11.4	11.9	12.6	11.8	13.0	13.4	14.0	14.4	13.6
	1536	13.9	13.0	13.9	14.1	15.3	19.2	14.3	14.6	13.0	13.9
	1537	13.9	13.0	13.9	14.1	15.3	19.2	14.3	14.6	13.0	13.9
	1538	13.9	13.0	13.9	14.1	15.3	19.2	14.3	14.6	13.0	13.9
	1539	11.5	12.1	11.9	11.6	11.8	10.2	12.2	12.1	12.0	12.2
	1540	11.5	12.1	11.9	11.6	11.8	10.2	12.2	12.1	12.0	12.2
	1541	11.5	12.1	11.9	11.6	11.8	10.2	12.2	12.1	12.0	12.2
	1542	11.5	10.4	11.6	11.0	12.5	12.1	11.5	11.9	12.0	13.1
	1543	11.5	10.4	11.6	11.0	12.5	12.1	11.5	11.9	12.0	13.1
	1544	11.5	10.4	11.6	11.0	12.5	12.1	11.5	11.9	12.0	13.1
	1545	11.7	11.3	13.0	11.4	12.8	12.7	13.1	12.6	13.1	12.7
	1546	11.7	11.3	13.0	11.4	12.8	12.7	13.1	12.6	13.1	12.7
	1547	11.7	11.3	13.0	11.4	12.8	12.7	13.1	12.6	13.1	12.7

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B5F	1548	12.8	12.5	12.8	12.5	13.4	13.4	13.4	14.4	12.5	13.1
	1549	12.8	12.5	12.8	12.5	13.4	13.4	13.4	14.4	12.5	13.1
	1550	12.8	12.5	12.8	12.5	13.4	13.4	13.4	14.4	12.5	13.1
	1551	12.0	10.4	12.4	13.5	12.8	12.4	13.0	13.3	13.2	12.3
	1552	12.0	10.4	12.4	13.5	12.8	12.4	13.0	13.3	13.2	12.3
	1553	12.0	10.4	12.4	13.5	12.8	12.4	13.0	13.3	13.2	12.3
	1554	12.1	11.8	12.7	11.7	11.5	12.9	11.7	13.0	11.9	12.2
	1555	12.1	11.8	12.7	11.7	11.5	12.9	11.7	13.0	11.9	12.2
	1556	12.1	11.8	12.7	11.7	11.5	12.9	11.7	13.0	11.9	12.2
	1557	13.8	14.5	14.6	15.0	15.3	15.5	14.4	15.2	14.5	14.8
	1558	13.8	14.5	14.6	15.0	15.3	15.5	14.4	15.2	14.5	14.8
	1559	13.8	14.5	14.6	15.0	15.3	15.5	14.4	15.2	14.5	14.8
	1560	13.1	12.6	13.2	12.8	12.6	13.3	12.5	12.7	13.3	12.8
	1561	13.1	12.6	13.2	12.8	12.6	13.3	12.5	12.7	13.3	12.8
	1562	13.1	12.6	13.2	12.8	12.6	13.3	12.5	12.7	13.3	12.8
	1563	11.1	11.2	11.4	11.7	12.3	11.7	10.1	13.9	13.2	12.3
	1564	11.1	11.2	11.4	11.7	12.3	11.7	10.1	13.9	13.2	12.3
	1565	11.1	11.2	11.4	11.7	12.3	11.7	10.1			
	1566	11.2	10.8	12.0	11.9	11.4	12.1	12.1	12.5	10.7	11.1
	1567	11.2	10.8	12.0	11.9	11.4	12.1	12.1	12.5	10.7	11.1
	1568	11.2	10.8	12.0	11.9	11.4	12.1	12.1	12.5	10.7	11.1
	1569	13.4	12.6	13.2	13.5	12.6	12.8	12.8	12.6	12.7	13.2
	1570	13.4	12.6	13.2	13.5	12.6	12.8	12.8	12.6	12.7	13.2
	1571	13.4	12.6	13.2	13.5	12.6	12.8	12.8	12.6	12.7	13.2
	1572	11.8	11.7	12.7	11.9	12.2	12.2	7.6	15.5	13.3	
	1573	11.8	11.7	12.7	11.9	12.2	12.2	7.6	15.5	13.3	
	1574	11.8	11.7	12.7	11.9	12.2	12.2	7.6			

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
B5F	1575	12.5	11.7	13.0	12.7	12.5	13.0	12.4	13.6	11.5	12.5
	1576	12.5	11.7	13.0	12.7	12.5	13.0	12.4	13.6	11.5	12.5
	1577	12.5	11.7	13.0	12.7	12.5	13.0	12.4	13.6	11.5	12.5
	1578	11.1	11.3	12.2	8.7	12.9	13.6	13.0	12.5	12.2	11.6
	1579	11.1	11.3	12.2	8.7	12.9	13.6	13.0	12.5	12.2	11.6
	1580	11.1	11.3	12.2	8.7	12.9	13.6	13.0	12.5	12.2	11.6
E0.2F	1621	17.0	16.4	17.5	16.3	18.1	14.8	18.2	18.9	19.0	17.5
	1622	17.0	16.4	17.5	16.3	18.1	14.8	18.2	18.9	19.0	17.5
	1623	17.0	16.4	17.5	16.3	18.1	14.8	18.2	18.9	19.0	17.5
	1624	15.7	15.0	16.0	15.8	16.9	17.6	16.9	17.3	17.3	17.0
	1625	15.7	15.0	16.0	15.8	16.9	17.6	16.9	17.3	17.3	17.0
	1626	15.7	15.0	16.0	15.8	16.9	17.6	16.9	17.3	17.3	17.0
	1627	16.1	14.2	16.1	15.2	17.1	16.1	16.9	15.9	17.9	16.1
	1628	16.1	14.2	16.1	15.2	17.1	16.1	16.9	15.9	17.9	16.1
	1629	16.1	14.2	16.1	15.2	17.1	16.1	16.9	15.9	17.9	16.1
	1630	15.3	14.2	15.4	14.0	16.1	14.9	15.1	14.8	17.0	15.0
	1631	15.3	14.2	15.4	14.0	16.1	14.9	15.1	14.8	17.0	15.0
	1632	15.3	14.2	15.4	14.0	16.1	14.9	15.1	14.8	17.0	15.0
	1633	16.8	18.0	15.5	20.4	19.8	18.2	17.5	17.4	20.6	17.0
	1634	16.8	18.0	15.5	20.4	19.8	18.2	17.5	17.4	20.6	17.0
	1635	16.8	18.0	15.5	20.4	19.8	18.2	17.5	17.4	20.6	17.0
	1636	17.9	16.9	17.3	16.4	23.7	19.2	20.1	20.6	17.1	20.3
	1637	17.9	16.9	17.3	16.4	23.7	19.2	20.1	20.6	17.1	20.3
	1638	17.9	16.9	17.3	16.4	23.7	19.2	20.1	20.6	17.1	20.3
	1639	19.0	17.4	16.8	16.0	20.4	21.5	18.4	15.1	16.6	18.8
	1640	19.0	17.4	16.8	16.0	20.4	21.5	18.4	15.1	16.6	18.8

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
E0.2F	1641	19.0	17.4	16.8	16.0	20.4	21.5	18.4	15.1	16.6	18.8
	1642	18.5	15.0	15.1	15.7	17.5	16.1	16.5	18.0	19.0	17.4
	1643	18.5	15.0	15.1	15.7	17.5	16.1	16.5	18.0	19.0	17.4
	1644	18.5	15.0	15.1	15.7	17.5	16.1	16.5	18.0	19.0	17.4
	1645	14.7	14.0	15.1	13.7	20.3	18.8	17.3	16.3	29.3	17.1
	1646	14.7	14.0	15.1	13.7	20.3	18.8	17.3	16.3	29.3	17.1
	1647	14.7	14.0	15.1	13.7	20.3	18.8	17.3	16.3	29.3	17.1
	1648	14.6	13.4	15.7	14.1	15.3	16.2	16.9	15.5	16.6	15.3
	1649	14.6	13.4	15.7	14.1	15.3	16.2	16.9	15.5	16.6	15.3
	1650	14.6	13.4	15.7	14.1	15.3	16.2	16.9	15.5	16.6	15.3
	1651	16.9	14.9	16.0	16.0	15.7	16.0	15.8	16.6	17.7	16.6
	1652	16.9	14.9	16.0	16.0	15.7	16.0	15.8	16.6	17.7	16.6
	1653	16.9	14.9	16.0	16.0	15.7	16.0	15.8	16.6	17.7	16.6
	1654	15.9	9.7	14.1	13.3	14.5	15.2	14.7	14.4	15.4	15.0
	1655	15.9	9.7	14.1	13.3	14.5	15.2	14.7	14.4	15.4	15.0
	1656	15.9	9.7	14.1	13.3	14.5	15.2	14.7	14.4	15.4	15.0
	1657	15.8	16.5	16.5	16.6	19.2	21.5	20.2	19.8	19.2	17.7
	1658	15.8	16.5	16.5	16.6	19.2	21.5	20.2	19.8	19.2	17.7
	1659	15.8	16.5	16.5	16.6	19.2	21.5	20.2	19.8	19.2	17.7
	1660	14.5	12.8	15.3	14.5	14.9	14.8	15.5	14.4	15.9	14.9
	1661	14.5	12.8	15.3	14.5	14.9	14.8	15.5	14.4	15.9	14.9
	1662	14.5	12.8	15.3	14.5	14.9	14.8	15.5	14.4	15.9	14.9
	1663	16.5	16.1	17.3	15.4	13.9	15.2	18.1	18.3	17.2	18.0
	1664	16.5	16.1	17.3	15.4	13.9	15.2	18.1	18.3	17.2	18.0
	1665	16.5	16.1	17.3	15.4	13.9	15.2	18.1	18.3	17.2	18.0
	1666	17.2	15.1	16.0	16.2	17.9	17.7	16.5	17.3	16.4	17.4

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
E0.2F	1667	17.2	15.1	16.0	16.2	17.9	17.7	16.5	17.3	16.4	17.4
	1668	17.2	15.1	16.0	16.2	17.9	17.7	16.5	17.3	16.4	17.4
	1669	14.7	12.2	14.1	13.9	14.0	14.2	13.0	14.4	15.9	15.7
	1670	14.7	12.2	14.1	13.9	14.0	14.2	13.0	14.4	15.9	15.7
	1671	14.7	12.2	14.1	13.9	14.0	14.2	13.0	14.4	15.9	15.7
	1672	13.3	12.9	14.8	13.2	14.8	14.5	15.8	14.3	13.4	13.8
	1673	13.3	12.9	14.8	13.2	14.8	14.5	15.8	14.3	13.4	13.8
	1674	13.3	12.9	14.8	13.2	14.8	14.5	15.8	14.3	13.4	13.8
	1675	13.7	13.4	13.6	13.2	13.9	13.7	13.8	13.5	14.3	13.5
	1676	13.7	13.4	13.6	13.2	13.9	13.7	13.8	13.5	14.3	13.5
	1677	13.7	13.4	13.6	13.2	13.9	13.7	13.8	13.5	14.3	13.5
	1678	14.9	14.5	15.8	14.4	16.2	16.4	16.9	16.4	15.9	14.9
	1679	14.9	14.5	15.8	14.4	16.2	16.4	16.9	16.4	15.9	14.9
	1680	14.9	14.5	15.8	14.4	16.2	16.4	16.9	16.4	15.9	14.9
E2F	1721	12.0	14.1	14.4	12.9	15.3	15.5	15.6	14.1	14.6	13.7
	1722	12.0	14.1	14.4	12.9	15.3	15.5	15.6	14.1	14.6	13.7
	1723	12.0	14.1	14.4	12.9	15.3	15.5	15.6	14.1	14.6	13.7
	1724	16.1	14.6	17.0	16.2	17.0	17.1	18.1	16.7	18.0	17.2
	1725	16.1	14.6	17.0	16.2	17.0	17.1	18.1	16.7	18.0	17.2
	1726	16.1	14.6	17.0	16.2	17.0	17.1	18.1	16.7	18.0	17.2
	1727	14.8	13.4	14.2	14.3	14.0	15.7	14.7	14.6	13.2	14.6
	1728	14.8	13.4	14.2	14.3	14.0	15.7	14.7	14.6	13.2	14.6
	1729	14.8	13.4	14.2	14.3	14.0	15.7	14.7	14.6	13.2	14.6
	1730	16.2	13.9	16.1	15.4	16.9	17.8	13.0	15.3	17.2	17.9
	1731	16.2	13.9	16.1	15.4	16.9	17.8	13.0			
	1732	16.2	13.9	16.1	15.4	16.9	17.8	13.0	15.3	17.2	17.9
	1733	14.3	12.9	14.2	13.7	13.5	14.2	14.1	13.1	14.2	14.6

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
E2F	1734	14.3	12.9	14.2	13.7	13.5	14.2	14.1	13.1	14.2	14.6
	1735	14.3	12.9	14.2	13.7	13.5	14.2	14.1	13.1	14.2	14.6
	1736	15.6	15.8	16.9	14.7	15.2	15.1	15.0	15.2	14.7	14.6
	1737	15.6	15.8	16.9	14.7	15.2	15.1	15.0	15.2	14.7	14.6
	1738	15.6	15.8	16.9	14.7	15.2	15.1	15.0	15.2	14.7	14.6
	1739	15.6	14.9	16.4	14.0	17.8	15.0	17.8	22.3	18.5	13.7
	1740	15.6	14.9	16.4	14.0	17.8	15.0	17.8	22.3	18.5	13.7
	1741	15.6	14.9	16.4	14.0	17.8	15.0	17.8	22.3	18.5	13.7
	1742	14.2	14.3	14.3	14.9	16.1	15.7	14.1	16.0	14.5	12.7
	1743	14.2	14.3	14.3	14.9	16.1	15.7	14.1	16.0	14.5	12.7
	1744	14.2	14.3	14.3	14.9	16.1	15.7	14.1	16.0	14.5	12.7
	1745	14.9	14.2	15.8	14.3	17.1	16.2	15.8	16.4	16.8	14.7
	1746	14.9	14.2	15.8	14.3	17.1	16.2	15.8	16.4	16.8	14.7
	1747	14.9	14.2	15.8	14.3	17.1	16.2	15.8	16.4	16.8	14.7
	1748	16.6	18.7	14.0	13.6	16.7	18.3	17.6	17.9	20.4	20.6
	1749	16.6	18.7	14.0	13.6	16.7	18.3	17.6	17.9	20.4	20.6
	1750	16.6	18.7	14.0	13.6	16.7	18.3	17.6	17.9	20.4	20.6
	1751	13.8	13.4	12.5	13.0	16.3	14.8	14.5	14.3	14.2	14.1
	1752	13.8	13.4	12.5	13.0	16.3	14.8	14.5	14.3	14.2	14.1
	1753	13.8	13.4	12.5	13.0	16.3	14.8	14.5	14.3	14.2	14.1
	1754	15.4	14.4	15.5	13.6	14.7	14.4	17.1	14.6	17.2	15.1
	1755	15.4	14.4	15.5	13.6	14.7	14.4	17.1	14.6	17.2	15.1
	1756	15.4	14.4	15.5	13.6	14.7	14.4	17.1	14.6	17.2	15.1
	1757	14.4	14.7	14.2	11.7	15.6	14.9	14.7	14.9	14.6	14.1
	1758	14.4	14.7	14.2	11.7	15.6	14.9	14.7	14.9	14.6	14.1
	1759	14.4	14.7	14.2	11.7	15.6	14.9	14.7	14.9	14.6	14.1
	1760	14.0	14.5	14.6	12.6	15.5	16.1	13.9	16.5	18.1	18.2

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
E2F	1761	14.0	14.5	14.6	12.6	15.5	16.1	13.9	16.5	18.1	18.2
	1762	14.0	14.5	14.6	12.6	15.5	16.1	13.9	16.5	18.1	18.2
	1763	14.6	12.8	14.5	13.8	15.9	14.9	15.6	14.8	15.0	13.6
	1764	14.6	12.8	14.5	13.8	15.9	14.9	15.6	14.8	15.0	13.6
	1765	14.6	12.8	14.5	13.8	15.9	14.9	15.6	14.8	15.0	13.6
	1766	14.9	13.9	13.7	12.3	14.5	13.4	14.3	15.2	14.5	13.7
	1767	14.9	13.9	13.7	12.3	14.5	13.4	14.3	15.2	14.5	13.7
	1768	14.9	13.9	13.7	12.3	14.5	13.4	14.3	15.2	14.5	13.7
	1769	17.4	15.5	16.2	15.7	16.5	16.1	15.8	16.8	17.0	17.5
	1770	17.4	15.5	16.2	15.7	16.5	16.1	15.8	16.8	17.0	17.5
	1771	17.4	15.5	16.2	15.7	16.5	16.1	15.8	16.8	17.0	17.5
	1772	16.4	18.4	16.8	15.7	16.3	17.3	17.2	17.8	16.2	21.5
	1773	16.4	18.4	16.8	15.7	16.3	17.3	17.2	17.8	16.2	21.5
	1774	16.4	18.4	16.8	15.7	16.3	17.3	17.2	17.8	16.2	21.5
	1775	13.3	13.6	12.8	13.4	14.9	14.4	14.5	14.2	14.9	13.2
	1776	13.3	13.6	12.8	13.4	14.9	14.4	14.5	14.2	14.9	13.2
	1777	13.3	13.6	12.8	13.4	14.9	14.4	14.5	14.2	14.9	13.2
	1778	17.2	15.9	15.8	15.4	16.1	19.6	15.8	18.1	14.7	15.2
	1779	17.2	15.9	15.8	15.4	16.1	19.6	15.8	18.1	14.7	15.2
	1780	17.2	15.9	15.8	15.4	16.1	19.6	15.8	18.1	14.7	15.2
E5F	1821	10.6	11.4	11.3	11.0	11.3	11.5	11.7	11.7	11.9	11.8
	1822	10.6	11.4	11.3	11.0	11.3	11.5	11.7	11.7	11.9	11.8
	1823	10.6	11.4	11.3	11.0	11.3	11.5	11.7	11.7	11.9	11.8
	1824	12.0	12.2	12.3	12.1	12.4	12.5	12.7	12.2	12.3	12.1
	1825	12.0	12.2	12.3	12.1	12.4	12.5	12.7	12.2	12.3	12.1
	1826	12.0	12.2	12.3	12.1	12.4	12.5	12.7	12.2	12.3	12.1
	1827	12.0	11.9	12.7	12.1	12.4	14.8	13.3	12.5	12.7	13.1

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
E5F	1828	12.0	11.9	12.7	12.1	12.4	14.8	13.3	12.5	12.7	13.1
	1829	12.0	11.9	12.7	12.1	12.4	14.8	13.3	12.5	12.7	13.1
	1830	14.1	13.6	15.3	7.5	15.1	14.5	14.7	15.5	15.0	15.0
	1831	14.1	13.6	15.3	7.5	15.1	14.5	14.7	15.5	15.0	15.0
	1832	14.1	13.6	15.3	7.5	15.1	14.5	14.7	15.5	15.0	15.0
	1833	14.1	13.1	13.3	14.7	12.7	15.2	12.3	13.8	14.8	14.2
	1834	14.1	13.1	13.3	14.7	12.7	15.2	12.3	13.8	14.8	14.2
	1835	14.1	13.1	13.3	14.7	12.7	15.2	12.3	13.8	14.8	14.2
	1836	14.5	16.7	16.1	13.7	16.2	15.8	17.7	16.2	15.5	13.9
	1837	14.5	16.7	16.1	13.7	16.2	15.8	17.7	16.2	15.5	13.9
	1838	14.5	16.7	16.1	13.7	16.2	15.8	17.7	16.2	15.5	13.9
	1839	12.8	13.3	13.1	12.8	14.3	14.2	13.4	12.5	12.5	12.8
	1840	12.8	13.3	13.1	12.8	14.3	14.2	13.4	12.5	12.5	12.8
	1841	12.8	13.3	13.1	12.8	14.3	14.2	13.4	12.5	12.5	12.8
	1842	11.7	11.3	11.3	11.8	11.0	12.1	11.2	11.8	10.3	10.7
	1843	11.7	11.3	11.3	11.8	11.0	12.1	11.2	11.8	10.3	10.7
	1844	11.7	11.3	11.3	11.8	11.0	12.1	11.2	11.8	10.3	10.7
	1845	12.8	13.1	14.2	12.9	13.5	13.2	13.4	13.5	14.0	12.7
	1846	12.8	13.1	14.2	12.9	13.5	13.2	13.4	13.5	14.0	12.7
	1847	12.8	13.1	14.2	12.9	13.5	13.2	13.4	13.5	14.0	12.7
	1848	12.4	12.2	12.6	12.0	12.1	12.3	11.7	12.3	12.7	12.8
	1849	12.4	12.2	12.6	12.0	12.1	12.3	11.7	12.3	12.7	12.8
	1850	12.4	12.2	12.6	12.0	12.1	12.3	11.7	12.3	12.7	12.8
	1851	12.4	11.9	12.2	11.9	11.4	11.5	12.4	11.9	12.5	12.1
	1852	12.4	11.9	12.2	11.9	11.4	11.5	12.4	11.9	12.5	12.1
	1853	12.4	11.9	12.2	11.9	11.4	11.5	12.4	11.9	12.5	12.1

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	315	343	371	399	423	427	451	455	479	483
E5F	1854	11.9	12.3	12.4	12.0	12.4	12.7	12.4	11.8	11.1	12.3
	1855	11.9	12.3	12.4	12.0	12.4	12.7	12.4	11.8	11.1	12.3
	1856	11.9	12.3	12.4	12.0	12.4	12.7	12.4	11.8	11.1	12.3
	1857	11.9	12.0	12.5	12.3	12.2	13.3	12.0		12.3	12.6
	1858	11.9	12.0	12.5	12.3	12.2	13.3	12.0		12.3	12.6
	1859	11.9	12.0	12.5	12.3	12.2	13.3	12.0		12.3	12.6
	1860	13.9	12.3	12.5	12.6	11.9	12.4	11.8		11.7	12.7
	1861	13.9	12.3	12.5	12.6	11.9	12.4	11.8		11.7	12.7
	1862	13.9	12.3	12.5	12.6	11.9	12.4	11.8		11.7	12.7
	1863	11.8	11.7	12.6	12.0	12.3	13.9	12.4		12.0	11.9
	1864	11.8	11.7	12.6	12.0	12.3	13.9	12.4		12.0	11.9
	1865	11.8	11.7	12.6	12.0	12.3	13.9	12.4		12.0	11.9
	1866	14.0	13.0	13.4	13.2	14.2	15.2	15.1		13.9	14.4
	1867	14.0	13.0	13.4	13.2	14.2	15.2	15.1		13.9	14.4
	1868	14.0	13.0	13.4	13.2	14.2	15.2	15.1		13.9	14.4
	1869	14.6	13.3	13.2	14.5	14.5	14.7	14.3		15.0	15.2
	1870	14.6	13.3	13.2	14.5	14.5	14.7	14.3		15.0	15.2
	1871	14.6	13.3	13.2	14.5	14.5	14.7	14.3		15.0	15.2
	1872	13.7	14.6	14.6	14.4	14.4	14.7	14.0		17.8	27.6
	1873	13.7	14.6	14.6	14.4	14.4	14.7	14.0			
	1874	13.7	14.6	14.6	14.4	14.4	14.7	14.0			
	1875	13.3	13.7	13.2	13.3	13.8	14.6	13.3		13.2	13.4
	1876	13.3	13.7	13.2	13.3	13.8	14.6	13.3		13.2	13.4
	1877	13.3	13.7	13.2	13.3	13.8	14.6	13.3		13.2	13.4
	1878	12.6	13.0	12.4	13.1	13.4	13.8	13.5		13.2	13.4
	1879	12.6	13.0	12.4	13.1	13.4	13.8	13.5		13.2	13.4
	1880	12.6	13.0	12.4	13.1	13.4	13.8	13.5		13.2	13.4

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day									
		507	511	535	539	563	567	591	595	619	623
CF	1121										
	1122	16.9	21.2	18.0	16.0	14.1	15.5	16.2	10.7		
	1123										
	1124	13.8	15.2	17.3	15.8	13.9	16.4	15.6	17.6		
	1125	13.8	15.2	17.3	15.8	13.9	16.4	15.6	17.6	15.2	15.5
	1126	13.8	15.2	17.3	15.8	13.9	16.4	15.6	17.6	15.2	15.5
	1127	15.3	3.8	14.7	14.8	15.3	16.0	17.4	13.4	14.7	17.2
	1128	15.3	3.8	14.7	14.8	15.3	16.0	17.4	13.4	14.7	17.2
	1129	15.3	3.8	14.7	14.8	15.3	16.0	17.4	13.4		
	1130	19.5	18.5	16.4	15.0	15.8	15.6	17.1	17.8	16.5	14.0
	1131	19.5	18.5	16.4	15.0	15.8	15.6	17.1	17.8	16.5	14.0
	1132	19.5	18.5	16.4	15.0	15.8	15.6	17.1	17.8	16.5	14.0
	1133	15.5	14.8	16.3	14.2	16.8	14.4	16.5	17.2	14.0	15.1
	1134	15.5	14.8	16.3	14.2	16.8	14.4	16.5	17.2	14.0	15.1
	1135	15.5	14.8	16.3	14.2	16.8	14.4	16.5	17.2	14.0	15.1
	1136										
	1137	14.4	13.0	12.8	11.4	13.6	13.5	15.7	16.9	14.3	15.5
	1138	14.4	13.0	12.8	11.4	13.6	13.5	15.7	16.9	14.3	15.5
	1139	15.9	15.8	13.6	11.5	20.5	17.8	16.3	20.0	21.0	17.9
	1140	15.9	15.8	13.6	11.5	20.5	17.8	16.3	20.0	21.0	17.9
	1141	15.9	15.8	13.6	11.5						
	1142	17.1	15.6	15.8	16.5	17.6	16.7	16.5	17.1	17.8	17.4
	1143	17.1	15.6	15.8	16.5	17.6	16.7	16.5	17.1	17.8	17.4
	1144	17.1	15.6	15.8	16.5	17.6	16.7	16.5	17.1	17.8	17.4
	1145	14.6	15.7	15.2	14.6	15.0	17.3	17.9	15.1	16.0	16.3
	1146	14.6	15.7	15.2	14.6	15.0	17.3	17.9	15.1	16.0	16.3
	1147	14.6	15.7	15.2	14.6	15.0	17.3	17.9	15.1	16.0	16.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
CF	1148	13.2	12.9	15.6	14.4	14.4	15.7	15.6	14.2	13.1	13.6
	1149	13.2	12.9	15.6	14.4	14.4	15.7	15.6	14.2	13.1	13.6
	1150	13.2	12.9	15.6	14.4	14.4	15.7	15.6	14.2	13.1	13.6
	1151	15.1	13.6	14.0	14.7	13.7	15.9	13.8	15.7	14.3	15.3
	1152	15.1	13.6	14.0	14.7	13.7	15.9	13.8	15.7	14.3	15.3
	1153	15.1	13.6	14.0	14.7	13.7	15.9	13.8	15.7	14.3	15.3
	1154	16.2	13.2	14.2	14.4	16.3	15.3	16.7	17.3	16.4	16.5
	1155	16.2	13.2	14.2	14.4	16.3	15.3	16.7	17.3	16.4	16.5
	1156	16.2	13.2	14.2	14.4	16.3	15.3	16.7	17.3	16.4	16.5
	1157	15.8	15.5	13.8	13.3	14.8	12.8	16.4	15.2	15.3	14.0
	1158	15.8	15.5	13.8	13.3	14.8	12.8	16.4	15.2	15.3	14.0
	1159	15.8	15.5	13.8	13.3	14.8	12.8	16.4	15.2	15.3	14.0
	1160	20.3	19.8	20.1	20.6	20.9	21.7	22.1	20.6	23.8	24.3
	1161	20.3	19.8	20.1	20.6	20.9	21.7	22.1	20.6	23.8	24.3
	1162	20.3	19.8	20.1	20.6	20.9	21.7	22.1	20.6	23.8	24.3
	1163	16.4	14.2	16.5	13.4	15.5	16.4	15.1	15.8	14.9	15.6
	1164	16.4	14.2	16.5	13.4	15.5	16.4	15.1	15.8	14.9	15.6
	1165	16.4	14.2	16.5	13.4	15.5	16.4	15.1	15.8	14.9	15.6
	1166	14.6	17.8	11.9	14.4	15.2	15.7	8.7	17.7	16.5	13.9
	1167	14.6	17.8	11.9	14.4	15.2	15.7	8.7	17.7	16.5	13.9
	1168	14.6	17.8	11.9	14.4	15.2	15.7	8.7			
	1169	18.3	18.0	16.4	16.8	16.6	18.6	18.7	17.8	18.4	16.1
	1170	18.3	18.0	16.4	16.8	16.6	18.6	18.7	17.8	18.4	16.1
	1171	18.3	18.0	16.4	16.8	16.6	18.6	18.7	17.8	18.4	16.1
	1172	16.5	16.7	14.8	15.9	15.2	14.8	17.8	17.2	17.9	16.7
	1173	16.5	16.7	14.8	15.9	15.2	14.8	17.8	17.2	17.9	16.7
	1174	16.5	16.7	14.8	15.9	15.2	14.8	17.8	17.2	17.9	16.7

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
CF	1175	15.8	15.3	14.7	15.6	17.6	17.2	16.7	19.2	16.1	19.3
	1176	15.8	15.3	14.7	15.6	17.6	17.2	16.7	19.2	16.1	19.3
	1177	15.8	15.3	14.7	15.6	17.6	17.2	16.7	19.2	16.1	19.3
	1178	16.0	15.1	12.5	11.2						
	1179	16.0	15.1	12.5	11.2	15.0	18.5	12.9	19.9	14.6	16.3
	1180	16.0	15.1	12.5	11.2						
CBF	1201	14.1	15.2	17.0	14.1	19.3	18.7	20.3	20.4	17.9	19.1
	1202	14.1	15.2	17.0	14.1	19.3	18.7	20.3	20.4	17.9	19.1
	1203	14.1	15.2								
	1204	14.7	14.8	13.2	13.4	14.3	15.9	15.1	14.1	15.1	16.6
	1205	14.7	14.8	13.2	13.4	14.3	15.9	15.1	14.1	15.1	16.6
	1206	14.7	14.8	13.2	13.4	14.3	15.9	15.1	14.1	15.1	16.6
	1207										
	1208										
	1209	15.7	18.7	18.1	26.2	20.8	20.4	26.0	24.3	22.8	15.2
	1210	27.2	16.3	20.7	16.2	21.9	23.8	23.1	22.0	22.9	23.0
	1211	27.2	16.3	20.7	16.2	21.9	23.8	23.1	22.0	22.9	23.0
	1212	27.2	16.3								
	1213	18.4	19.5	19.5	16.2	16.3	18.8	23.2	21.3	19.4	19.9
	1214	18.4	19.5	19.5	16.2	16.3	18.8	23.2	21.3	19.4	19.9
	1215	18.4	19.5	19.5	16.2	16.3	18.8	23.2	21.3	19.4	19.9
	1216	17.6	16.4	15.6	13.9	14.3	13.7	13.0	16.3		
	1217	17.6	16.4	15.6	13.9	14.3	13.7	13.0	16.3	14.1	14.3
	1218	17.6	16.4	15.6	13.9						
	1219	18.5	18.8	19.1	17.4	16.8	17.8	16.8	19.7	15.9	17.9
	1220	18.5	18.8	19.1	17.4	16.8	17.8	16.8	19.7	15.9	17.9

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day									
		507	511	535	539	563	567	591	595	619	623
CBF	1221	18.5	18.8	19.1	17.4	16.8	17.8	16.8	19.7	15.9	17.9
	1222	19.3	16.2	17.2	19.7	19.2	20.6	18.8	21.7	23.2	24.6
	1223	19.3	16.2	17.2	19.7	19.2	20.6	18.8	21.7	23.2	24.6
	1224										
	1225	13.8	14.2	13.9	18.4	15.4	14.2	15.6	17.2	16.7	16.1
	1226	13.8	14.2	13.9	18.4	15.4	14.2	15.6	17.2	16.7	16.1
	1227	13.8	14.2	13.9	18.4	15.4	14.2	15.6	17.2	16.7	16.1
	1228	16.2	16.0	15.2	15.9	18.6	16.7	16.4	18.8	16.6	15.8
	1229	16.2	16.0	15.2	15.9	18.6	16.7	16.4	18.8	16.6	15.8
	1230	16.2	16.0	15.2	15.9	18.6	16.7	16.4	18.8	16.6	15.8
	1231	18.0	18.0	18.5	15.3	17.9	19.5	17.7	18.0	17.7	17.7
	1232	18.0	18.0	18.5	15.3	17.9	19.5	17.7	18.0	17.7	17.7
	1233	18.0	18.0	18.5	15.3	17.9	19.5	17.7	18.0	17.7	17.7
	1234	15.7	15.5	15.0	15.2	16.2	15.8	14.8	16.3	16.4	16.0
	1235	15.7	15.5	15.0	15.2	16.2	15.8	14.8	16.3	16.4	16.0
	1236	15.7	15.5	15.0	15.2	16.2	15.8	14.8	16.3	16.4	16.0
	1237	16.6	17.9	15.3	13.4	16.0	16.4	17.7	16.0	17.3	17.3
	1238	16.6	17.9	15.3	13.4	16.0	16.4	17.7	16.0	17.3	17.3
	1239	16.6	17.9	15.3	13.4	16.0	16.4	17.7	16.0	17.3	17.3
	1240	15.5	16.8	18.4	18.7	20.1	18.3	18.3	17.4	18.4	20.5
	1241										
	1242	15.5	16.8	18.4	18.7	20.1	18.3	18.3	17.4	18.4	20.5
	1243	15.5	15.8	15.6	17.6	16.6	16.2	20.1	19.0	15.5	19.5
	1244	15.5	15.8	15.6	17.6	16.6	16.2	20.1	19.0	15.5	19.5
	1245										
	1246	17.9	17.4	16.9	18.7	19.1	18.7	18.9	18.7	16.0	17.3
	1247	17.9	17.4	16.9	18.7	19.1	18.7	18.9	18.7	16.0	17.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
CBF	1248	17.9	17.4	16.9	18.7	19.1	18.7	18.9	18.7	16.0	17.3
	1249	18.8	17.1	18.7	17.2	16.4	19.1	20.6	19.0	15.6	14.1
	1250	18.8	17.1	18.7	17.2	16.4	19.1	20.6	19.0	15.6	14.1
	1251	18.8	17.1	18.7	17.2	16.4	19.1	20.6	19.0	15.6	14.1
	1252	14.2	14.8	13.7	13.4	15.3	12.6	15.4	15.8	11.0	12.2
	1253	14.2	14.8	13.7	13.4	15.3	12.6	15.4	15.8	11.0	12.2
	1254	14.2	14.8	13.7	13.4	15.3	12.6	15.4	15.8	11.0	12.2
	1255	14.2	12.7	11.7	11.6	14.8	6.8	12.1	17.0	10.5	12.5
	1256	14.2	12.7	11.7	11.6	14.8	6.8	12.1	17.0	10.5	12.5
	1257	14.2	12.7	11.7	11.6	14.8	6.8	12.1	17.0	10.5	12.5
	1258	14.4	13.3	15.2	13.8	15.6	14.3	16.7	14.7	14.3	14.7
	1259	14.4	13.3	15.2	13.8	15.6	14.3	16.7	14.7	14.3	14.7
	1260	14.4	13.3	15.2	13.8	15.6	14.3	16.7	14.7	14.3	14.7
B0.2F	1321	15.4	14.5	13.2	13.4	17.3	15.3	15.7	16.0	17.0	14.9
	1322	15.4	14.5	13.2	13.4	17.3	15.3	15.7	16.0	17.0	14.9
	1323	15.4	14.5	13.2	13.4	17.3	15.3	15.7	16.0	17.0	14.9
	1324	16.7	17.2	19.3	15.4	15.5	19.5	16.3	18.3	18.0	21.2
	1325	16.7	17.2	19.3	15.4	15.5	19.5	16.3	18.3	18.0	21.2
	1326	16.7	17.2	19.3	15.4	15.5	19.5	16.3	18.3	18.0	21.2
	1327	15.1	16.9	13.2	15.5	15.5	15.0	15.4	17.8	15.8	15.1
	1328	15.1	16.9	13.2	15.5	15.5	15.0	15.4	17.8	15.8	15.1
	1329	15.1	16.9	13.2	15.5	15.5	15.0	15.4	17.8	15.8	15.1
	1330	11.3	14.4	15.0	12.2	16.9	15.0	15.7	15.7	14.1	15.2
	1331	11.3	14.4	15.0	12.2	16.9	15.0	15.7	15.7	14.1	15.2
	1332	11.3	14.4	15.0	12.2	16.9	15.0	15.7	15.7	14.1	15.2
	1333	16.9	15.3	16.7	15.7	15.3	15.8	14.3	17.3	14.9	
	1334	16.9	15.3	16.7	15.7	15.3	15.8	14.3	17.3	14.9	

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
B0.2F	1335	16.9	15.3	16.7	15.7	15.3	15.8	14.3	17.3	14.9	
	1336	15.6	15.1	14.3	16.3	17.7	16.4	17.4	16.5	17.8	17.3
	1337	15.6	15.1	14.3	16.3						
	1338	15.6	15.1	14.3	16.3	17.7	16.4	17.4	16.5	17.8	17.3
	1339	13.3	17.3	16.2	17.7	14.8	15.8	15.7	20.0	14.6	15.0
	1340	13.3	17.3								
	1341										
	1342	16.2	16.0	17.1	16.2	17.7	16.7	19.6	15.6	17.2	17.5
	1343	16.2	16.0	17.1	16.2	17.7	16.7	19.6	15.6	17.2	17.5
	1344	16.2	16.0	17.1	16.2	17.7	16.7	19.6	15.6	17.2	17.5
	1345	16.5	14.9	15.2	15.8	13.2	14.7	14.8	15.2	15.3	15.3
	1346	16.5	14.9	15.2	15.8	13.2	14.7	14.8	15.2	15.3	15.3
	1347	16.5	14.9	15.2	15.8	13.2	14.7	14.8	15.2	15.3	15.3
	1348	13.7	16.1	12.3	13.3	13.9	4.6	13.7	13.9	12.8	12.8
	1349	13.7	16.1	12.3	13.3	13.9	4.6	13.7	13.9	12.8	12.8
	1350	13.7	16.1	12.3	13.3	13.9	4.6	13.7	13.9	12.8	12.8
	1351	16.9	17.8	16.1	17.5	15.1	17.5	16.4	16.3	15.6	14.9
	1352	16.9	17.8	16.1	17.5	15.1	17.5	16.4	16.3	15.6	14.9
	1353	16.9	17.8	16.1	17.5	15.1	17.5	16.4	16.3	15.6	14.9
	1354	12.6	11.0	13.2	13.9	14.7	9.9	16.6	15.5	15.6	
	1355	12.6	11.0								
	1356	12.6	11.0	13.2	13.9	14.7	9.9	16.6	15.5	15.6	
	1357	16.4	17.4	14.3	15.4	14.9	13.7	16.1	19.4	14.3	15.0
	1358	16.4	17.4	14.3	15.4	14.9					
	1359	16.4	17.4	14.3	15.4	14.9	13.7	16.1	19.4	14.3	15.0
	1360	17.3	16.6	16.9	16.2	16.7	14.9	16.2	16.8	17.2	18.0
	1361	17.3	16.6	16.9	16.2	16.7	14.9	16.2	16.8	17.2	18.0

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
B0.2F	1362	17.3	16.6	16.9	16.2	16.7	14.9	16.2	16.8	17.2	18.0
	1363	16.1	16.5	15.3	16.8	18.2	15.9	17.2	16.8	16.1	12.7
	1364	16.1	16.5	15.3	16.8	18.2	15.9	17.2	16.8	16.1	12.7
	1365	16.1	16.5	15.3	16.8	18.2	15.9	17.2	16.8	16.1	12.7
	1366	16.4	15.3	14.5	16.9	17.1	15.4	15.1	16.6	16.6	16.0
	1367	16.4	15.3	14.5	16.9	17.1	15.4	15.1	16.6	16.6	16.0
	1368	16.4	15.3	14.5	16.9	17.1	15.4	15.1	16.6	16.6	16.0
	1369	14.2	13.6	13.9	13.8	14.8	16.8	15.1	15.8	16.3	13.3
	1370	14.2	13.6	13.9	13.8	14.8	16.8	15.1	15.8	16.3	13.3
	1371	14.2	13.6	13.9	13.8	14.8	16.8	15.1	15.8	16.3	13.3
	1372	16.3	14.3	12.8	12.6	13.8	12.6	13.7	15.9	12.4	14.1
	1373	16.3	14.3	12.8	12.6	13.8	12.6	13.7	15.9	12.4	14.1
	1374	16.3	14.3	12.8	12.6	13.8	12.6	13.7	15.9	12.4	14.1
	1375	15.4	16.4			14.0	15.1	15.5	15.1	14.7	15.3
	1376	15.4	16.4			14.0	15.1	15.5	15.1	14.7	15.3
	1377	15.4	16.4			14.0	15.1	15.5	15.1	14.7	15.3
	1378	15.7	14.9	14.6	14.4	15.8	14.8	12.7	13.8	11.8	11.2
	1379	15.7	14.9	14.6	14.4	15.8	14.8	12.7	13.8	11.8	11.2
	1380	15.7	14.9	14.6	14.4	15.8	14.8	12.7	13.8	11.8	11.2
B2F	1421	13.9	14.0	13.7	15.2	14.1	13.6	14.2	16.2	14.3	13.1
	1422	13.9	14.0	13.7	15.2	14.1	13.6	14.2	16.2	14.3	13.1
	1423	13.9	14.0	13.7	15.2	14.1	13.6	14.2	16.2	14.3	13.1
	1424	12.1	12.7	13.1	14.0	14.4	14.6	14.4	14.0	13.7	14.8
	1425	12.1	12.7	13.1	14.0	14.4	14.6	14.4	14.0	13.7	14.8
	1426	12.1	12.7	13.1	14.0	14.4	14.6	14.4	14.0	13.7	14.8
	1427	10.0	9.4	14.0	15.0	15.7	15.2	15.8	16.6	15.5	15.2
	1428	10.0	9.4	14.0	15.0	15.7	15.2	15.8	16.6	15.5	15.2

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
B2F	1429	10.0	9.4								
	1430	13.4	13.3	14.6	15.2	15.6	15.7	15.9	15.4	14.6	14.4
	1431	13.4	13.3	14.6	15.2	15.6	15.7	15.9	15.4	14.6	14.4
	1432	13.4	13.3	14.6	15.2	15.6	15.7	15.9	15.4	14.6	14.4
	1433	13.7	13.3	13.7	14.9	13.8	14.7	15.8	15.7	14.6	13.6
	1434	13.7	13.3	13.7	14.9	13.8	14.7	15.8	15.7	14.6	13.6
	1435	13.7	13.3	13.7	14.9	13.8	14.7	15.8	15.7	14.6	13.6
	1436	17.5	17.7	17.1	16.7	17.1	17.6	17.8	18.6	15.9	18.4
	1437										
	1438	17.5	17.7	17.1	16.7	17.1	17.6	17.8	18.6	15.9	18.4
	1439	15.0	15.6	15.2	16.4	10.7	17.1	15.9	19.0	16.5	16.6
	1440	15.0	15.6	15.2	16.4	10.7	17.1	15.9	19.0	16.5	16.6
	1441										
	1442	20.3	24.0	17.3	17.3	18.0	17.0	17.4	15.9		
	1443	20.3	24.0	17.3	17.3	18.0	17.0	17.4	15.9		23.0
	1444	20.3	24.0	17.3	17.3	18.0	17.0	17.4	15.9		23.0
	1445	16.1	13.9	13.9	16.3	15.7	15.9	16.0	17.9	13.2	17.1
	1446	16.1	13.9	13.9	16.3	15.7	15.9	16.0	17.9	13.2	17.1
	1447	16.1	13.9	13.9	16.3	15.7	15.9	16.0	17.9	13.2	17.1
	1448	12.9	15.2	12.7	14.0	13.5	13.9	14.1	14.6	13.4	14.2
	1449	12.9	15.2	12.7	14.0	13.5	13.9	14.1	14.6	13.4	14.2
	1450	12.9	15.2	12.7	14.0	13.5	13.9	14.1	14.6	13.4	14.2
	1451	18.7	16.3	17.2	18.2	20.1	17.5	19.5	19.8	19.2	17.0
	1452	18.7	16.3	17.2	18.2	20.1	17.5	19.5	19.8	19.2	17.0
	1453	18.7	16.3	17.2	18.2	20.1	17.5	19.5	19.8	19.2	17.0
	1454	14.4	18.9	14.8	12.7	14.4	12.5	13.9	16.0	11.0	13.2
	1455	14.4	18.9	14.8	12.7	14.4	12.5	13.9	16.0	11.0	13.2

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
B2F	1456	14.4	18.9	14.8	12.7	14.4	12.5	13.9	16.0	11.0	13.2
	1457										
	1458	16.7	17.2	16.0	16.9	16.0	15.6	18.2	18.9	18.3	17.0
	1459	16.7	17.2	16.0	16.9	16.0	15.6	18.2	18.9	18.3	17.0
	1460										
	1461	19.8	20.5	16.2	17.2						
	1462	19.8	20.5	16.2	17.2		25.4	34.1	39.1	41.8	28.6
	1463	17.4	16.9	14.5	15.5	18.4	16.9	19.2	19.5	19.5	17.9
	1464	17.4	16.9	14.5	15.5	18.4	16.9	19.2	19.5	19.5	17.9
	1465	17.4	16.9	14.5	15.5	18.4	16.9	19.2	19.5	19.5	17.9
	1466	13.5	13.3	12.2	14.3	16.0	14.9	15.2	16.2		
	1467	13.5	13.3	12.2	14.3	16.0	14.9	15.2	16.2	13.5	16.0
	1468	13.5	13.3	12.2	14.3	16.0	14.9	15.2	16.2	13.5	16.0
	1469	14.8	14.8	13.0	14.4	15.3	15.1	16.5	16.8	16.2	17.3
	1470	14.8	14.8	13.0	14.4	15.3	15.1	16.5	16.8	16.2	17.3
	1471	14.8	14.8	13.0	14.4	15.3	15.1	16.5	16.8		
	1472	14.8	15.0	15.1	15.6	16.6	15.1	16.1	16.8	12.7	16.2
	1473	14.8	15.0	15.1	15.6	16.6	15.1	16.1	16.8	12.7	16.2
	1474	14.8	15.0	15.1	15.6	16.6	15.1	16.1	16.8	12.7	16.2
	1475	15.2	16.3	15.3	15.5	17.6	17.4	18.1	16.7	16.8	
	1476	15.2	16.3	15.3	15.5	17.6	17.4	18.1	16.7	16.8	
	1477	15.2	16.3	15.3	15.5	17.6	17.4	18.1	16.7	16.8	
	1478	17.0	16.4	13.5	16.3	17.2	15.0	16.9	17.8	20.2	20.5
	1479	17.0	16.4	13.5	16.3	17.2	15.0	16.9	17.8	20.2	20.5
	1480	17.0	16.4	13.5	16.3	17.2	15.0	16.9	17.8		

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
B5F	1521	12.5	12.0	12.5	12.2	12.3	11.9	12.6	13.0	11.1	13.3
	1522	12.5	12.0	12.5	12.2	12.3	11.9	12.6	13.0	11.1	13.3
	1523	12.5	12.0	12.5	12.2	12.3	11.9	12.6	13.0	11.1	13.3
	1524	10.9	11.4	12.2	12.6	11.8	12.4	10.5	12.6	11.0	11.9
	1525	10.9	11.4	12.2	12.6	11.8	12.4	10.5	12.6	11.0	11.9
	1526	10.9	11.4	12.2	12.6	11.8	12.4	10.5	12.6	11.0	11.9
	1527	14.6	14.3	14.4	15.1	15.8	14.5	15.5	16.1	14.5	16.3
	1528	14.6	14.3	14.4	15.1	15.8	14.5	15.5	16.1	14.5	16.3
	1529	14.6	14.3	14.4	15.1	15.8	14.5	15.5	16.1	14.5	16.3
	1530		14.0	12.4	13.3	15.1	12.6	14.2	13.3	13.1	14.4
	1531		14.0	12.4	13.3	15.1	12.6	14.2	13.3	13.1	14.4
	1532		14.0	12.4	13.3	15.1	12.6	14.2	13.3	13.1	14.4
	1533	16.2	18.4	19.7	18.7	13.7	11.5	10.6	13.5	12.9	13.2
	1534	16.2	18.4	19.7	18.7						
	1535	16.2	18.4	19.7	18.7	13.7	11.5	10.6	13.5	12.9	13.2
	1536	14.4	14.4	14.5	15.3	14.1	14.9	15.3	14.3	16.3	14.9
	1537	14.4	14.4	14.5	15.3	14.1	14.9	15.3	14.3	16.3	14.9
	1538	14.4	14.4	14.5	15.3	14.1	14.9				
	1539	12.0	11.8	12.7	12.2	13.2	11.9	12.4	12.8	12.8	12.7
	1540	12.0	11.8	12.7	12.2	13.2	11.9	12.4	12.8	12.8	12.7
	1541	12.0	11.8	12.7	12.2	13.2	11.9	12.4	12.8	12.8	12.7
	1542	12.1	12.3	13.7	12.6	11.6	12.4	12.5	13.5	12.4	13.7
	1543	12.1	12.3	13.7	12.6	11.6	12.4	12.5	13.5	12.4	13.7
	1544	12.1	12.3	13.7	12.6	11.6	12.4	12.5	13.5	12.4	13.7
	1545	11.4	11.2	12.4	11.7	13.0	13.8	14.0	13.4	14.1	13.3
	1546	11.4	11.2	12.4	11.7	13.0	13.8	14.0	13.4	14.1	13.3
	1547	11.4	11.2	12.4	11.7	13.0	13.8	14.0	13.4	14.1	13.3

[illegible]

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
B5F	1575	12.0	11.9	12.2	12.1	11.5	12.7	14.0	12.7	12.0	13.0
	1576	12.0	11.9	12.2	12.1	11.5	12.7	14.0	12.7	12.0	13.0
	1577	12.0	11.9	12.2	12.1	11.5	12.7	14.0	12.7	12.0	13.0
	1578	11.4	12.3	11.9	11.9	11.5	11.9	12.2	12.3	11.8	12.3
	1579	11.4	12.3	11.9	11.9	11.5	11.9	12.2	12.3	11.8	12.3
	1580	11.4	12.3	11.9	11.9	11.5	11.9	12.2	12.3	11.8	12.3
E0.2F	1621	18.5	18.3	17.0	16.7	18.0	19.0	17.9	20.1	18.6	18.9
	1622	18.5	18.3	17.0	16.7	18.0	19.0	17.9	20.1	18.6	18.9
	1623	18.5	18.3	17.0	16.7	18.0	19.0	17.9	20.1	18.6	18.9
	1624	16.2	16.6	16.9	16.5	15.6	16.7	13.9	15.8	17.4	15.9
	1625	16.2	16.6	16.9	16.5	15.6	16.7	13.9	15.8	17.4	15.9
	1626	16.2	16.6	16.9	16.5	15.6	16.7	13.9	15.8		
	1627	16.0	16.1	3.4	26.1	16.8	21.5	15.0	17.0	17.3	19.4
	1628	16.0	16.1	3.4	26.1	16.8	21.5	15.0	17.0	17.3	19.4
	1629	16.0	16.1	3.4	26.1	16.8	21.5	15.0	17.0	17.3	19.4
	1630	14.1	15.9	16.1	15.5	16.4	16.0	16.0	16.1	15.9	16.7
	1631	14.1	15.9	16.1	15.5	16.4	16.0	16.0	16.1	15.9	16.7
	1632	14.1	15.9	16.1	15.5	16.4	16.0	16.0	16.1	15.9	16.7
	1633	20.2	20.6	20.7	19.3	21.1	23.0	21.6	18.8		
	1634	20.2	20.6	20.7	19.3	21.1	23.0	21.6	18.8		32.7
	1635										
	1636	17.6	20.4	19.2		17.3	21.7	16.5	19.7	17.3	20.6
	1637	17.6	20.4	19.2		17.3	21.7	16.5	19.7	17.3	20.6
	1638	17.6	20.4	19.2		17.3	21.7	16.5	19.7	17.3	20.6
	1639	17.2	17.0	14.3	16.0	16.1	16.8	19.3	20.9	18.0	19.7
	1640	17.2	17.0	14.3	16.0	16.1	16.8	19.3	20.9	18.0	19.7
	1641	17.2	17.0	14.3	16.0	16.1	16.8	19.3	20.9	18.0	19.7

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E0.2F	1642	15.0	15.8	17.2	16.5	16.3	18.0	16.2	19.1	17.6	18.1
	1643	15.0	15.8	17.2	16.5	16.3	18.0	16.2	19.1	17.6	18.1
	1644	15.0	15.8	17.2	16.5	16.3	18.0	16.2	19.1	17.6	18.1
	1645	16.4	11.7	18.0	15.9	14.1	14.4	17.0	15.8	17.9	16.7
	1646	16.4	11.7	18.0	15.9	14.1	14.4	17.0	15.8	17.9	16.7
	1647	16.4	11.7	18.0							
	1648	16.7	15.9	17.5	14.0	15.8	14.8	16.3	16.6	15.8	18.2
	1649	16.7	15.9	17.5	14.0	15.8	14.8	16.3	16.6	15.8	18.2
	1650	16.7	15.9	17.5	14.0	15.8	14.8	16.3	16.6	15.8	18.2
	1651	16.6	15.5	15.8	14.6	16.6	16.8	15.5	16.8	15.5	
	1652	16.6	15.5	15.8	14.6	16.6	16.8	15.5	16.8	15.5	
	1653	16.6	15.5	15.8	14.6	16.6	16.8	15.5	16.8	15.5	
	1654	16.8	17.5	15.6	14.8	14.6	15.0	15.8	17.4	16.2	17.3
	1655	16.8	17.5	15.6	14.8	14.6	15.0	15.8	17.4	16.2	17.3
	1656	16.8	17.5	15.6	14.8	14.6	15.0	15.8	17.4	16.2	17.3
	1657	20.6	18.2	16.0	18.2	19.2	17.5	16.4	18.3	14.9	16.7
	1658	20.6	18.2	16.0	18.2	19.2	17.5	16.4	18.3	14.9	16.7
	1659	20.6	18.2	16.0	18.2	19.2	17.5	16.4	18.3	14.9	16.7
	1660	16.1	16.8	14.3	14.2	15.5	16.2	13.6	16.1	15.1	15.3
	1661	16.1	16.8	14.3	14.2	15.5	16.2	13.6	16.1	15.1	15.3
	1662	16.1	16.8	14.3	14.2	15.5	16.2	13.6	16.1	15.1	15.3
	1663	16.6	15.5	16.7	16.5	17.1	17.3	17.8	20.2	18.8	19.6
	1664	16.6	15.5	16.7	16.5	17.1	17.3	17.8	20.2	18.8	19.6
	1665	16.6	15.5	16.7	16.5	17.1	17.3	17.8	20.2	18.8	19.6
	1666	17.1	17.8	9.7	15.7	16.4	17.4	17.7	20.1	16.4	18.5
	1667	17.1	17.8	9.7	15.7	16.4	17.4	17.7	20.1	16.4	18.5
	1668	17.1	17.8	9.7	15.7	16.4	17.4	17.7	20.1	16.4	18.5

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E0.2F	1669	14.6	15.2	11.6	15.4	15.5	15.8	14.0	13.7	11.3	15.1
	1670	14.6	15.2	11.6	15.4	15.5	15.8	14.0	13.7	11.3	15.1
	1671	14.6	15.2	11.6	15.4	15.5	15.8	14.0	13.7	11.3	15.1
	1672	15.3	15.4	14.0	14.2	15.1	15.3	13.9	16.8	15.8	16.3
	1673	15.3	15.4	14.0	14.2	15.1	15.3	13.9	16.8	15.8	16.3
	1674	15.3	15.4	14.0	14.2	15.1	15.3	13.9	16.8	15.8	16.3
	1675	12.5	12.8	14.8	13.3	14.8	13.6	13.3	13.6	12.8	14.9
	1676	12.5	12.8	14.8	13.3	14.8	13.6	13.3	13.6	12.8	14.9
	1677	12.5	12.8	14.8	13.3	14.8	13.6	13.3	13.6	12.8	14.9
	1678	15.2	16.0	17.8	16.7	15.9	17.3	15.1	17.9	14.8	16.7
	1679	15.2	16.0	17.8	16.7	15.9	17.3	15.1	17.9	14.8	16.7
	1680	15.2	16.0	17.8	16.7	15.9	17.3	15.1	17.9	14.8	16.7
E2F	1721	14.5	15.3	14.7	15.4	16.2	15.6	14.1	16.4	15.5	15.8
	1722	14.5	15.3	14.7	15.4	16.2	15.6	14.1	16.4	15.5	15.8
	1723	14.5	15.3	14.7	15.4	16.2	15.6	14.1	16.4	15.5	15.8
	1724	17.6	16.0	17.1	16.6	24.0	22.9	21.9	19.9	14.1	16.7
	1725	17.6	16.0	17.1	16.6	24.0	22.9	21.9	19.9		
	1726	17.6	16.0	17.1	16.6	24.0	22.9	21.9	19.9	14.1	16.7
	1727	14.1	13.9	16.6	8.3	14.4	14.9	14.5	16.2	13.5	14.9
	1728	14.1	13.9	16.6	8.3						
	1729	14.1	13.9	16.6	8.3	14.4	14.9	14.5	16.2	13.5	14.9
	1730	16.8	18.9	19.3	16.5	17.5	18.9	17.1	19.2	12.9	18.3
	1731										
	1732	16.8	18.9	19.3	16.5	17.5	18.9	17.1	19.2	12.9	18.3
	1733	13.4	13.4	13.7	13.9	14.5	14.3	14.1	14.2	13.5	13.9
	1734	13.4	13.4	13.7	13.9	14.5	14.3	14.1	14.2	13.5	13.9
	1735	13.4	13.4	13.7	13.9	14.5	14.3	14.1	14.2	13.5	13.9

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E2F	1736		9.8	15.3	16.2	17.5	17.1	16.9	17.7	17.5	16.2
	1737		9.8	15.3	16.2	17.5	17.1	16.9	17.7	17.5	16.2
	1738		9.8	15.3	16.2	17.5	17.1	16.9	17.7	17.5	16.2
	1739	21.0	17.9	16.3	17.3	17.4	17.1	13.5	18.8	17.6	18.0
	1740	21.0	17.9	16.3	17.3	17.4	17.1	13.5	18.8	17.6	18.0
	1741	21.0	17.9	16.3	17.3	17.4	17.1	13.5	18.8	17.6	18.0
	1742										
	1743	15.6	14.5	15.4	15.0	16.5	15.7	16.4	18.1	15.2	17.7
	1744	15.6	14.5	15.4	15.0	16.5	15.7	16.4	18.1	15.2	17.7
	1745	15.4	16.0	16.0	14.9	15.4	14.9	14.1	15.2	14.7	14.7
	1746	15.4	16.0	16.0	14.9	15.4	14.9	14.1	15.2	14.7	14.7
	1747	15.4	16.0	16.0	14.9	15.4	14.9	14.1	15.2	14.7	14.7
	1748	19.0	20.5	18.5	19.5	21.6	20.3	16.6	17.6	18.2	17.0
	1749	19.0	20.5	18.5	19.5	21.6	20.3	16.6	17.6	18.2	17.0
	1750	19.0	20.5	18.5	19.5	21.6	20.3	16.6	17.6	18.2	17.0
	1751	14.4	14.5	13.2	13.6	13.6	14.2	15.4	14.9	15.3	15.6
	1752	14.4	14.5	13.2	13.6	13.6	14.2	15.4	14.9	15.3	15.6
	1753	14.4	14.5	13.2	13.6	13.6	14.2	15.4	14.9	15.3	15.6
	1754	16.3	14.8	16.4	15.1	17.3	15.1	15.7	16.4	16.7	15.2
	1755	16.3	14.8	16.4	15.1	17.3	15.1	15.7	16.4	16.7	15.2
	1756	16.3	14.8	16.4	15.1	17.3	15.1	15.7	16.4	16.7	15.2
	1757	13.8	14.3	13.8	13.9	13.5	14.7	17.0	17.4	16.2	17.7
	1758	13.8	14.3	13.8	13.9	13.5	14.7	17.0	17.4	16.2	17.7
	1759	13.8	14.3	13.8	13.9	13.5	14.7	17.0	17.4		
	1760	15.3	8.9	16.0	14.9	17.8	17.2	15.9	17.4	15.1	16.5
	1761	15.3	8.9	16.0	14.9	17.8	17.2	15.9	17.4	15.1	16.5
	1762	15.3	8.9	16.0	14.9	17.8	17.2	15.9	17.4	15.1	16.5

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E2F	1763	14.8	14.5	15.0	13.3	15.0	64.8	14.3	16.3	12.9	15.5
	1764	14.8	14.5	15.0	13.3	15.0	64.8	14.3	16.3	12.9	15.5
	1765	14.8	14.5	15.0	13.3	15.0	64.8	14.3	16.3	12.9	15.5
	1766	12.8	14.0	13.9	13.4	13.7	15.7	14.5	16.9	15.9	16.6
	1767	12.8	14.0	13.9	13.4	13.7	15.7	14.5	16.9	15.9	16.6
	1768	12.8	14.0	13.9	13.4	13.7	15.7	14.5	16.9	15.9	16.6
	1769	16.8	15.7	17.0	17.2	16.4	15.4	15.8	17.5	15.1	15.2
	1770	16.8	15.7	17.0	17.2	16.4	15.4	15.8	17.5	15.1	15.2
	1771	16.8	15.7	17.0	17.2	16.4	15.4	15.8	17.5	15.1	15.2
	1772	19.9	18.7	17.0	17.5	16.5	18.0	16.2	19.2	16.9	17.2
	1773	19.9	18.7	17.0	17.5	16.5	18.0	16.2	19.2	16.9	17.2
	1774	19.9	18.7	17.0	17.5	16.5	18.0	16.2	19.2	16.9	17.2
	1775	13.6	13.1	13.4	14.7	14.5	13.9	14.8	15.3	14.1	13.5
	1776	13.6	13.1	13.4	14.7	14.5	13.9	14.8	15.3	14.1	13.5
	1777	13.6	13.1	13.4	14.7	14.5	13.9	14.8	15.3	14.1	13.5
	1778	15.5	16.4	14.5	15.6	16.0	16.3	16.6	19.3	18.0	14.5
	1779										
	1780	15.5	16.4	14.5	15.6	16.0	16.3	16.6	19.3	18.0	14.5
E5F	1821	11.7	11.0	10.5	11.4	11.7	11.4	11.4	10.7	11.4	11.6
	1822	11.7	11.0	10.5	11.4	11.7	11.4	11.4	10.7	11.4	11.6
	1823	11.7	11.0	10.5	11.4	11.7	11.4	11.4	10.7	11.4	11.6
	1824	12.7	11.8	11.3	11.9	12.7	12.2	12.2	11.7	13.9	10.8
	1825	12.7	11.8	11.3	11.9	12.7	12.2	12.2	11.7	13.9	10.8
	1826	12.7	11.8	11.3	11.9	12.7	12.2	12.2	11.7	13.9	10.8
	1827	12.6	12.6	12.0	12.7	13.5	13.4	12.6	13.0	13.3	14.1
	1828	12.6	12.6	12.0	12.7	13.5	13.4	12.6	13.0	13.3	14.1
	1829	12.6	12.6	12.0	12.7	13.5	13.4	12.6	13.0	13.3	14.1

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E5F	1830	14.4	14.3	14.5	13.4	16.9	14.4	12.7	13.2	13.1	12.3
	1831	14.4	14.3	14.5	13.4	16.9	14.4	12.7	13.2	13.1	12.3
	1832	14.4	14.3	14.5	13.4	16.9	14.4	12.7	13.2	13.1	12.3
	1833	13.0	12.8	13.2	13.2	14.3	13.1	14.4	13.4	13.1	12.9
	1834	13.0	12.8	13.2	13.2	14.3	13.1	14.4	13.4	13.1	12.9
	1835	13.0	12.8	13.2	13.2	14.3	13.1	14.4	13.4	13.1	12.9
	1836	15.2	16.6	15.0	14.0	16.3	14.6	17.0	15.7	14.1	14.6
	1837	15.2	16.6	15.0	14.0	16.3	14.6	17.0	15.7	14.1	14.6
	1838	15.2	16.6	15.0	14.0	16.3	14.6	17.0	15.7	14.1	14.6
	1839	14.0	13.0	12.8	12.4	13.7	13.5	13.4	13.8	11.6	12.9
	1840	14.0	13.0	12.8	12.4	13.7	13.5	13.4	13.8	11.6	12.9
	1841	14.0	13.0	12.8	12.4	13.7	13.5	13.4	13.8	11.6	12.9
	1842	11.1	11.6	11.1	8.9	11.7	12.2	11.8	11.4	12.0	12.2
	1843	11.1	11.6	11.1	8.9	11.7	12.2	11.8	11.4	12.0	12.2
	1844	11.1	11.6	11.1	8.9	11.7	12.2	11.8	11.4	12.0	12.2
	1845	12.2	13.3	15.2	20.5	13.4	14.8	19.9	13.5	13.3	15.0
	1846	12.2	13.3	15.2	20.5	13.4	14.8	19.9	13.5	13.3	15.0
	1847	12.2	13.3	15.2	20.5	13.4	14.8	19.9	13.5	13.3	15.0
	1848	11.8	12.4	11.8	11.7	13.0	13.8	7.9	13.4	12.0	12.6
	1849	11.8	12.4	11.8	11.7	13.0	13.8	7.9	13.4	12.0	12.6
	1850	11.8	12.4	11.8	11.7	13.0	13.8	7.9	13.4	12.0	12.6
	1851	10.9	12.3	10.8	11.7	11.7	12.9	12.9	12.2	11.8	11.5
	1852	10.9	12.3	10.8	11.7	11.7	12.9	12.9	12.2	11.8	11.5
	1853	10.9	12.3	10.8	11.7	11.7	12.9	12.9	12.2	11.8	11.5
	1854	12.9	13.0	11.7	11.6	13.5	13.3	14.5	13.9	13.8	12.8
	1855	12.9	13.0	11.7	11.6	13.5	13.3	14.5	13.9	13.8	12.8
	1856	12.9	13.0	11.7	11.6	13.5	13.3	14.5	13.9	13.8	12.8

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day									
	ID	507	511	535	539	563	567	591	595	619	623
E5F	1857	12.7	13.6	12.4	11.8	13.6	10.0	13.3	11.5	13.5	13.2
	1858	12.7	13.6	12.4	11.8	13.6	10.0	13.3	11.5	13.5	13.2
	1859	12.7	13.6	12.4	11.8	13.6	10.0	13.3	11.5	13.5	13.2
	1860	12.1	12.0	11.5	11.5	12.6	12.6	13.3	13.4	13.1	13.2
	1861	12.1	12.0	11.5	11.5	12.6	12.6	13.3	13.4	13.1	13.2
	1862	12.1	12.0	11.5	11.5	12.6	12.6	13.3	13.4	13.1	13.2
	1863	12.2	11.9	12.0	12.9	13.1	12.3	10.9	12.1	12.5	13.0
	1864	12.2	11.9	12.0	12.9	13.1	12.3	10.9	12.1	12.5	13.0
	1865	12.2	11.9	12.0	12.9	13.1	12.3	10.9	12.1	12.5	13.0
	1866	15.8	13.2	11.9	13.2	15.1	13.8	14.0	13.8	14.0	13.4
	1867	15.8	13.2	11.9	13.2	15.1	13.8	14.0	13.8	14.0	13.4
	1868	15.8	13.2	11.9	13.2	15.1	13.8	14.0	13.8	14.0	13.4
	1869	14.3	14.3	14.3	13.5	16.3	15.1	15.2	14.1	14.2	15.5
	1870	14.3	14.3	14.3	13.5	16.3	15.1	15.2	14.1	14.2	15.5
	1871	14.3	14.3	14.3	13.5	16.3	15.1	15.2	14.1	14.2	15.5
	1872	20.2	19.1	22.5	21.0	18.2	21.0	21.2	22.5	21.9	21.4
	1873										
	1874										
	1875	12.5	12.4	12.3	11.9	13.9	13.4	2.5	9.2	14.8	14.3
	1876	12.5	12.4	12.3	11.9	13.9	13.4	2.5	9.2	14.8	14.3
	1877	12.5	12.4	12.3	11.9	13.9	13.4	2.5	9.2	14.8	14.3
	1878	13.4	13.4	12.4	13.6	14.4	13.6	13.1	13.9	13.4	13.4
	1879	13.4	13.4	12.4	13.6	14.4	13.6	13.1	13.9	13.4	13.4
	1880	13.4	13.4	12.4	13.6	14.4	13.6	13.1	13.9	13.4	13.4

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
CF	1121						
	1122						
	1123						
	1124						
	1125	16.3	16.4	16.7	16.9	16.4	16.4
	1126	16.3	16.4	16.7	16.9	16.4	16.4
	1127	17.6	17.2	20.1	17.7	18.1	19.6
	1128	17.6	17.2	20.1	17.7	18.1	19.6
	1129						
	1130	15.5	16.9	15.9	18.3	16.3	16.8
	1131	15.5	16.9	15.9	18.3	16.3	16.8
	1132	15.5	16.9	15.9	18.3	16.3	16.8
	1133	17.6	13.2	14.2	12.4	16.1	15.9
	1134	17.6	13.2	14.2	12.4	16.1	15.9
	1135	17.6	13.2	14.2	12.4	16.1	15.9
	1136						
	1137	13.9	13.2	15.1	15.3	15.6	12.6
	1138	13.9	13.2	15.1	15.3	15.6	12.6
	1139	20.9	17.5	17.7	16.8	17.8	18.3
	1140	20.9	17.5	17.7	16.8	17.8	18.3
	1141						
	1142	17.2	18.7	18.4	17.6	16.3	17.1
	1143	17.2	18.7	18.4	17.6	16.3	17.1
	1144	17.2	18.7	18.4	17.6	16.3	17.1
	1145		15.5	16.5	17.7	15.2	17.4
	1146		15.5	16.5	17.7	15.2	17.4
	1147		15.5	16.5	17.7	15.2	17.4

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
CF	1148	16.2	13.2	12.3	15.1	14.2	13.0
	1149	16.2	13.2	12.3	15.1	14.2	13.0
	1150	16.2	13.2	12.3	15.1	14.2	13.0
	1151	15.1	14.3	11.5	11.9	9.8	12.9
	1152	15.1	14.3	11.5	11.9	9.8	
	1153	15.1	14.3	11.5	11.9	9.8	12.9
	1154	16.8	16.7	16.2	17.8	16.9	16.7
	1155	16.8	16.7	16.2	17.8	16.9	16.7
	1156	16.8	16.7	16.2	17.8	16.9	16.7
	1157	13.0	16.1	14.0	15.2	13.7	12.7
	1158	13.0	16.1	14.0	15.2	13.7	12.7
	1159	13.0	16.1	14.0	15.2	13.7	12.7
	1160	22.0	20.5	15.3	15.6		
	1161	22.0	20.5	15.3	15.6	20.7	20.8
	1162	22.0	20.5	15.3	15.6	20.7	20.8
	1163	18.1	16.0	16.9	15.6	16.8	15.0
	1164	18.1	16.0	16.9	15.6	16.8	15.0
	1165	18.1	16.0	16.9	15.6	16.8	15.0
	1166	20.3	16.1	17.1	17.6	16.8	16.0
	1167	20.3	16.1	17.1	17.6	16.8	16.0
	1168						
	1169	20.1	19.1	16.7	18.4	18.5	17.8
	1170	20.1	19.1	16.7	18.4	18.5	17.8
	1171	20.1	19.1	16.7	18.4	18.5	17.8
	1172	15.2	16.2	16.3	17.2	11.5	11.2
	1173	15.2	16.2	16.3	17.2	11.5	11.2
	1174	15.2	16.2	16.3	17.2	11.5	11.2

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
CF	1175	18.0	17.3	17.4	16.7	18.4	16.1
	1176	18.0	17.3	17.4	16.7	18.4	16.1
	1177	18.0	17.3	17.4	16.7	18.4	16.1
	1178						
	1179	21.0	20.1	22.1	22.6	17.5	16.2
	1180						
CBF	1201	19.0	17.7	17.5	16.8	18.5	13.8
	1202	19.0	17.7	17.5	16.8	18.5	13.8
	1203						
	1204	14.4	15.7	14.8	13.7	15.4	16.3
	1205	14.4	15.7	14.8	13.7	15.4	16.3
	1206	14.4	15.7	14.8	13.7	15.4	16.3
	1207						
	1208						
	1209	22.0	18.1	16.6	18.9	22.4	19.3
	1210	24.0	20.3	22.7	22.2	19.6	23.1
	1211	24.0	20.3	22.7	22.2	19.6	23.1
	1212						
	1213	10.2	18.0	18.3	14.5		
	1214	10.2					
	1215	10.2	18.0	18.3	14.5	11.8	13.9
	1216						
	1217	15.7	12.3	17.8	16.9	18.1	20.4
	1218						
	1219	16.7	20.7	18.0	19.4	14.6	17.5
	1220	16.7	20.7	18.0	19.4	14.6	17.5
	1221	16.7	20.7	18.0	19.4	14.6	17.5

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day					
	ID	647	651	675	679	703	707
CBF	1222	22.2	21.0	24.5	19.6	19.9	21.1
	1223	22.2	21.0	24.5	19.6	19.9	21.1
	1224						
	1225	14.8	15.1	13.4	14.9	11.7	9.9
	1226	14.8	15.1	13.4	14.9	11.7	9.9
	1227	14.8	15.1	13.4	14.9	11.7	9.9
	1228	15.9	16.2	15.7	16.6	13.0	14.1
	1229	15.9	16.2	15.7	16.6	13.0	14.1
	1230	15.9	16.2	15.7	16.6	13.0	14.1
	1231	17.0	18.1	19.5	19.0	18.7	17.9
	1232	17.0	18.1	19.5	19.0	18.7	17.9
	1233	17.0	18.1	19.5	19.0	18.7	17.9
	1234	17.0	17.1	15.4	15.1	13.4	15.2
	1235	17.0	17.1	15.4	15.1		
	1236	17.0	17.1	15.4	15.1	13.4	15.2
	1237	16.5	18.4	15.8	16.6	16.4	15.9
	1238	16.5	18.4	15.8	16.6	16.4	15.9
	1239	16.5	18.4	15.8	16.6	16.4	15.9
	1240	18.1	22.5	24.4	19.1	20.6	20.3
	1241						
	1242	18.1	22.5	24.4	19.1	20.6	20.3
	1243	24.3	14.0				
	1244	24.3	14.0	20.4	21.8	22.2	17.1
	1245						
	1246	18.8	18.0	19.0	17.9	17.9	16.0
	1247	18.8	18.0	19.0	17.9	17.9	16.0
	1248	18.8	18.0	19.0	17.9	17.9	16.0

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
CBF	1249	13.8	15.2				
	1250	13.8	15.2	16.5	14.3	16.2	17.7
	1251	13.8	15.2	16.5	14.3	16.2	17.7
	1252	15.2	15.3	14.6	14.5	14.3	15.1
	1253	15.2	15.3	14.6	14.5	14.3	15.1
	1254	15.2	15.3	14.6	14.5	14.3	15.1
	1255	8.0	13.9	13.0	15.0	10.6	13.2
	1256	8.0	13.9	13.0	15.0	10.6	13.2
	1257	8.0					
	1258	16.2	15.4	14.9	16.8	14.0	15.0
	1259	16.2	15.4	14.9	16.8	14.0	15.0
	1260	16.2	15.4	14.9	16.8	14.0	15.0
B0.2F	1321	15.7	14.0	12.9	17.3	6.4	
	1322	15.7	14.0	12.9	17.3	6.4	12.7
	1323	15.7	14.0	12.9	17.3		
	1324	8.2	8.4				
	1325	8.2	8.4	14.5	13.6	10.3	6.8
	1326						
	1327	16.8	17.3	16.2	17.6	14.2	14.8
	1328	16.8	17.3	16.2	17.6	14.2	14.8
	1329	16.8	17.3	16.2	17.6	14.2	14.8
	1330	15.3	14.5	15.7	16.2	15.4	14.4
	1331	15.3	14.5	15.7	16.2	15.4	14.4
	1332	15.3	14.5	15.7	16.2	15.4	14.4
	1333	16.3	17.3	15.2	15.3	15.1	14.9
	1334	16.3	17.3	15.2	15.3	15.1	14.9
	1335	16.3	17.3	15.2	15.3	15.1	14.9

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
B0.2F	1336	19.3	18.3	18.0	18.1	18.0	18.6
	1337						
	1338	19.3	18.3	18.0	18.1	18.0	18.6
	1339	14.9	17.4	15.8	14.9	13.5	16.3
	1340						
	1341						
	1342	17.2	18.4	17.6	16.9	16.0	17.0
	1343	17.2	18.4	17.6	16.9	16.0	17.0
	1344	17.2	18.4	17.6	16.9	16.0	17.0
	1345	11.2	9.2				
	1346	11.2	9.2	17.0	16.2	14.5	15.7
	1347	11.2	9.2	17.0	16.2	14.5	15.7
	1348	15.0	14.5	13.2	13.5	13.8	13.5
	1349	15.0	14.5	13.2	13.5	13.8	13.5
	1350	15.0	14.5	13.2	13.5	13.8	13.5
	1351	17.4	17.1	14.7	17.5	18.6	18.7
	1352	17.4	17.1	14.7	17.5	18.6	18.7
	1353	17.4	17.1	14.7	17.5	18.6	18.7
	1354	14.8	19.1	13.7	13.8	13.1	15.2
	1355						
	1356	14.8	19.1	13.7	13.8	13.1	15.2
	1357	16.3	15.1	12.3	14.4	11.4	13.4
	1358						
	1359	16.3	15.1	12.3	14.4	11.4	13.4
	1360	17.2	19.7	18.7	20.0	17.7	20.3
	1361	17.2	19.7	18.7	20.0	17.7	20.3
	1362	17.2	19.7	18.7	20.0	17.7	20.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
B0.2F	1363	14.5	16.4	14.9	16.5	15.7	16.2
	1364	14.5	16.4	14.9	16.5	15.7	16.2
	1365	14.5	16.4	14.9	16.5	15.7	16.2
	1366	13.6	12.1	12.6	17.2		
	1367	13.6	12.1	12.6	17.2	15.2	14.5
	1368	13.6	12.1	12.6	17.2	15.2	14.5
	1369	16.1	15.3	13.4	14.8	18.2	15.0
	1370	16.1	15.3	13.4	14.8	18.2	15.0
	1371	16.1	15.3	13.4	14.8	18.2	15.0
	1372	17.0	17.6	15.3	14.3	18.2	14.7
	1373	17.0	17.6	15.3	14.3	18.2	14.7
	1374	17.0	17.6	15.3	14.3	18.2	14.7
	1375	16.3	16.4	15.9	15.8	11.2	16.2
	1376	16.3	16.4	15.9	15.8	11.2	16.2
	1377	16.3	16.4	15.9	15.8	11.2	16.2
	1378	14.3	14.1				
	1379	14.3	14.1	15.5	14.8	14.8	15.4
	1380	14.3	14.1	15.5	14.8	14.8	15.4
B2F	1421	13.1	14.7	13.3	13.5	11.2	13.9
	1422	13.1	14.7	13.3	13.5	11.2	13.9
	1423	13.1	14.7	13.3	13.5		
	1424	15.3	15.8	13.9	13.9	15.0	15.1
	1425	15.3	15.8	13.9	13.9	15.0	15.1
	1426	15.3	15.8	13.9	13.9	15.0	15.1
	1427	15.8	15.6	14.9	14.9	14.1	14.5
	1428	15.8	15.6	14.9	14.9	14.1	14.5
	1429						

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
B2F	1430	14.7	15.1	14.1	15.5	14.3	15.3
	1431	14.7	15.1	14.1	15.5	14.3	15.3
	1432	14.7	15.1	14.1	15.5	14.3	15.3
	1433						
	1434	13.2	14.7	13.9	12.8	15.1	14.8
	1435	13.2	14.7	13.9	12.8	15.1	14.8
	1436	16.7	16.5	18.8	20.3	18.6	18.6
	1437						
	1438	16.7	16.5	18.8	20.3	18.6	18.6
	1439	15.6	14.6	15.9	16.0		
	1440	15.6	14.6	15.9	16.0	15.0	13.1
	1441						
	1442						
	1443	12.6	16.4	16.4	19.6	18.3	16.4
	1444						
	1445	17.3	15.5	16.0	15.8	14.9	15.1
	1446	17.3	15.5	16.0	15.8	14.9	15.1
	1447	17.3	15.5	16.0	15.8	14.9	15.1
	1448	14.4	14.0	12.4	13.1	13.9	11.7
	1449	14.4	14.0	12.4	13.1	13.9	11.7
	1450	14.4	14.0	12.4	13.1	13.9	11.7
	1451	17.1	19.6	16.3	19.1	18.8	18.6
	1452	17.1	19.6	16.3	19.1	18.8	18.6
	1453	17.1	19.6	16.3	19.1	18.8	18.6
	1454	10.5	11.9	13.2	11.5	13.9	16.7
	1455	10.5	11.9	13.2	11.5	13.9	16.7
	1456	10.5	11.9	13.2	11.5		

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
B2F	1457						
	1458	17.8	19.1	18.1	18.4	18.6	20.3
	1459	17.8	19.1	18.1	18.4	18.6	20.3
	1460						
	1461						
	1462	26.1	23.9	23.3	24.4	22.6	21.4
	1463	18.6	17.7	17.9	18.2	16.4	16.6
	1464	18.6	17.7	17.9	18.2	16.4	16.6
	1465	18.6	17.7	17.9	18.2	16.4	16.6
	1466						
	1467	11.4	15.4				
	1468	11.4	15.4	18.8	19.5	20.8	18.0
	1469	18.0	17.4	17.3	16.8	20.6	16.4
	1470	18.0	17.4	17.3	16.8	20.6	16.4
	1471						
	1472	16.0	15.7	14.8	16.7	17.4	13.0
	1473	16.0	15.7	14.8	16.7	17.4	13.0
	1474	16.0	15.7	14.8	16.7	17.4	13.0
	1475	17.2	16.7	17.1	15.3	17.0	16.6
	1476	17.2	16.7	17.1	15.3	17.0	16.6
	1477	17.2	16.7	17.1	15.3	17.0	16.6
	1478	19.4	17.9	20.5	19.2	18.3	18.9
	1479	19.4	17.9	20.5	19.2	18.3	18.9
	1480						

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
B5F	1521	12.9	11.3	11.8	11.0	10.8	12.3
	1522	12.9	11.3	11.8	11.0	10.8	12.3
	1523	12.9	11.3	11.8	11.0	10.8	12.3
	1524	11.3	12.0	12.5	12.5	13.0	12.6
	1525	11.3	12.0	12.5	12.5	13.0	12.6
	1526	11.3	12.0	12.5	12.5	13.0	12.6
	1527	13.8	13.6	14.5	13.5	15.0	15.3
	1528	13.8	13.6	14.5	13.5	15.0	15.3
	1529	13.8	13.6	14.5	13.5	15.0	15.3
	1530	17.3	15.2	14.4	13.6	19.2	21.0
	1531	17.3	15.2	14.4	13.6		
	1532	17.3	15.2	14.4	13.6	19.2	21.0
	1533	12.0	12.5	12.5	12.8	12.7	13.7
	1534						
	1535	12.0	12.5	12.5	12.8	12.7	13.7
	1536	16.3	14.6	15.7	15.4	15.6	15.5
	1537	16.3	14.6	15.7	15.4	15.6	15.5
	1538						
	1539	12.7	10.8				
	1540	12.7	10.8	13.2	13.0	13.5	13.5
	1541	12.7	10.8	13.2	13.0	13.5	13.5
	1542	12.2	11.8	11.6	12.2	11.1	14.0
	1543	12.2	11.8	11.6	12.2	11.1	14.0
	1544	12.2	11.8	11.6	12.2	11.1	14.0
	1545	13.8	15.4	14.6	12.7	13.5	12.3
	1546	13.8	15.4	14.6	12.7	13.5	12.3
	1547	13.8	15.4	14.6	12.7	13.5	12.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
B5F	1548	14.8	14.9	17.2	18.9	20.3	19.4
	1549	14.8	14.9	17.2	18.9	20.3	19.4
	1550						
	1551	13.2	12.2	12.7	12.9	12.7	14.1
	1552						
	1553	13.2	12.2	12.7	12.9	12.7	14.1
	1554	12.1	12.3	10.6	11.9	11.1	11.6
	1555	12.1	12.3	10.6	11.9	11.1	11.6
	1556	12.1	12.3	10.6	11.9	11.1	11.6
	1557	16.7	15.2	15.4	17.1	15.9	14.2
	1558	16.7	15.2	15.4	17.1	15.9	14.2
	1559						
	1560						
	1561	12.0	13.2	15.6	13.3	12.2	13.2
	1562	12.0	13.2	15.6	13.3	12.2	13.2
	1563	12.3	12.8	13.0	13.0	13.6	14.4
	1564	12.3	12.8	13.0	13.0	13.6	14.4
	1565						
	1566	10.7	11.7	11.1	10.9	11.5	11.4
	1567	10.7	11.7	11.1	10.9	11.5	11.4
	1568	10.7	11.7	11.1	10.9	11.5	11.4
	1569	12.5	11.7	12.4	12.9	12.5	13.3
	1570	12.5	11.7	12.4	12.9	12.5	13.3
	1571	12.5	11.7	12.4	12.9	12.5	13.3
	1572	11.6	13.3	14.0	13.0	14.8	13.7
	1573	11.6	13.3	14.0	13.0	14.8	13.7
	1574						

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
B5F	1575	11.4	11.3				
	1576	11.4	11.3	11.6	13.1	14.2	14.2
	1577	11.4	11.3	11.6	13.1		
	1578	12.1	11.8	12.1	11.8	11.6	12.3
	1579	12.1	11.8	12.1	11.8	11.6	12.3
	1580	12.1	11.8	12.1	11.8	11.6	12.3
E0.2F	1621	19.6	21.6	17.8	18.8	17.6	16.8
	1622	19.6	21.6	17.8	18.8	17.6	16.8
	1623	19.6	21.6	17.8	18.8	17.6	16.8
	1624	17.6	17.9	20.3	18.8	17.2	16.2
	1625	17.6	17.9	20.3	18.8	17.2	16.2
	1626						
	1627	17.7	16.7	18.3	19.1	18.4	15.8
	1628						
	1629	17.7	16.7	18.3	19.1	18.4	15.8
	1630	16.8	16.4	16.5	16.5	14.1	17.1
	1631	16.8	16.4	16.5	16.5	14.1	17.1
	1632	16.8	16.4	16.5	16.5	14.1	17.1
	1633						
	1634	21.6	34.9	31.5			
	1635						
	1636	21.3	22.8	20.1	22.5	15.5	15.8
	1637	21.3	22.8	20.1	22.5	15.5	15.8
	1638	21.3	22.8	20.1	22.5	15.5	15.8
	1639	21.8	19.0	9.9	14.0		
	1640	21.8	19.0	9.9	14.0	14.2	16.0
	1641	21.8	19.0	9.9	14.0	14.2	16.0

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
E0.2F	1642	21.0	18.9	19.6	17.4	17.1	14.8
	1643	21.0	18.9	19.6	17.4	17.1	14.8
	1644	21.0	18.9	19.6	17.4	17.1	14.8
	1645	15.9	15.9	12.5	14.1	7.4	7.4
	1646	15.9	15.9	12.5	14.1	7.4	7.4
	1647						
	1648	15.0	16.4	16.2	15.5	15.7	17.2
	1649	15.0	16.4	16.2	15.5	15.7	17.2
	1650	15.0	16.4	16.2	15.5	15.7	17.2
	1651	16.4	15.6	14.9	14.1	16.6	14.5
	1652	16.4	15.6	14.9	14.1	16.6	14.5
	1653	16.4	15.6	14.9	14.1	16.6	14.5
	1654	16.7	15.2	14.1	13.6	15.7	13.4
	1655	16.7	15.2	14.1	13.6	15.7	13.4
	1656	16.7	15.2	14.1	13.6		
	1657	12.8	13.3	22.0	20.8	13.0	15.9
	1658	12.8	13.3				
	1659	12.8	13.3	22.0	20.8	13.0	15.9
	1660	11.5	13.6	11.9	13.3	12.0	
	1661	11.5	13.6	11.9	13.3	12.0	12.5
	1662	11.5	13.6	11.9	13.3	12.0	12.5
	1663	19.0	18.1	18.3		16.6	18.7
	1664	19.0	18.1	18.3		16.6	18.7
	1665	19.0	18.1	18.3		16.6	18.7
	1666	17.0	17.4	15.9	18.1	15.1	17.6
	1667	17.0	17.4	15.9	18.1	15.1	17.6
	1668	17.0	17.4	15.9	18.1	15.1	17.6

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
E0.2F	1669	14.1	13.2	12.0	13.7	13.3	14.4
	1670	14.1	13.2	12.0	13.7	13.3	14.4
	1671	14.1	13.2	12.0	13.7	13.3	14.4
	1672	15.6	16.1				
	1673	15.6	16.1	13.8	13.9	9.9	7.9
	1674	15.6	16.1	13.8	13.9	9.9	7.9
	1675	14.8	14.0	14.4	13.5		
	1676	14.8	14.0	14.4	13.5	16.4	15.6
	1677	14.8	14.0	14.4	13.5	16.4	15.6
	1678	15.1	16.3	16.4	15.5	15.8	17.0
	1679	15.1	16.3	16.4	15.5	15.8	17.0
	1680	15.1	16.3	16.4	15.5	15.8	17.0
E2F	1721	15.2	15.4	15.2	14.6	14.1	16.3
	1722	15.2	15.4	15.2	14.6	14.1	16.3
	1723	15.2	15.4	15.2	14.6	14.1	16.3
	1724	19.6	18.1	16.0	17.5	13.9	16.2
	1725						
	1726	19.6	18.1	16.0	17.5	13.9	16.2
	1727	13.3	13.9	16.9	15.7	19.5	21.4
	1728						
	1729	13.3	13.9				
	1730	19.7	14.4	17.7	15.7	12.8	14.7
	1731						
	1732	19.7	14.4	17.7	15.7	12.8	14.7
	1733	13.1	12.0	12.1	13.6	13.0	14.3
	1734	13.1	12.0	12.1	13.6	13.0	14.3
	1735	13.1	12.0	12.1	13.6	13.0	14.3

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
E2F	1736		18.2	16.5	14.4	17.4	16.4
	1737		18.2	16.5	14.4	17.4	
	1738		18.2	16.5	14.4	17.4	16.4
	1739	18.6	16.3	18.3	17.8	16.3	17.9
	1740	18.6	16.3	18.3	17.8	16.3	17.9
	1741	18.6	16.3	18.3	17.8	16.3	17.9
	1742						
	1743	16.2	16.4	16.8	16.1	12.9	12.2
	1744	16.2	16.4	16.8	16.1	12.9	12.2
	1745	17.2	14.3	14.1	15.2	14.6	15.7
	1746	17.2	14.3	14.1	15.2	14.6	15.7
	1747	17.2	14.3	14.1	15.2	14.6	15.7
	1748	20.4	17.9	17.0	18.2	15.5	17.8
	1749	20.4	17.9	17.0	18.2	15.5	17.8
	1750	20.4	17.9	17.0	18.2	15.5	17.8
	1751	15.8	15.6	15.7	14.4	15.8	15.4
	1752	15.8	15.6	15.7	14.4	15.8	15.4
	1753	15.8	15.6	15.7	14.4	15.8	15.4
	1754	14.3	14.4	16.0	14.8	15.6	13.2
	1755	14.3	14.4	16.0	14.8	15.6	13.2
	1756	14.3	14.4	16.0	14.8	15.6	13.2
	1757	14.7	17.8	15.6	18.1	15.8	16.6
	1758	14.7	17.8	15.6	18.1	15.8	16.6
	1759						
	1760	16.4	17.0	16.2	16.3	15.5	16.7
	1761	16.4	17.0	16.2	16.3	15.5	16.7
	1762	16.4	17.0	16.2	16.3	15.5	16.7

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal	Day					
	ID	647	651	675	679	703	707
E2F	1763	15.4	14.8	14.6	15.5	13.8	14.8
	1764	15.4	14.8	14.6	15.5	13.8	14.8
	1765	15.4	14.8	14.6	15.5	13.8	14.8
	1766	13.0	14.3	16.0	13.9	14.2	14.5
	1767	13.0	14.3	16.0	13.9	14.2	14.5
	1768	13.0	14.3	16.0	13.9	14.2	14.5
	1769	18.1	18.0	17.3	15.7	16.6	14.5
	1770	18.1	18.0	17.3	15.7	16.6	14.5
	1771	18.1	18.0	17.3	15.7	16.6	14.5
	1772						
	1773	19.0	18.8	18.1	17.8	14.3	17.0
	1774	19.0	18.8	18.1	17.8	14.3	17.0
	1775	16.1	14.1	13.7	13.8	15.3	13.6
	1776	16.1	14.1	13.7	13.8	15.3	13.6
	1777	16.1	14.1	13.7	13.8	15.3	13.6
	1778	12.8	15.8	12.9	12.0		
	1779						
	1780	12.8	15.8	12.9	12.0	13.5	13.9
E5F	1821	12.2	11.2	12.5	11.5	12.2	12.2
	1822	12.2	11.2	12.5	11.5	12.2	12.2
	1823	12.2	11.2	12.5	11.5	12.2	12.2
	1824	12.2	12.2	14.0	12.9	11.8	13.4
	1825	12.2	12.2	14.0	12.9	11.8	13.4
	1826	12.2	12.2	14.0	12.9	11.8	13.4
	1827	11.2	12.7	13.4	13.3	13.5	13.1
	1828	11.2	12.7	13.4	13.3	13.5	13.1
	1829	11.2	12.7	13.4	13.3	13.5	13.1

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
E5F	1830	14.2	12.5	12.7	9.9		
	1831	14.2	12.5	12.7	9.9	12.9	11.6
	1832	14.2	12.5	12.7	9.9	12.9	11.6
	1833	12.7	12.8	14.1	17.5	16.0	13.0
	1834	12.7	12.8	14.1	17.5	16.0	13.0
	1835	12.7	12.8	14.1	17.5	16.0	13.0
	1836	15.1	14.3	14.4	15.3	15.2	15.1
	1837	15.1	14.3	14.4	15.3	15.2	15.1
	1838	15.1	14.3	14.4	15.3	15.2	15.1
	1839	13.6	12.2	13.7	12.6	12.0	14.9
	1840	13.6	12.2	13.7	12.6	12.0	14.9
	1841	13.6	12.2	13.7	12.6	12.0	14.9
	1842	11.4	11.7	11.3	12.4	10.3	11.2
	1843	11.4	11.7	11.3	12.4	10.3	11.2
	1844	11.4	11.7	11.3	12.4	10.3	11.2
	1845	12.8	12.6	13.7	13.8	13.8	13.4
	1846	12.8	12.6	13.7	13.8	13.8	13.4
	1847	12.8	12.6	13.7	13.8	13.8	13.4
	1848	12.1	11.8	12.5	12.1	13.3	13.5
	1849	12.1	11.8	12.5	12.1	13.3	13.5
	1850	12.1	11.8	12.5	12.1	13.3	13.5
	1851	10.6	11.3	13.7	13.0	12.5	13.4
	1852	10.6	11.3				
	1853	10.6	11.3	13.7	13.0	12.5	13.4
	1854	4.0	12.8	13.1	12.0	11.9	12.2
	1855	4.0	12.8	13.1	12.0	11.9	12.2
	1856	4.0	12.8	13.1	12.0	11.9	12.2

Table F-8. Individual Animal Feed Consumed (g) per Day – Females (Continued)

Group	Animal ID	Day					
		647	651	675	679	703	707
E5F	1857	13.8	12.5	12.5	13.1	13.5	12.8
	1858	13.8	12.5				
	1859	13.8	12.5	12.5	13.1	13.5	12.8
	1860	13.2	9.1				
	1861	13.2	9.1	13.9	11.1	15.7	16.7
	1862	13.2	9.1	13.9	11.1		
	1863	11.8	11.7	13.6	12.5	12.5	12.9
	1864	11.8	11.7	13.6	12.5	12.5	12.9
	1865	11.8	11.7	13.6	12.5	12.5	12.9
	1866	13.4	12.3	11.6	12.0	11.6	13.0
	1867	13.4	12.3	11.6	12.0	11.6	13.0
	1868	13.4	12.3	11.6	12.0	11.6	13.0
	1869	13.2	13.4	14.6		13.0	14.0
	1870	13.2	13.4	14.6			
	1871	13.2	13.4	14.6		13.0	14.0
	1872	21.8	20.5	20.3	19.5	20.5	15.4
	1873						
	1874						
	1875	14.2	12.7	15.3	14.7	13.7	15.3
	1876	14.2	12.7	15.3	14.7	13.7	15.3
	1877	14.2	12.7	15.3	14.7	13.7	15.3
	1878	15.7	13.0	12.8	14.1		
	1879	15.7	13.0	12.8	14.1	13.5	13.7
	1880	15.7	13.0	12.8	14.1	13.5	13.7


APPENDIX G: BIOANALYTICAL REPORT

Battelle*The Business of Innovation***2-YEAR CHRONIC TOXICITY/CARCINOGENICITY STUDY OF TOBACCO
BLEND AND AQUEOUS TOBACCO EXTRACT IN WISTAR HAN RATS****BIOANALYTICAL SAMPLE ANALYSIS REPORT****DETERMINATION OF NICOTINE AND COTININE IN RAT PLASMA BY LIQUID
CHROMATOGRAPHY WITH MASS SPECTROMETRY (LC-MS)**


Battelle Study No. CN49730G

August 30, 2011

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EXECUTIVE SUMMARY

Rat plasma samples were received frozen from the Battelle Toxicology Group for the "2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats" study for analysis of nicotine and cotinine plasma concentration levels.

(b) (4)



All samples received were successfully analyzed.

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1.0 INTRODUCTION

This report contains a description of the analysis of the rat plasma samples from this study, the results of these analyses, and figures.

This work was performed at Battelle, 505 King Avenue, Columbus, OH 43201.

2.0 ANALYTICAL STANDARDS

Nicotine, Lot No. 028K4056 with a purity of 99.5 percent, was obtained from Sigma-Aldrich. It was used to prepare calibration standards and QC samples for the analyses. This standard was stored at room temperature with a retest date of January 2011.

Nicotine, Lot No. 089K4011 with a purity of 99.5 percent, was obtained from Sigma-Aldrich. It was used to prepare calibration standards and QC samples for the analyses. This standard was stored at room temperature with a retest date of June 2012.

Nicotine-d₃ salicylate, Lot No. 048K4040 with a purity of 99.5 percent, was obtained from Sigma-Aldrich. It was used as an internal standard (IS) for nicotine for the analyses. Two separate aliquots of this lot were received and stored at room temperature with expiration dates of September, 2013 and May 28, 2015, respectively.

Cotinine, Lot No. 048K4031 with a purity of 99 percent, was obtained from Sigma-Aldrich. It was used to prepare calibration standards and QC samples for the analyses. This standard was stored refrigerated with a retest date of March 2010.

Cotinine, Lot No. 109K4051 with a purity of 99 percent, was obtained from Sigma-Aldrich. It was used to prepare calibration standards and QC samples for the analyses. This standard was stored refrigerated with a retest date of September 2012.

Cotinine-d₃, Lot No. IS1107 with a minimum purity of 99 percent, was obtained from Sigma-Aldrich. It was used as an IS for cotinine for the analyses. Two separate aliquots of this lot were received and stored at room temperature with expiration dates of June, 2013 and June 1, 2015, respectively.

These standards were used to perform all work covered in this report.

3.0 MATRIX/ANTICOAGULANT

Wistar Han rat plasma with tripotassium ethylene diamine tetraacetic acid (K₃ EDTA), received from Bioreclamation, Inc. was used as the matrix for this study.

4.0 PLASMA SAMPLE ANALYSIS

4.1 Sample Receipt

Rat plasma samples were received frozen from Battelle Toxicology Group for the “2-Year Chronic Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats” study for analysis of nicotine and cotinine plasma concentration levels. A total of 70 samples were received frozen on each of the following dates: April 13, 2009, June 3, 2009, October 1, 2009, February 3, 2010, June 4, 2010, and February 3, 2011 in good condition and stored within the Chemistry Technical Center at approximately -70°C until analysis. A total of 71 samples were received frozen on September 29, 2010 in good condition and stored within the Chemistry Technical Center at approximately -70°C until analysis.

4.2 Analytical Method

(b) (4)



4.3 Results

A summary of each sample analysis, including any discrepancies, is shown in Table 1.

Table 1. Summary of Sample Analyses

Analysis Date	Analysis Set	Discrepancies and Acceptance Criteria	Data Reported?
4/15/09	Week 5 (Male)	All acceptance criteria met	Yes
4/16/09	Week 5 (Female)	All acceptance criteria met	Yes
6/10/09	Week 14	All acceptance criteria met	Yes
10/6/09	Week 31	All acceptance criteria met	Yes
2/4/10	Week 49	All acceptance criteria met	Yes
6/19/10	Week 66	All acceptance criteria met	Yes
10/8/10	Week 83	Plasma blanks fail acceptance criteria for nicotine. All other acceptance criteria met; data used with Study Director acknowledgement.	Yes
2/4/11	Week 101	All acceptance criteria met	Yes
2/14/11	Week 101 Repeats	All acceptance criteria met	Yes

The calibration standards used to generate the calibration curves from all reported runs met acceptance criteria [r , the correlation coefficient, greater than or equal to 0.99; average relative error (RE) within 15 percent of nominal for all standards except the lowest standard, which should have an average RE within 20 percent] for both nicotine and cotinine. The results of the calibration standards are presented in Table 2 for nicotine and Table 3 for cotinine.

Table 2. Nicotine Calibration Standard Results

Calibration Standard ID	Analysis Date	Analysis Set	Nominal Concentration (ng/mL)	Average Determined Concentration (ng/mL)	Average RE
CS 1	4/15/09	Week 5 (Male)	198	203	2.7
	4/16/09	Week 5 (Female)	198	200	1.3
	6/10/09	Week 14	198	203	2.6
	10/6/09	Week 31	198	193	-2.2
	2/4/10	Week 49	198	194	-1.8
	6/19/10	Week 66	202	202	0.3
	10/8/10	Week 83	202	201	-0.2
	2/4/11	Week 101	202	202	0.2
	2/14/11	Week 101 Repeats	202	204	1.0
CS 2	4/15/09	Week 5 (Male)	162	153	-5.2
	4/16/09	Week 5 (Female)	162	159	-1.8
	6/10/09	Week 14	162	156	-3.7
	10/6/09	Week 31	162	167	3.4
	2/4/10	Week 49	162	166	2.6
	6/19/10	Week 66	162	161	-0.8
	10/8/10	Week 83	162	162	-0.2
	2/4/11	Week 101	162	161	-0.7
	2/14/11	Week 101 Repeats	162	159	-1.7
CS 3	4/15/09	Week 5 (Male)	98.9	101	2.3
	4/16/09	Week 5 (Female)	98.9	97.3	-1.7
	6/10/09	Week 14	98.9	97.6	-1.3
	10/6/09	Week 31	98.9	98.8	-0.1
	2/4/10	Week 49	98.9	99.3	0.4
	6/19/10	Week 66	101	101	0.6
	10/8/10	Week 83	101	102	1.3
	2/4/11	Week 101	101	102	0.7
	2/14/11	Week 101 Repeats	101	101	-0.1
CS 4	4/15/09	Week 5 (Male)	50.5	50.7	0.4
	4/16/09	Week 5 (Female)	50.5	52.4	3.7
	6/10/09	Week 14	50.5	51.4	1.7
	10/6/09	Week 31	50.5	49.8	-1.4
	2/4/10	Week 49	50.5	49.9	-1.1
	6/19/10	Week 66	50.6	51.0	0.9
	10/8/10	Week 83	50.6	50.1	-1.0
	2/4/11	Week 101	50.6	50.8	0.5
	2/14/11	Week 101 Repeats	50.6	51.5	1.8

Table 2. Nicotine Calibration Standard Results (Continued)

Calibration Standard ID	Analysis Date	Analysis Set	Nominal Concentration (ng/mL)	Average Determined Concentration (ng/mL)	Average RE
CS 5	4/15/09	Week 5 (Male)	9.89	10.5	6.6
	4/16/09	Week 5 (Female)	9.89	9.81	-0.8
	6/10/09	Week 14	9.89	10.6	6.9
	10/6/09	Week 31	9.89	9.60	-2.9
	2/4/10	Week 49	9.89	9.47	-4.3
	6/19/10	Week 66	10.1	10.0	-0.8
	10/8/10	Week 83	10.1	9.98	-1.0
	2/4/11	Week 101	10.1	9.53	-5.5
	2/14/11	Week 101 Repeats	10.1	10.0	-0.7
CS 6	4/15/09	Week 5 (Male)	5.05	4.82	-4.6
	4/16/09	Week 5 (Female)	5.05	5.08	0.5
	6/10/09	Week 14	5.05	4.98	-1.5
	10/6/09	Week 31	5.05	4.95	-2.1
	2/4/10	Week 49	5.05	4.97	-1.5
	6/19/10	Week 66	5.06	4.71	-7.0
	10/8/10	Week 83	5.06	4.87	-3.7
	2/4/11	Week 101	5.06	5.32	5.0
	2/14/11	Week 101 Repeats	5.06	5.04	-0.4
CS 7	4/15/09	Week 5 (Male)	1.98	1.89	-4.3
	4/16/09	Week 5 (Female)	1.98	2.17	9.7
	6/10/09	Week 14	1.98	1.76	-10.9
	10/6/09	Week 31	1.98	1.96	-0.8
	2/4/10	Week 49	1.98	1.94	-2.0
	6/19/10	Week 66	2.02	1.98	-1.7
	10/8/10	Week 83	2.02	2.08	3.1
	2/4/11	Week 101	2.02	1.94	-4.0
	2/14/11	Week 101 Repeats	2.02	2.02	0.2
CS 8	4/15/09	Week 5 (Male)	1.01	1.03	1.9
	4/16/09	Week 5 (Female)	1.01	0.900	-11.0
	6/10/09	Week 14	1.01	1.10	9.2
	10/6/09	Week 31	1.01	1.07	6.1
	2/4/10	Week 49	1.01	1.09	7.8
	6/19/10	Week 66	1.01	1.10	8.5
	10/8/10	Week 83	1.01	1.03	1.7
	2/4/11	Week 101	1.01	1.05	3.6
	2/14/11	Week 101 Repeats	1.01	1.01	0.0

Table 3. Cotinine Calibration Standard Results

Calibration Standard ID	Analysis Date	Analysis Set	Nominal Concentration (ng/mL)	Average Determined Concentration (ng/mL)	Average RE
CS 1	4/15/09	Week 5 (Male)	2007	2017	0.5
	4/16/09	Week 5 (Female)	2007	2018	0.5
	6/10/09	Week 14	2007	1999	-0.4
	10/6/09	Week 31	2007	1983	-1.2
	2/4/10	Week 49	2007	1985	-1.1
	6/19/10	Week 66	1999	2054	2.7
	10/8/10	Week 83	1999	2012	0.6
	2/4/11	Week 101	1999	2073	3.7
	2/14/11	Week 101 Repeats	1999	2020	1.1
CS 2	4/15/09	Week 5 (Male)	1595	1580	-1.0
	4/16/09	Week 5 (Female)	1595	1578	-1.1
	6/10/09	Week 14	1595	1603	0.5
	10/6/09	Week 31	1595	1632	2.3
	2/4/10	Week 49	1595	1625	1.8
	6/19/10	Week 66	1630	1547	-5.1
	10/8/10	Week 83	1630	1605	-1.6
	2/4/11	Week 101	1630	1533	-6.0
	2/14/11	Week 101 Repeats	1630	1597	-2.1
CS 3	4/15/09	Week 5 (Male)	1004	1005	0.1
	4/16/09	Week 5 (Female)	1004	1010	0.6
	6/10/09	Week 14	1004	1012	0.8
	10/6/09	Week 31	1004	991	-1.3
	2/4/10	Week 49	1004	1003	-0.1
	6/19/10	Week 66	999	1027	2.8
	10/8/10	Week 83	999	1020	2.1
	2/4/11	Week 101	999	1015	1.6
	2/14/11	Week 101 Repeats	999	1016	1.6
CS 4	4/15/09	Week 5 (Male)	499	506	1.5
	4/16/09	Week 5 (Female)	499	500	0.3
	6/10/09	Week 14	499	495	-0.8
	10/6/09	Week 31	499	503	0.8
	2/4/10	Week 49	499	499	0.0
	6/19/10	Week 66	510	510	0.0
	10/8/10	Week 83	510	502	-1.5
	2/4/11	Week 101	510	520	2.1
	2/14/11	Week 101 Repeats	510	503	-1.3

Table 3. Cotinine Calibration Standard Results (Continued)

Calibration Standard ID	Analysis Date	Analysis Set	Nominal Concentration (ng/mL)	Average Determined Concentration (ng/mL)	Average RE
CS 5	4/15/09	Week 5 (Male)	100	97.7	-2.6
	4/16/09	Week 5 (Female)	100	101	1.0
	6/10/09	Week 14	100	102	1.4
	10/6/09	Week 31	100	96.5	-3.9
	2/4/10	Week 49	100	96.1	-4.3
	6/19/10	Week 66	99.9	104	4.1
	10/8/10	Week 83	99.9	101	0.9
	2/4/11	Week 101	99.9	101	0.6
	2/14/11	Week 101 Repeats	99.9	104	4.1
CS 6	4/15/09	Week 5 (Male)	49.9	49.6	-0.5
	4/16/09	Week 5 (Female)	49.9	48.5	-2.8
	6/10/09	Week 14	49.9	49.6	-0.5
	10/6/09	Week 31	49.9	49.7	-0.3
	2/4/10	Week 49	49.9	49.6	-0.4
	6/19/10	Week 66	51.0	48.3	-5.3
	10/8/10	Week 83	51.0	49.6	-2.6
	2/4/11	Week 101	51.0	49.6	-2.6
	2/14/11	Week 101 Repeats	51.0	50.3	-1.3
CS 7	4/15/09	Week 5 (Male)	20.1	20.2	0.8
	4/16/09	Week 5 (Female)	20.1	20.4	1.5
	6/10/09	Week 14	20.1	19.8	-1.6
	10/6/09	Week 31	20.1	19.6	-2.3
	2/4/10	Week 49	20.1	19.8	-1.5
	6/19/10	Week 66	20.0	20.2	1.0
	10/8/10	Week 83	20.0	20.5	2.5
	2/4/11	Week 101	20.0	20.7	3.7
	2/14/11	Week 101 Repeats	20.0	20.3	1.3
CS 8	4/15/09	Week 5 (Male)	9.97	10.1	1.3
	4/16/09	Week 5 (Female)	9.97	9.97	0.0
	6/10/09	Week 14	9.97	10.1	1.4
	10/6/09	Week 31	9.97	10.5	5.7
	2/4/10	Week 49	9.97	10.5	5.8
	6/19/10	Week 66	10.2	10.2	-0.2
	10/8/10	Week 83	10.2	10.2	-0.3
	2/4/11	Week 101	10.2	9.89	-3.0
	2/14/11	Week 101 Repeats	10.2	9.85	-3.4

The blanks met acceptance criteria (average response no greater than 50 or 30 percent of the average response of the lowest acceptable standard) in all runs for both nicotine and cotinine, respectively, with the exception of the October 8, 2010 run, in which the blanks failed acceptance criteria for nicotine. It was believed that the higher background in the blanks was related to the lot of blank plasma used for this analysis set and not related to the study samples, as all control study samples in this analysis set were BLOQ. The results from this run were reviewed and accepted with the acknowledgement of the Study Director.

The QC samples met all acceptance criteria [average determined concentration within 15 percent of the nominal concentration and relative standard deviation (RSD) less than or equal to 15 percent] in all runs for both nicotine and cotinine. The results of the QC samples are presented in Table 4 for nicotine and Table 5 for cotinine.

Table 4. Nicotine QC Sample Results

QC Level	Analysis Date	Analysis Set	Nominal Concentration (ng/mL)	Average Determined Concentration (ng/mL)	Average RE	RSD
High	4/15/09	Week 5 (Male)	148	148	-0.5	4.7
	4/16/09	Week 5 (Female)	148	143	-3.8	1.1
	6/10/09	Week 14	148	151	1.7	4.1
	10/6/09	Week 31	148	155	4.8	5.4
	2/4/10	Week 49	148	156	5.4	3.1
	6/19/10	Week 66	151	148	-2.4	2.0
	10/8/10	Week 83	151	149	-1.3	0.9
	2/4/11	Week 101	151	148	-2.0	2.3
	2/14/11	Week 101 Repeats	151	153	1.1	0.9
Mid	4/15/09	Week 5 (Male)	29.7	30.5	3.0	2.8
	4/16/09	Week 5 (Female)	29.7	29.6	-0.2	4.5
	6/10/09	Week 14	29.7	29.2	-1.7	2.4
	10/6/09	Week 31	29.7	29.9	0.8	4.9
	2/4/10	Week 49	29.7	30.7	3.3	4.1
	6/19/10	Week 66	30.2	29.5	-2.5	2.5
	10/8/10	Week 83	30.2	29.8	-1.5	1.1
	2/4/11	Week 101	30.2	31.1	2.8	1.8
	2/14/11	Week 101 Repeats	30.2	31.7	4.7	1.0
Low	4/15/09	Week 5 (Male)	2.97	3.34	12.7	9.2
	4/16/09	Week 5 (Female)	2.97	2.69	-9.4	14.8
	6/10/09	Week 14	2.97	2.99	0.7	7.9
	10/6/09	Week 31	2.97	2.82	-5.0	2.8
	2/4/10	Week 49	2.97	2.99	0.8	4.5
	6/19/10	Week 66	3.02	2.92	-3.5	3.1
	10/8/10	Week 83	3.02	3.06	1.1	3.7
	2/4/11	Week 101	3.02	3.05	0.8	3.0
	2/14/11	Week 101 Repeats	3.02	3.13	3.4	2.2

Table 5. Cotinine QC Sample Results

QC Level	Analysis Date	Analysis Set	Nominal Concentration (ng/mL)	Average Determined Concentration (ng/mL)	Average RE	RSD
High	4/15/09	Week 5 (Male)	1505	1475	-2.1	2.0
	4/16/09	Week 5 (Female)	1505	1514	0.6	3.6
	6/10/09	Week 14	1505	1536	2.0	2.3
	10/6/09	Week 31	1505	1525	1.3	1.0
	2/4/10	Week 49	1505	1576	4.7	3.1
	6/19/10	Week 66	1499	1538	2.6	9.6
	10/8/10	Week 83	1499	1503	0.3	0.7
	2/4/11	Week 101	1499	1487	-0.8	3.6
	2/14/11	Week 101 Repeats	1499	1545	3.0	2.0
Mid	4/15/09	Week 5 (Male)	301	304	0.8	3.3
	4/16/09	Week 5 (Female)	301	303	0.5	2.6
	6/10/09	Week 14	301	297	-1.4	3.0
	10/6/09	Week 31	301	294	-2.3	1.9
	2/4/10	Week 49	301	303	0.6	2.8
	6/19/10	Week 66	300	312	4.2	4.8
	10/8/10	Week 83	300	301	0.4	1.6
	2/4/11	Week 101	300	312	4.2	2.7
	2/14/11	Week 101 Repeats	300	309	2.9	1.4
Low	4/15/09	Week 5 (Male)	30.1	30.7	2.1	3.2
	4/16/09	Week 5 (Female)	30.1	29.1	-3.5	1.0
	6/10/09	Week 14	30.1	29.4	-2.5	3.6
	10/6/09	Week 31	30.1	29.6	-1.6	4.2
	2/4/10	Week 49	30.1	30.7	1.8	1.8
	6/19/10	Week 66	30.0	30.5	1.8	3.1
	10/8/10	Week 83	30.0	29.8	-0.5	1.7
	2/4/11	Week 101	30.0	30.4	1.3	1.7
	2/14/11	Week 101 Repeats	30.0	30.6	2.0	3.2

Representative overlaid full and reduced scale chromatograms of high and low concentration plasma standards, a plasma blank with IS, and a plasma blank are shown in Figures 1 and 2 for nicotine and in Figures 3 and 4 for cotinine. A representative overlay of full scale chromatograms of high and low plasma concentration calibration standards, a plasma blank with IS, and a plasma blank is shown in Figure 5 for nicotine-d₃ salicylate (the IS for nicotine) and in Figure 6 for cotinine-d₃ (the IS for cotinine). Example analysis set chromatograms of sample subjects along with calibration standards, blanks, and QC samples from the Week 83 analysis are provided in Appendix B.

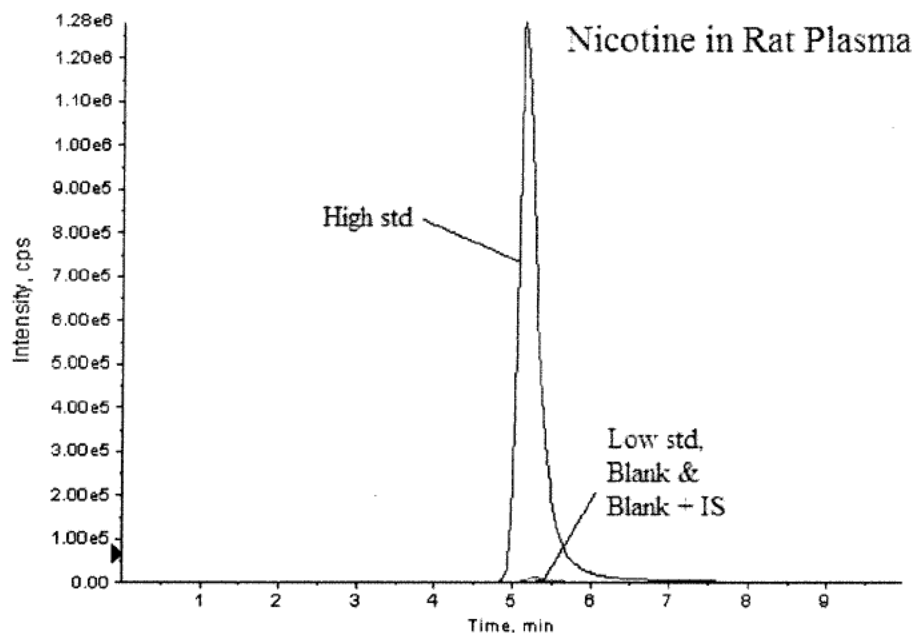


Figure 1. Representative Overlaid Nicotine Chromatograms of High and Low Plasma Standards, a Plasma Blank with IS, and a Plasma Blank – Full Scale

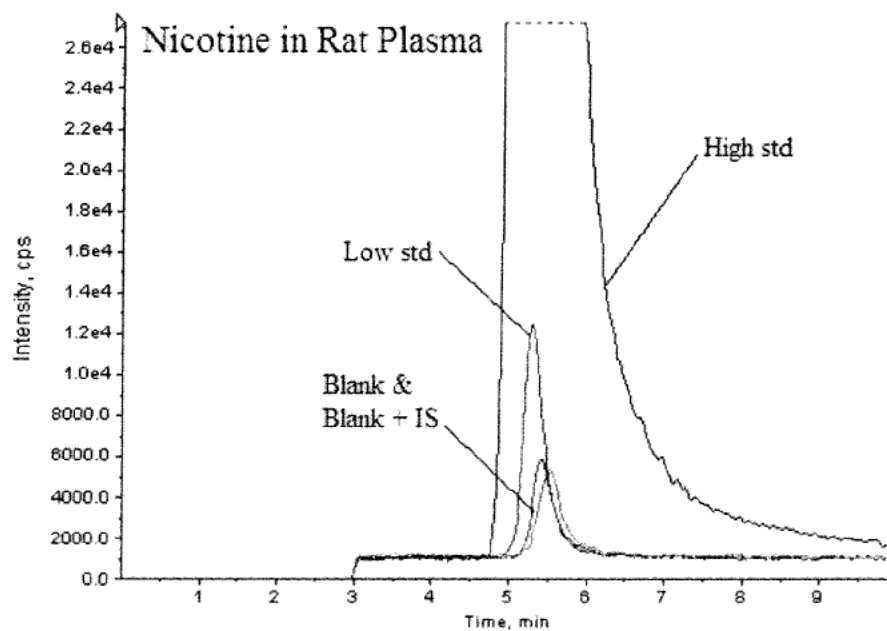


Figure 2. Representative Overlaid Nicotine Chromatograms of High and Low Plasma Standards, a Plasma Blank with IS, and a Plasma Blank – Reduced Scale

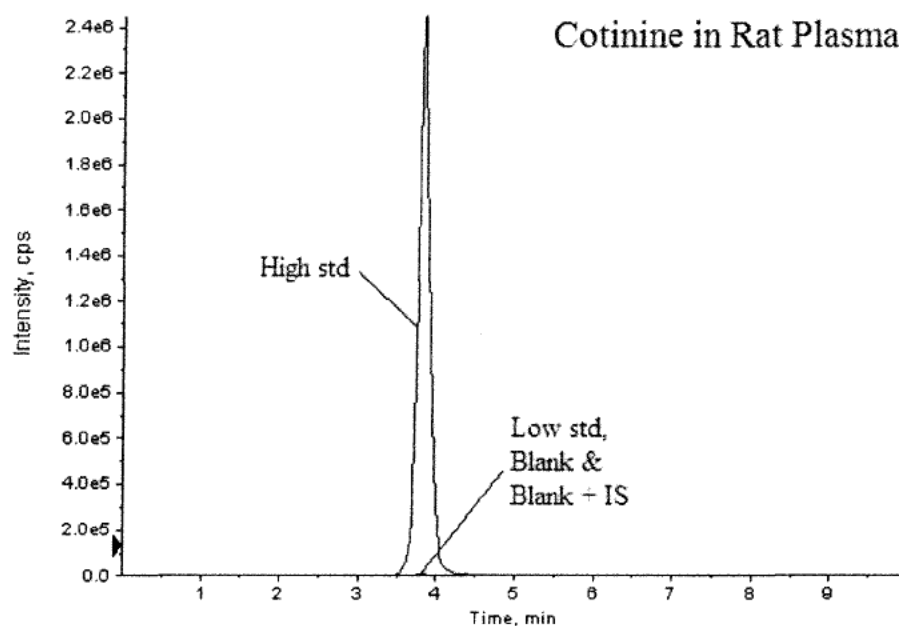


Figure 3. Representative Overlaid Cotinine Chromatograms of High and Low Plasma Standards, a Plasma Blank with IS, and a Plasma Blank – Full Scale

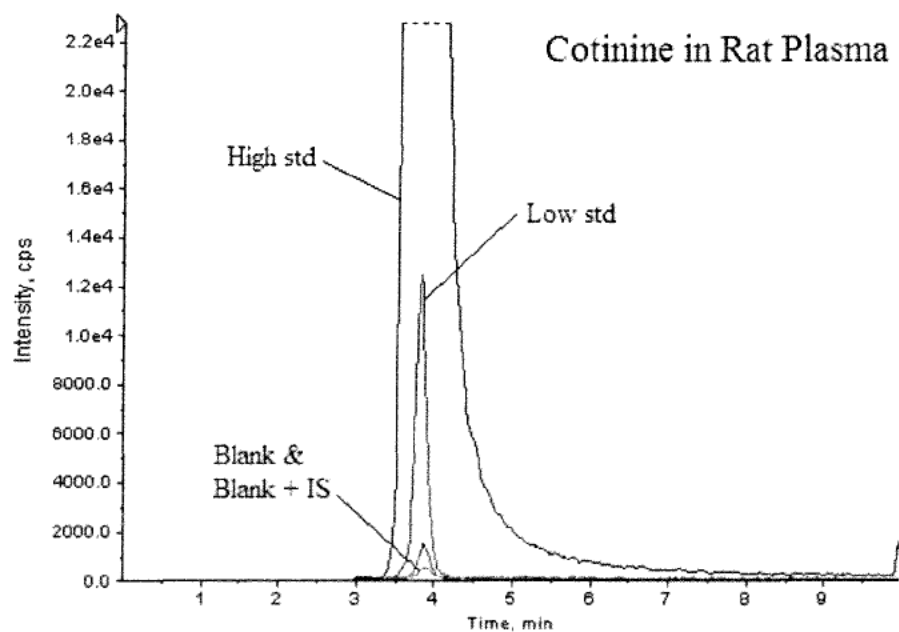


Figure 4. Representative Overlaid Cotinine Chromatograms of High and Low Plasma Standards, a Plasma Blank with IS, and a Plasma Blank – Reduced Scale

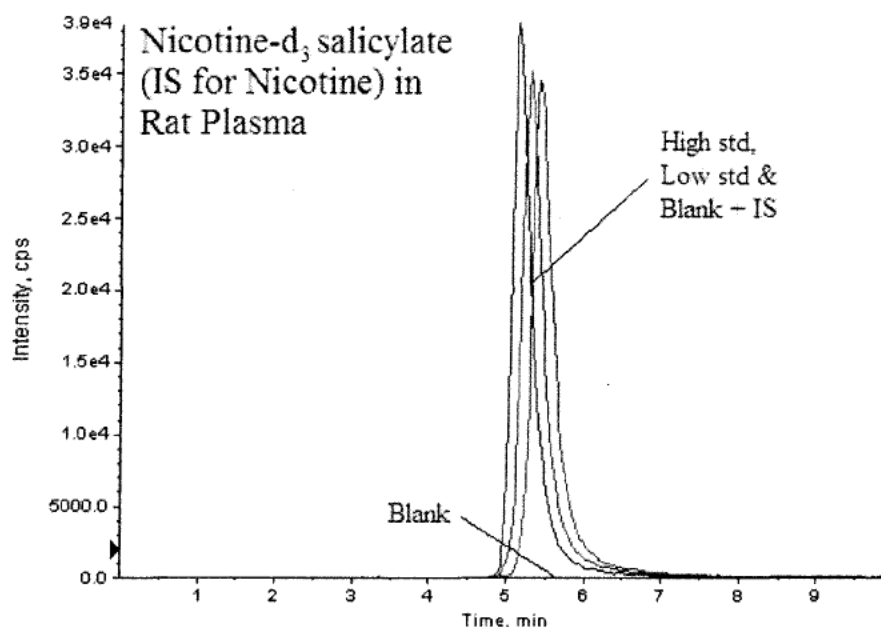


Figure 5. Representative Overlaid Nicotine-d₃ Salicylate (Nicotine IS) Chromatograms of High and Low Plasma Standards, a Plasma Blank with IS, and a Plasma Blank – Full Scale

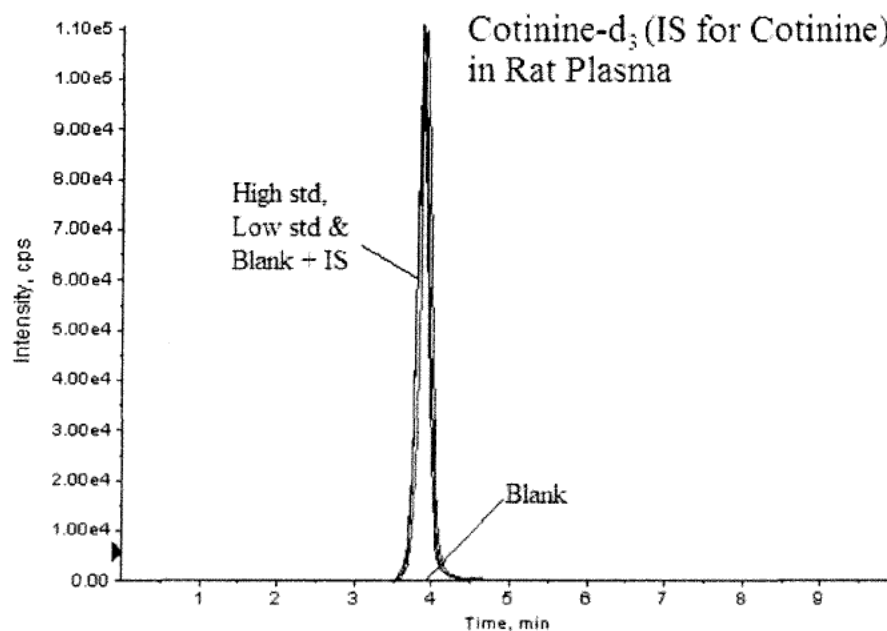


Figure 6. Representative Overlaid Cotinine-d₃ (Cotinine IS) Chromatograms of High and Low Plasma Standards, a Plasma Blank with IS, and a Plasma Blank – Full Scale

The results from the analyses for nicotine and cotinine are shown in Tables 6 through 19. Any samples with calculated concentrations below the limit of quantitation are listed as BLOQ. Any samples with no detected concentration are listed as ND.

Table 6. Week 5 Male Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration(ng/mL)
1001	CM	0	ND	BLOQ
1002			ND	BLOQ
1003			ND	BLOQ
1004			ND	BLOQ
1005			ND	BLOQ
1031	B0.2M	0.2	4.11	29.1
1032			2.85	31.8
1033			2.44	22.8
1034			1.53	34.1
1035			1.97	19.9
1041	B2M	2	34.2	331
1042			36.3	313
1043			33.3	306
1044			29.2	242
1045			29.9	328
1051	B5M	5	121	930
1052			83.9	681
1053			97.2	842
1054			96.2	824
1055			122	799
1061	E0.2M	0.2	2.34	27.3
1062			2.49	29.5
1063			3.03	33.3
1064			BLOQ	20.7
1065			2.55	30.3
1071	E2M	2	49.3	298
1072			35.9	282
1073			32.9	288
1074			21.7	231
1075			25.9	344
1081	E5M	5	107	710
1082			91.9	702
1083			77.8	640
1084			81.2	593
1085			64.0	557

Table 7. Week 5 Female Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
2001	CF	0	BLOQ	BLOQ
2002			BLOQ	BLOQ
2003			BLOQ	BLOQ
2004			BLOQ	BLOQ
2005			BLOQ	BLOQ
2031	B0.2F	0.2	4.20	32.0
2032			1.70	24.6
2033			BLOQ	36.2
2034			3.39	44.3
2035			4.02	41.8
2041	B2F	2	65.3	459
2042			59.5	494
2043			64.5	416
2044			54.2	354
2045			57.4	496
2051	B5F	5	147	1010
2052			95.2	729
2053			97.0	930
2054			114	796
2055			103	946
2061	E0.2F	0.2	2.54	34.0
2062			2.72	37.2
2063			2.22	35.8
2064			2.72	32.9
2065			2.56	48.0
2071	E2F	2	57.5	359
2072			22.9	296
2073			38.9	308
2074			12.2	221
2075			37.3	339
2081	E5F	5	171	887
2082			130	945
2083			41.6	512
2084			109	815
2085			66.8	715

Table 8. Week 14 Male Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
1001	CM	0	BLOQ	BLOQ
1002			BLOQ	BLOQ
1003			BLOQ	BLOQ
1004			BLOQ	BLOQ
1005			BLOQ	BLOQ
1031	B0.2M	0.2	5.59	33.8
1032			2.90	34.1
1033			2.71	32.7
1034			1.68	24.5
1035			2.28	27.3
1041	B2M	2	37.2	391
1042			36.3	417
1043			46.8	411
1044			27.6	312
1045			34.1	388
1051	B5M	5	118	1420
1052			95.0	871
1053			123	1050
1054			102	1010
1055			137	1310
1061	E0.2M	0.2	1.47	33.4
1062			2.46	36.7
1063			2.18	27.3
1064			2.87	27.6
1065			2.71	49.6
1071	E2M	2	30.7	364
1072			31.8	386
1073			37.2	455
1074			20.9	298
1075			35.2	361
1081	E5M	5	99.8	960
1082			126	1030
1083			89.8	1040
1084			95.5	891
1085			76.8	666

Table 9. Week 14 Female Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
2001 ^a	CF	0	BLOQ	BLOQ
2002			BLOQ	BLOQ
2003 ^a			BLOQ	BLOQ
2004			BLOQ	BLOQ
2005 ^a			BLOQ	BLOQ
2031	B0.2F	0.2	6.13	41.3
2032 ^a			BLOQ	37.2
2033			3.11	53.1
2034			2.33	48.5
2035			1.31	42.7
2041	B2F	2	57.7	584
2042			35.6	423
2043			44.6	391
2044			61.8	404
2045			48.3	540
2051	B5F	5	124	1430
2052			82.5	1090
2053			49.9	1220
2054			113	1050
2055			89.3	1460
2061	E0.2F	0.2	3.71	50.9
2062			3.23	39.3
2063			3.49	43.9
2064			2.38	33.4
2065			1.31	36.0
2071	E2F	2	31.3	301
2072			46.1	412
2073			32.6	334
2074			9.67	229
2075			41.7	385
2081	E5F	5	101	883
2082			89.0	1170
2083			3.75	590
2084			133	1200
2085			97.6	1080

a. BLOQ for one or both analytes with less than 100 µL of sample available.

Table 10. Week 31 Male Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
1001	CM	0	BLOQ	BLOQ
1002			BLOQ	BLOQ
1003			BLOQ	BLOQ
1004			BLOQ	BLOQ
1005			BLOQ	BLOQ
1031	B0.2M	0.2	7.65	51.1
1032			2.15	31.2
1033			3.80	35.2
1034			2.42	34.1
1035			2.97	26.7
1041	B2M	2	37.5	387
1042			35.7	370
1043			35.7	355
1044			31.4	298
1045			41.8	369
1051	B5M	5	86.3	1200
1052			97.3	803
1053			74.2	928
1054			102	924
1055			119	909
1061	E0.2M	0.2	2.30	34.2
1062			2.76	36.7
1063			2.97	37.4
1064			2.13	29.8
1065			2.48	38.0
1071	E2M	2	34.9	297
1072			26.2	296
1073			39.5	354
1074			17.2	260
1075			32.3	316
1081	E5M	5	76.7	719
1082			128	844
1083			109	892
1084			119	677
1085			118	639

Table 11. Week 31 Female Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
2001	CF	0	BLOQ	BLOQ
2002			BLOQ	BLOQ
2003			BLOQ	BLOQ
2004			BLOQ	BLOQ
2005			BLOQ	BLOQ
2031	B0.2F	0.2	4.75	38.5
2032			4.55	39.5
2033			4.24	42.4
2034			4.30	46.8
2035			BLOQ	28.9
2041	B2F	2	58.9	514
2042			17.2	359
2043			22.7	296
2044			10.3	261
2045			32.4	413
2051	B5F	5	38.9	1210
2052			61.1	1320
2053			66.0	1350
2054			115	1080
2055			57.2	1080
2061	E0.2F	0.2	4.55	54.0
2062			2.73	37.2
2063			3.51	37.5
2064			1.50	47.5
2065			2.46	46.9
2071	E2F	2	35.9	310
2072			42.8	536
2073			54.0	378
2074			49.9	395
2075			38.7	356
2081	E5F	5	96.1	885
2082			30.4	928
2083			77.8	908
2084			73.6	1290
2085			50.3	1030

Table 12. Week 49 Male Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
1001	CM	0	BLOQ	BLOQ
1002			BLOQ	BLOQ
1003			BLOQ	BLOQ
1004			BLOQ	BLOQ
1005			BLOQ	BLOQ
1036	B0.2M	0.2	2.48	31.4
1032			2.47	30.7
1033			2.70	35.1
1034			2.11	37.9
1035			2.34	33.3
1041	B2M	2	27.1	411
1042			24.4	369
1043			28.9	378
1044			29.9	332
1045			30.2	343
1051	B5M	5	82.7	1130
1052			76.3	709
1053			75.2	1100
1054 ^a			100	1050
1055			52.8	474
1061	E0.2M	0.2	2.85	35.2
1062			2.22	37.4
1063			2.60	31.6
1064 ^a			1.99	32.2
1065			NA ^b	NA ^b
1071	E2M	2	23.6	291
1072			20.2	303
1073			39.3	354
1074			16.3	266
1075			18.7	335
1086	E5M	5	92.2	814
1082			98.7	899
1083			78.4	846
1084			83.4	858
1085			100	737

a. Samples 1054 and 1064 appear to have been switched for analysis. They have been correctly switched back with study director review and approval.

b. No sample received in vial.

Table 13. Week 49 Female Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
2001	CF	0	BLOQ	BLOQ
2002			BLOQ	BLOQ
2003			BLOQ	BLOQ
2006			BLOQ	BLOQ
2005			BLOQ	BLOQ
2031	B0.2F	0.2	2.16	29.7
2032			4.03	34.3
2033			BLOQ	24.8
2034			BLOQ	34.3
2035			3.84	40.4
2041	B2F	2	31.1	300
2042			38.0	631
2043			27.8	336
2046			34.6	450
2045			34.5	452
2051	B5F	5	67.7	1140
2052			104	1140
2053			151	1260
2054			84.8	842
2055			94.3	1100
2061	E0.2F	0.2	1.94	36.5
2062			3.37	38.9
2063			2.15	32.7
2064			2.52	36.2
2065			4.85	52.8
2071	E2F	2	43.2	334
2072			26.8	337
2073			53.1	431
2074			68.9	509
2075			15.7	281
2081	E5F	5	114	940
2082			154	1050
2083			93.6	836
2084			113	1230
2085			113	1080

Table 14. Week 66 Male Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
1001	CM	0	BLOQ	BLOQ
1002			BLOQ	BLOQ
1003			BLOQ	BLOQ
1004			BLOQ	BLOQ
1005			BLOQ	BLOQ
1036	B0.2M	0.2	2.03	32.1
1032			2.05	32.1
1033			2.68	38.1
1034			1.76	29.5
1035			1.36	26.5
1041	B2M	2	27.6	358
1042			36.0	367
1043			27.1	422
1044			29.6	357
1045			25.9	354
1051	B5M	5	95.0	1150
1052			84.1	797
1053			69.1	973
1054			81.0	894
1055			96.9	711
1061	E0.2M	0.2	2.10	33.6
1062			2.40	39.9
1063			2.43	36.5
1064			1.69	31.8
1065			1.71	39.0
1071	E2M	2	26.8	313
1072			23.3	345
1073			37.1	338
1074			14.7	258
1075			19.6	292
1081	E5M	5	84.6	820
1082			92.6	671
1083			86.6	921
1084			84.0	729
1086			65.8	657

Table 15. Week 66 Female Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
2001	CF	0	BLOQ	BLOQ
2002			BLOQ	BLOQ
2003			BLOQ	BLOQ
2006			BLOQ	BLOQ
2005			BLOQ	BLOQ
2031	B0.2F	0.2	5.86	40.7
2032			1.93	24.6
2033			3.86	36.8
2034			3.16	44.0
2035			4.51	32.2
2041	B2F	2	53.6	357
2042			40.3	410
2043			48.7	337
2046			69.7	530
2045			58.8	612
2051	B5F	5	64.8	562
2052			34.0	343
2053			65.0	701
2054			39.4	402
2055			48.7	462
2061	E0.2F	0.2	3.50	44.9
2062			4.85	43.0
2063			2.05	33.4
2064			3.82	41.7
2065			3.83	48.8
2071	E2F	2	69.0	397
2076			50.3	422
2073			45.8	403
2074			35.4	343
2075			39.6	321
2081	E5F	5	104	810
2082			95.1	687
2083			88.9	705
2084			138	1400
2085			115	1230

Table 16. Week 83 Male Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
1001	CM	0	BLOQ	BLOQ
1002			BLOQ	BLOQ
1003			BLOQ	BLOQ
1004			BLOQ	BLOQ
1005			BLOQ	BLOQ
1036	B0.2M	0.2	4.05	36.1
1032			2.31	31.5
1033			1.88	31.8
1034			2.12	31.0
1037			2.53	31.2
1038	B2M	2	1.67	33.6
1041			35.1	380
1042			34.3	379
1043			15.9	366
1044			29.4	355
1045	B5M	5	37.0	373
1051			93.0	1140
1052			79.6	729
1053			82.8	855
1054			88.3	964
1055	E0.2M	0.2	113	1000
1061			2.12	30.3
1062			3.02	41.0
1063			3.60	43.9
1064			2.75	35.0
1065	E2M	2	4.14	51.7
1071			37.2	355
1072			24.3	351
1073			41.5	364
1074			16.8	280
1075	E5M	5	26.5	330
1081			101	935
1082			101	730
1083			78.1	820
1084			86.0	796
1085			98.8	732

Table 17. Week 83 Female Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
2001	CF	0	BLOQ	BLOQ
2002			BLOQ	BLOQ
2003			BLOQ	BLOQ
2005			BLOQ	BLOQ
2006			BLOQ	BLOQ
2031	B0.2F	0.2	5.59	34.6
2032			3.78	26.4
2033			3.99	38.9
2035			3.11	33.9
2036			6.10	53.8
2042	B2F	2	23.4	307
2043			34.3	300
2046			37.8	460
2047			38.1	501
2048			37.5	447
2051	B5F	5	15.0	987
2053			100	1280
2054			70.1	888
2055			94.4	1320
2056			123	1300
2062	E0.2F	0.2	3.65	38.7
2063			4.65	41.7
2064			4.34	43.3
2065			4.27	44.0
2066			3.93	35.8
2071	E2F	2	45.5	308
2073			41.2	396
2074			24.5	277
2075			22.2	334
2076			39.4	404
2081	E5F	5	113	830
2082			5.63	747
2083			35.4	648
2084			96.6	1360
2085			103	1220

Table 18. Week 101 Male Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
1001	CM	0	BLOQ	BLOQ
1002			BLOQ	BLOQ
1003			BLOQ	BLOQ
1006			BLOQ	BLOQ
1008			BLOQ	BLOQ
1036	B0.2M	0.2	4.32	39.0
1032			2.33	29.2
1033			5.03	48.7
1034 ^a			2.16 (2.22, 2.03, 2.22)	35.9 (35.7, 36.0, 36.0)
1037			2.60	33.3
1041	B2M	2	31.2	397
1042			49.7	397
1043			23.2	402
1044 ^a			29.9 (31.0, 29.5, 29.3)	449 (452, 443, 452)
1045			39.7	384
1051	B5M	5	88.3	981
1052			82.7	693
1053			74.8	854
1054			78.7	896
1055			105	794
1061	E0.2M	0.2	2.43	29.7
1062			3.59	44.9
1063			3.03	38.5
1064			2.81	34.2
1065			4.24	49.8
1071	E2M	2	22.3	296
1072			22.5	288
1073			34.3	343
1074			16.2	235
1075			31.2	374
1081	E5M	5	85.3	930
1082			97.2	609
1083			84.0	735
1084			65.4	614
1085			75.6	665

a. Samples appear to have been switched. They were re-analyzed in duplicate to confirm. The average of the three results will be reported with the individual results in parentheses.

Table 19. Week 101 Female Results

Animal ID	Dose Group	Dose Level (mg/kg)	Nicotine Concentration (ng/mL)	Cotinine Concentration (ng/mL)
2001	CF	0	BLOQ	BLOQ
2002			BLOQ	BLOQ
2003			BLOQ	BLOQ
2006			BLOQ	BLOQ
2005			BLOQ	BLOQ
2031	B0.2F	0.2	6.54	45.8
2032			2.27	31.4
2033			4.40	55.6
2037			3.72	46.1
2035			BLOQ	14.2
2050	B2F	2	45.5	383
2042			24.6	387
2043			26.9	288
2046			55.3	381
2047			32.0	336
2051 ^a	B5F	5	1.38 (1.36, 1.45, 1.33)	647 (644, 643, 655)
2057			50.3	624
2053			114	1540
2054			131	857
2055			141	1230
2067	E0.2F	0.2	3.42	38.7
2062			2.50	34.1
2063			1.65	39.0
2064			2.04	33.4
2065			3.59	39.8
2071	E2F	2	34.1	294
2076			53.2	370
2073			41.9	430
2074			44.0	333
2075			18.5	289
2081	E5F	5	85.8	732
2082			90.2	905
2083			106	881
2084			69.7	1210
2085			95.5	974

a. Sample re-analyzed in duplicate after toxicokinetic review to confirm the original result. The average of the three results will be reported with the individual results in parentheses.

5.0 AMENDMENTS/DEVIATIONS

5.1 Amendments

Protocol Amendment 1 revised the plasma collection weeks, changing Weeks 4 and 13 to Weeks 5 and 14. The other changes in this amendment did not impact the bioanalytical sample analysis portion of the study.

5.2 Deviations

The bioanalytical sample analysis raw data contained minor SOP deviations that did not impact the study results.

On September 17, 2009 the refrigerator containing solutions used in the bioanalytical sample analysis was outside the acceptable temperature range of 2 to 8°C (approximately 10°C) for a period of time exceeding 60 minutes, the acceptable time limit for temperature deviations as defined by SOP. The refrigerator had returned to an acceptable temperature within 24 hours. This deviation is believed to be a result of normal day-to-day usage of the refrigerator and was determined by the study director to have no negative impact on the study.

APPENDIX A**STANDARD OPERATING PROCEDURE FOR THE ANALYSIS OF NICOTINE
AND COTININE IN RAT PLASMA**

APR - 2 2009

Manual Number:
Battelle SOP Number: COMSPEC.V-040-01
Page 1 of 16
Study Number: _____
Date: _____
Initials: _____

**STANDARD OPERATING PROCEDURE (SOP) FOR THE ANALYSIS OF
NICOTINE AND COTININE IN RAT PLASMA BY LC-MS**

Originated by: Jamie Pichay Date: 4-1-09

Approved by: [Signature] Date: 4-1-09
Technical Reviewer

Approved by: [Signature] Date: 4/1/09
Toxicologist

Approved by: [Signature] Date: 4-2-09
Management

Reviewed and Registered by QAU:

[Signature] Date: 4-2-09

Battelle
505 King Avenue
Columbus, Ohio 43201

Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

Page 2 of 16

Study Number: _____

Date: _____

Initials: _____

I. SCOPE

(b) (4)



II. PURPOSE

The purpose of this SOP is to provide instructions for conducting the analysis of nicotine and cotinine in rat plasma.

III. REFERENCES

- Current SOP for Labeling Reagents, Solutions, Test and Control Articles, and Specimens
- Current SOP for Using Electronic Balances
- Current SOP for Recording, Reviewing, and Correcting Raw Data
- Current SOP for Using Pipettors
- Current SOP for Using HPLCs
- Current SOP for Using Mass Spectrometers
- Current SOP for Numeric Data and Calculations
- Current SOP for Using Refrigerators and Freezers
- Current SOP for the Use and Training for Analyst Software

IV. DEFINITIONS

None

Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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Study Number: _____

Date: _____

Initials: _____

V. PROCEDURE

A. GENERAL INSTRUCTIONS

USE TWO PAIR OF DISSIMILAR GLOVES DURING NEAT CHEMICAL HANDLING.

Calibrate all required balances according to the SOP on balance usage.

Make equivalent dilutions when the volume needed varies from the volume stated in the method.

Label all standard and reagent solutions as specified in the appropriate SOP.

Document all materials, equipment, and the chromatographic parameters. Initial on the top of each page of this document to signify that you have followed the instructions as written, all materials and reagents are current, and all equipment has been properly calibrated.

Initial and date the top of the page on the day that the work for that page was begun. Other entries made by the analyst on a later date or entries made by another person will be initialed and dated near the data entry.

The procedures are written in general chronological order. However, it is not essential that all sections be performed sequentially. The analyst may determine the order for conducting the task in the most efficient manner, unless the order for certain activities is specified.

Line through any section that is not needed for a specific task.

B. SAMPLES

See attached form for sample list and dilution of samples.

Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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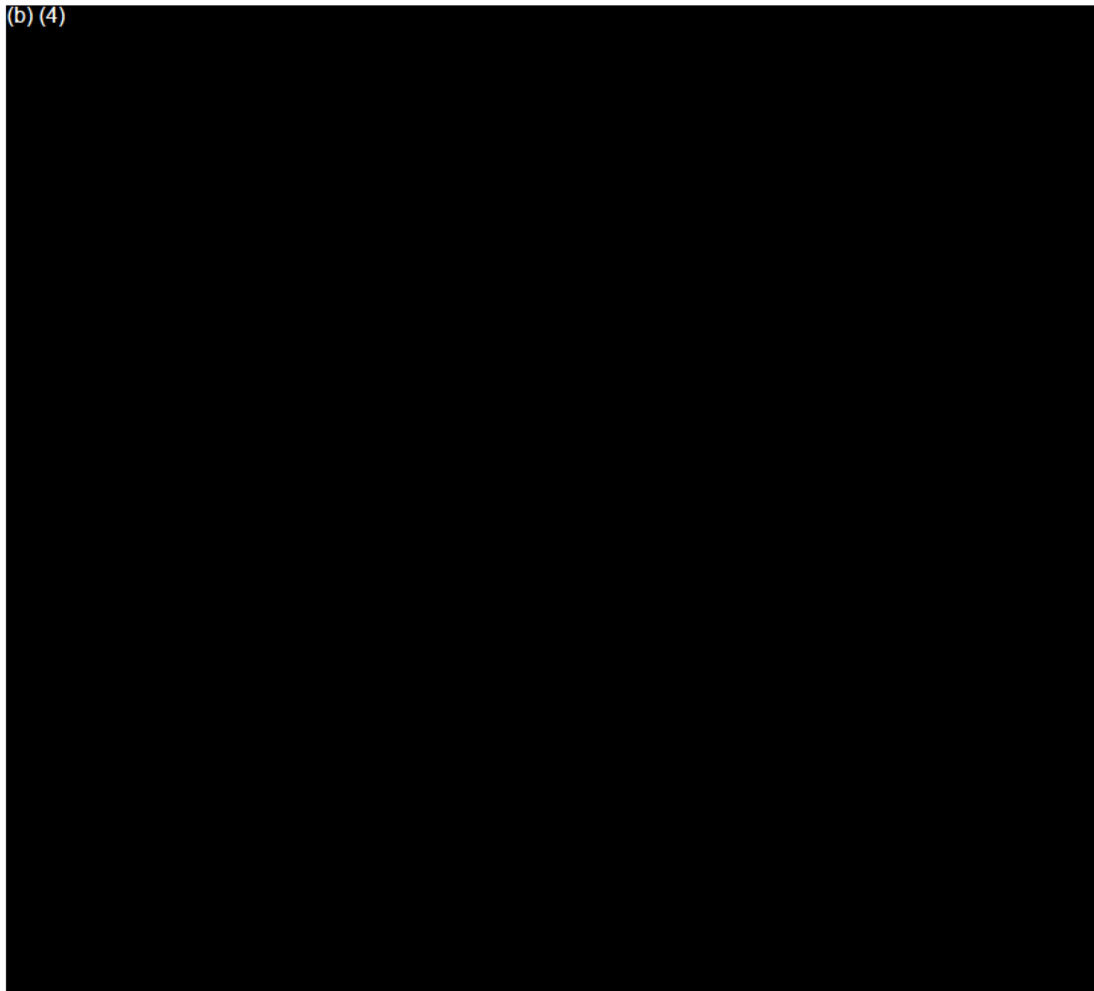
Study Number: _____

Date: _____

Initials: _____

C. MATERIALS

(b) (4)



Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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Study Number: _____

Date: _____

Initials: _____

D. EQUIPMENT

(b) (4)



Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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Study Number: _____

Date: _____

Initials: _____

E. PREPARATION OF SOLUTIONS(b) (4)
**F. PREPARATION OF STANDARD SOLUTIONS****1. Preparation of Nicotine Stock Standard Solutions**(b) (4)


Date Prepared: _____

Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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Study Number: _____

Date: _____

Initials: _____

2. Preparation of Cotinine Stock Standard Solutions

(b) (4)



Date Prepared: _____

Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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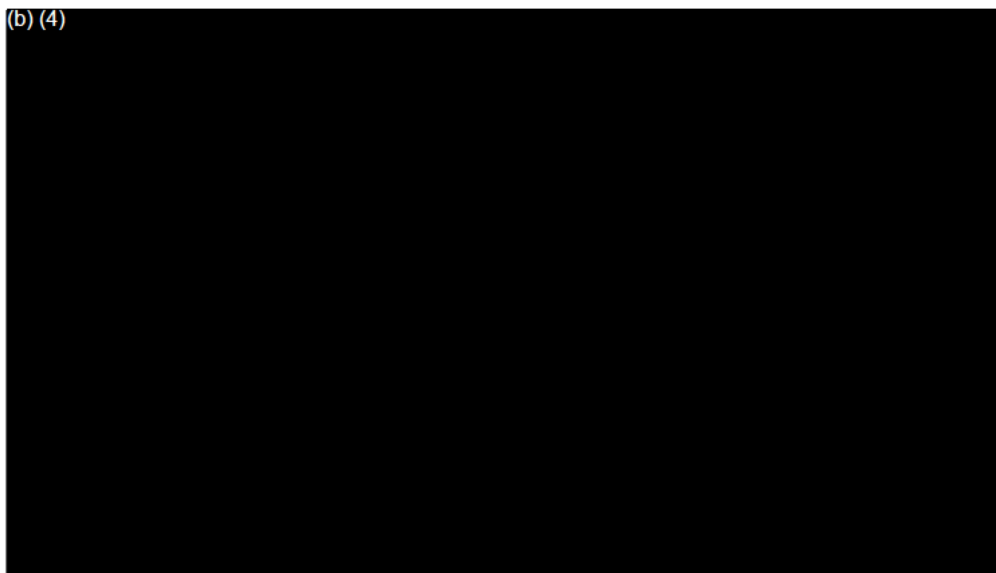
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Date: _____

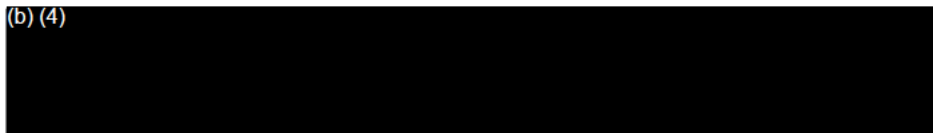
Initials: _____

G. PREPARATION OF PLASMA CALIBRATION STANDARDS

(b) (4)

**H. PREPARATION OF BLANKS**

(b) (4)



Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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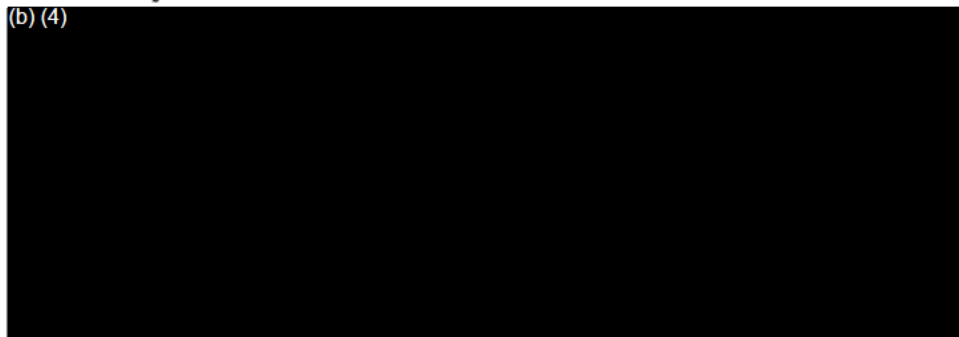
Study Number: _____

Date: _____

Initials: _____

I. PREPARATION OF INTERNAL STANDARD (IS) SOLUTIONS**1. Preparation of Stock Internal Standard Solutions**

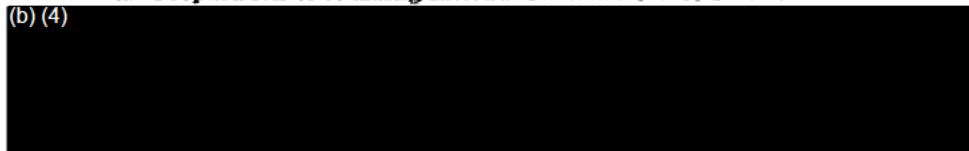
(b) (4)



Date Prepared: _____

2. Preparation of Working Internal Standard (WIS) Solution

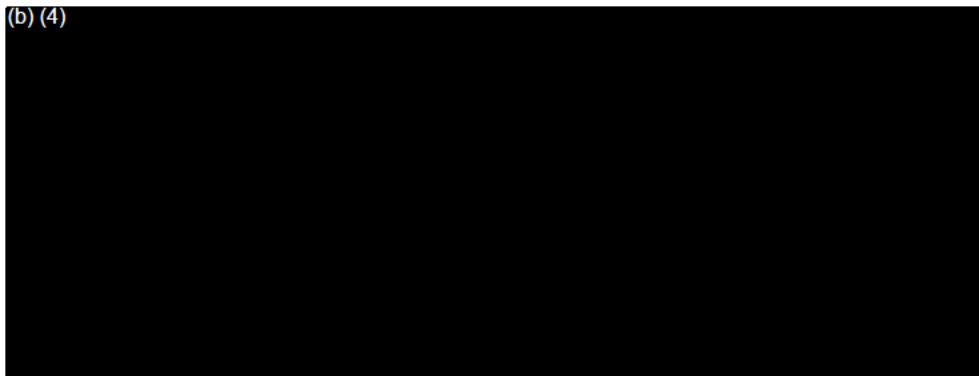
(b) (4)



Date Prepared: _____

J. PREPARATION OF QUALITY CONTROL (QC) SAMPLES**1. Preparation of Solvent QC Spiking Solutions**

(b) (4)



Date Prepared: _____

Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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Study Number: _____

Date: _____

Initials: _____

2. Preparation of Plasma QC Samples(b) (4)


Date Prepared: _____

Process four replicates of each QC level for each set.

K. PREPARATION OF PLASMA STANDARDS, BLANKS, QCS, AND SAMPLES(b) (4)


Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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Study Number: _____

Date: _____

Initials: _____

(b) (4)



Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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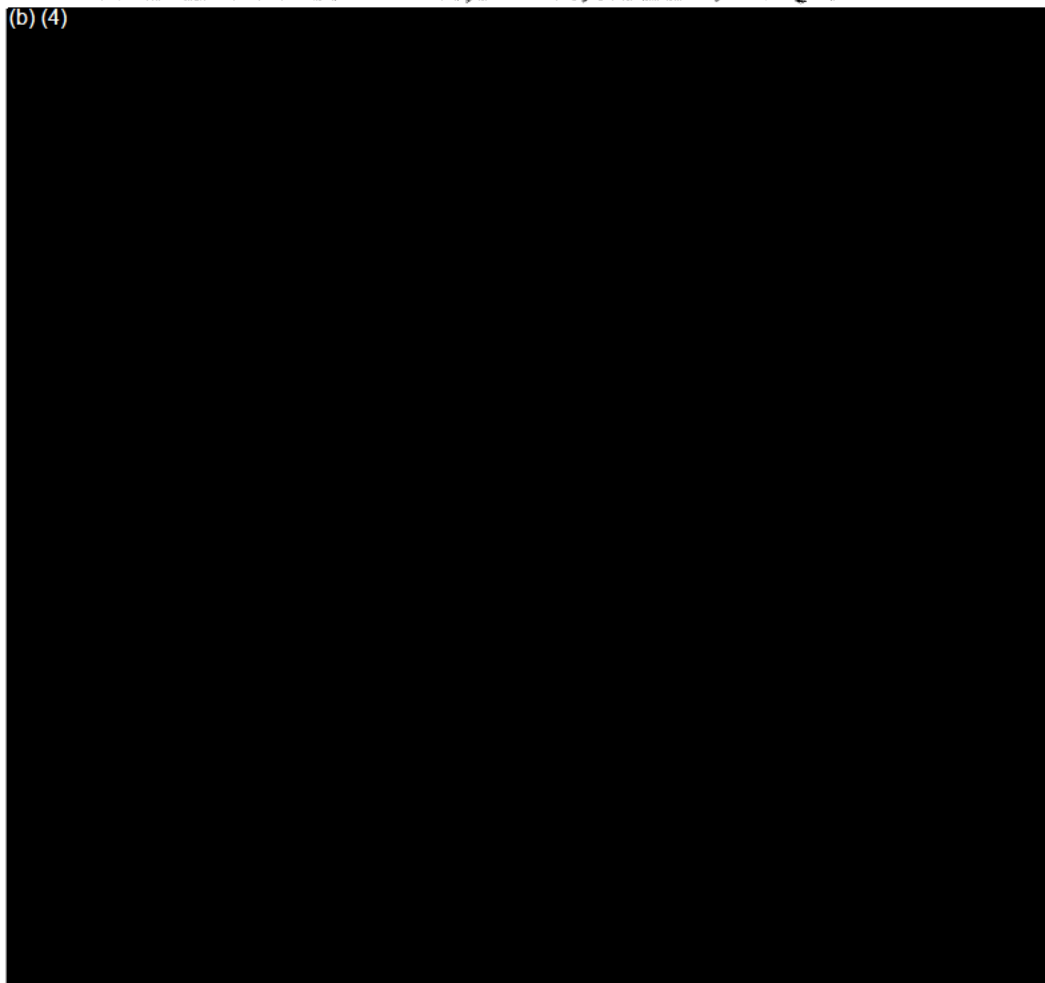
Study Number: _____

Date: _____

Initials: _____

L. ANALYSIS OF STANDARDS, BLANKS, SAMPLES, AND QCS

(b) (4)



Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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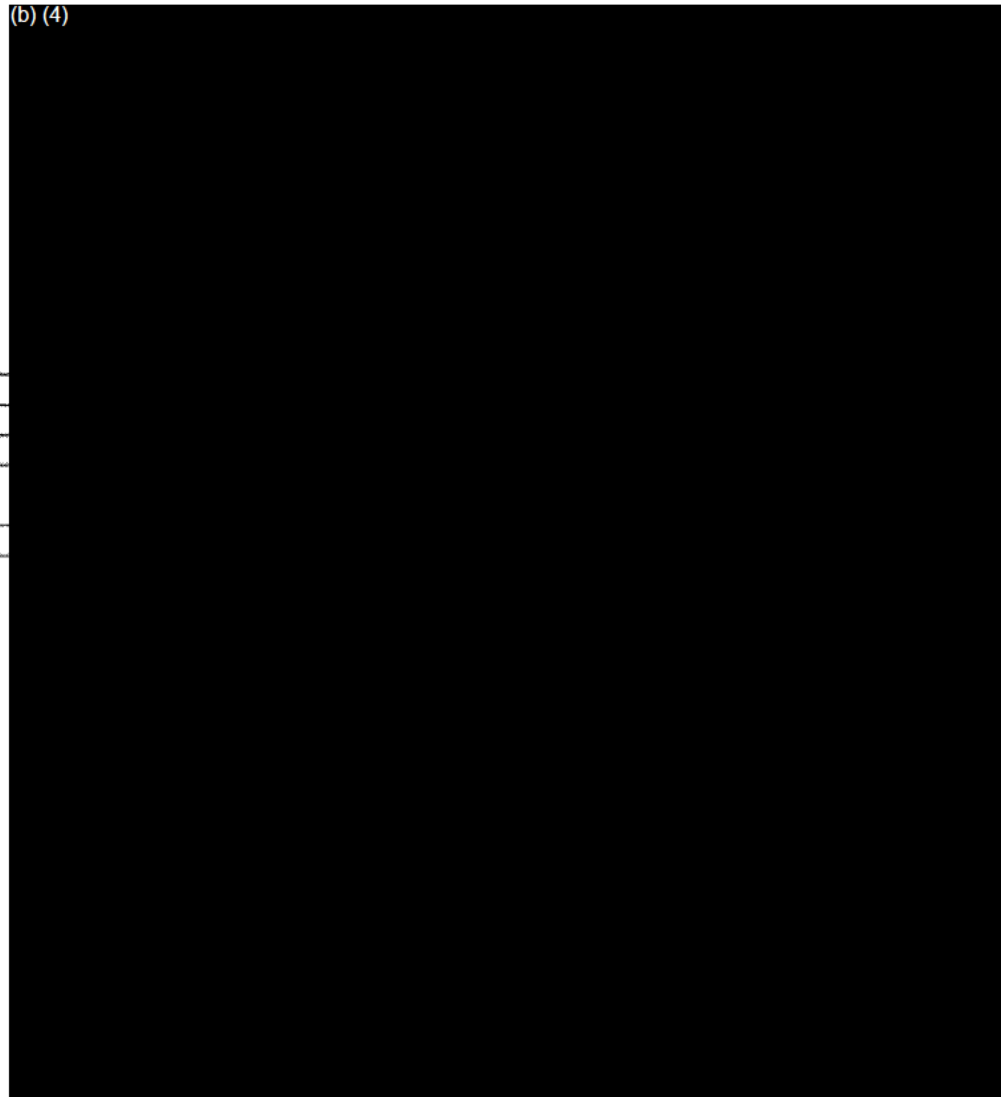
Study Number: _____

Date: _____

Initials: _____

VI. CALCULATIONS

(b) (4)



Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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Study Number: _____

Date: _____

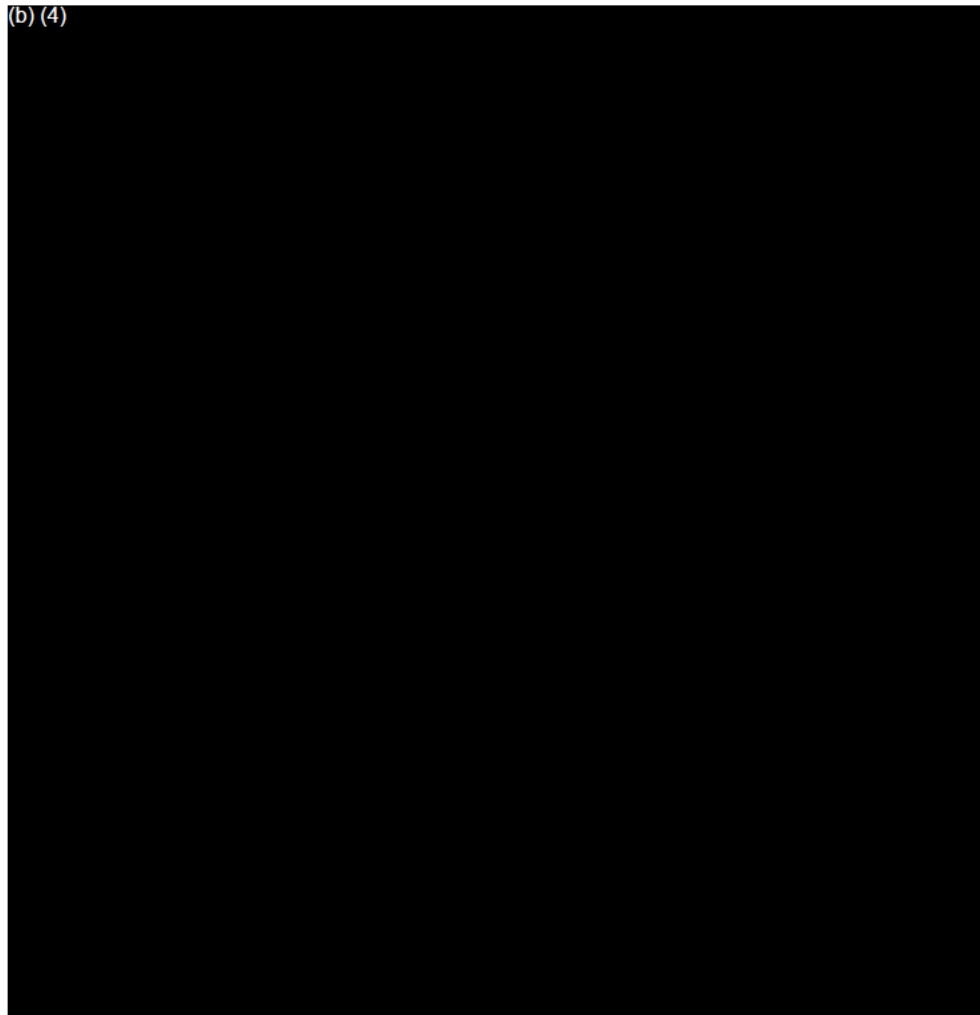
Initials: _____

VII. RESULTS

Include printouts of the acquisition method, HPLC method, calibration curve, chromatograms, summary report, data processing parameters, and spreadsheets in the data packet.

VIII. ACCEPTANCE CRITERIA

(b) (4)



Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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Study Number: _____

Date: _____

Initials: _____

IX. COMMENTS/CONCLUSIONS

X. DATA REVIEW**Technical Review**

Review at least the following to assure they are acceptable: rejection of calibration standards, integration of chromatograms, chromatography data processing and acquisition parameters, calibration standard concentrations, and regression model

Data Accuracy Review

Review at least the following: completeness and correctness of data entry, formulas used to calculate all values, accuracy of calculations, and compliance of data with acceptance criteria.

XI. SIGNATURES

Technical Review Signature/Date:

Signature of the technical reviewer will be considered documentation that all modifications and/or changes to this SOP (documented during the course of conducting this task) are technically acceptable and have no adverse technical impact unless otherwise noted. Changes or deviations to the acceptance criteria section require independent assessment by the technical reviewer.

Data Accuracy Review Signature/Date:

Manual Number:

Battelle SOP Number: COMSPEC.V-040-01

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Study Number: _____

Date: _____

Initials: _____

XII. REVISION HISTORY

- Revised equipment information in Table 2.
- Revised solutions IDs in Tables 5 and 6.
- Added storage interval in Section J.2.
- Revised wording in Section V.K.
- Corrected manufacturer's addresses in Table 10.
- Minor wording corrections throughout.

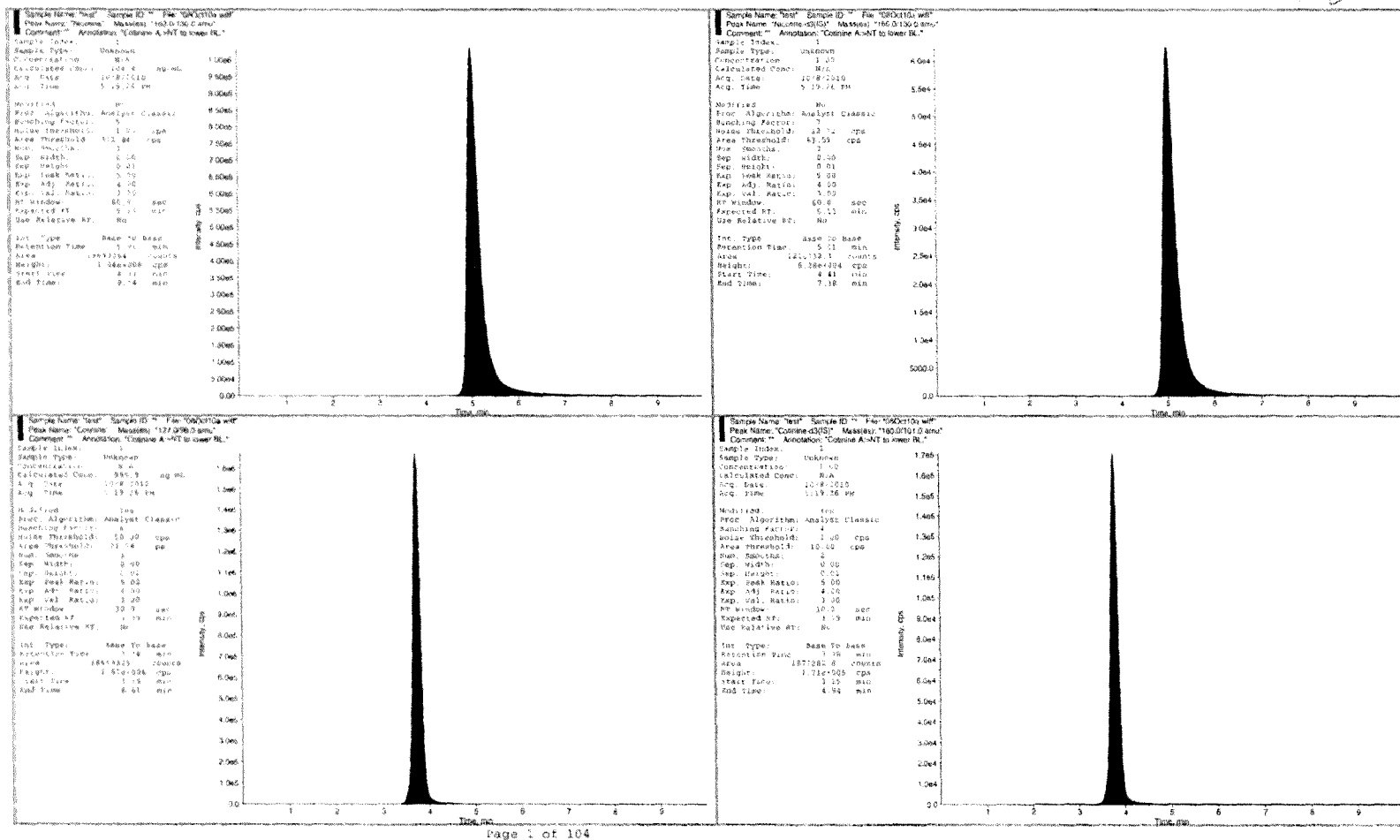
APPENDIX B**EXAMPLE ANALYSIS SET CHROMATOGRAMS OF SAMPLE SUBJECTS
ALONG WITH CALIBRATION STANDARDS, BLANKS, AND QC SAMPLES
FROM THE WEEK 83 ANALYSIS**

Project: CN49730G Nicotine Rat AG00750403
 Method Name: 08Oct10a.qm
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:08 AM

*Rev. color
 pages
 1-104
 2/10/10*

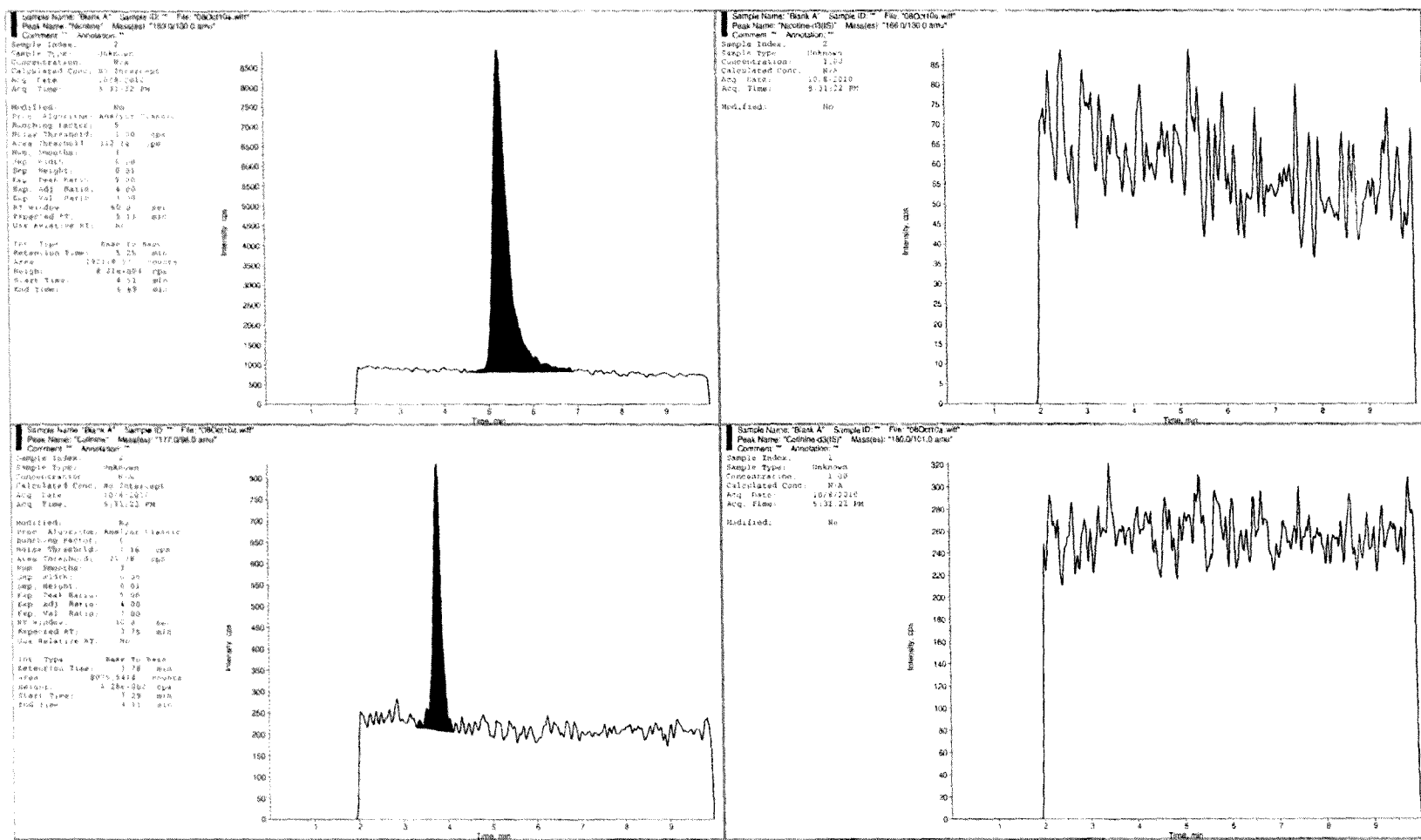


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qm1
 Analyst Version: 1.4.3

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:08 AM

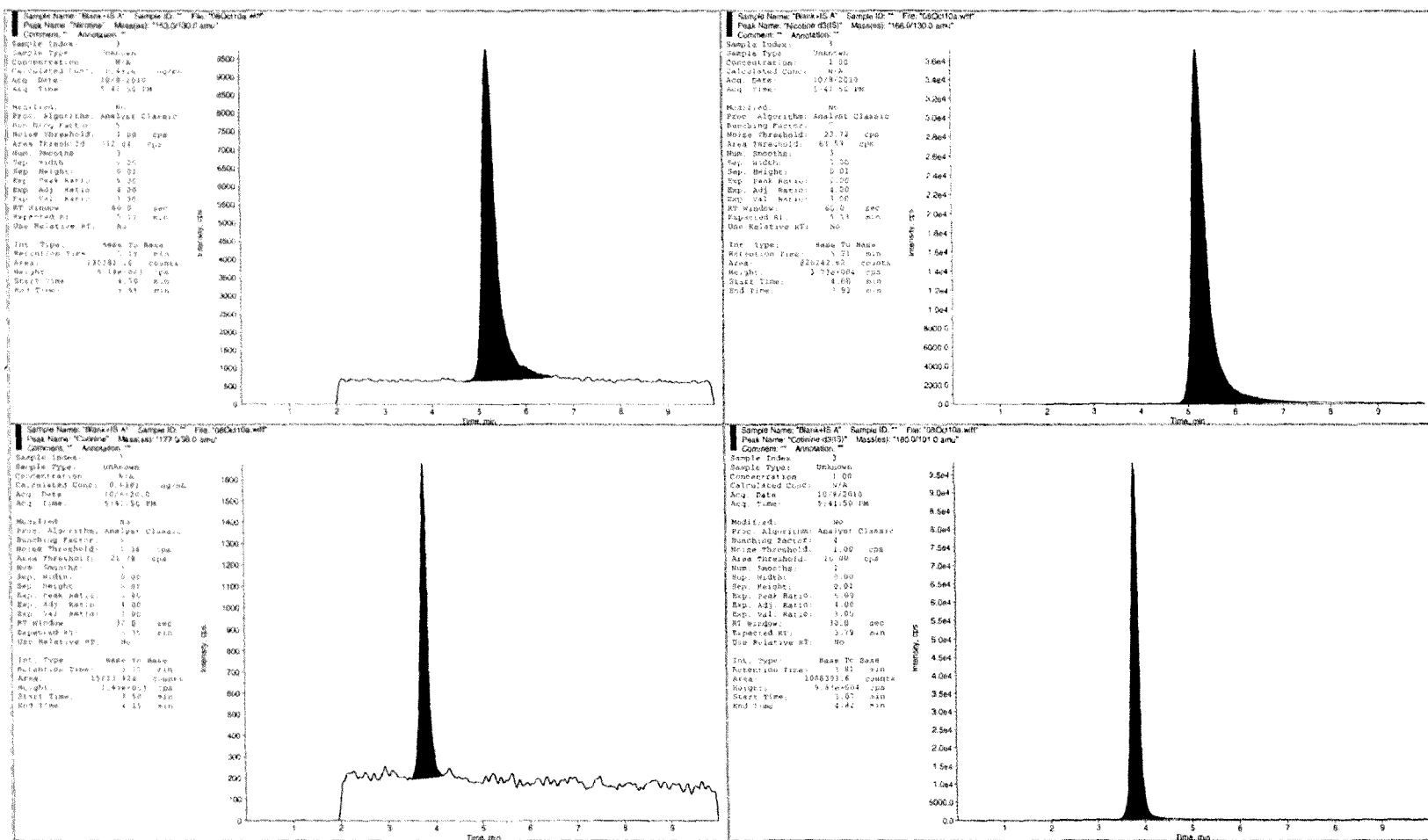


Page 2 of 134

Project: CN49730G Nicotine Rat AG09750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:09 AM

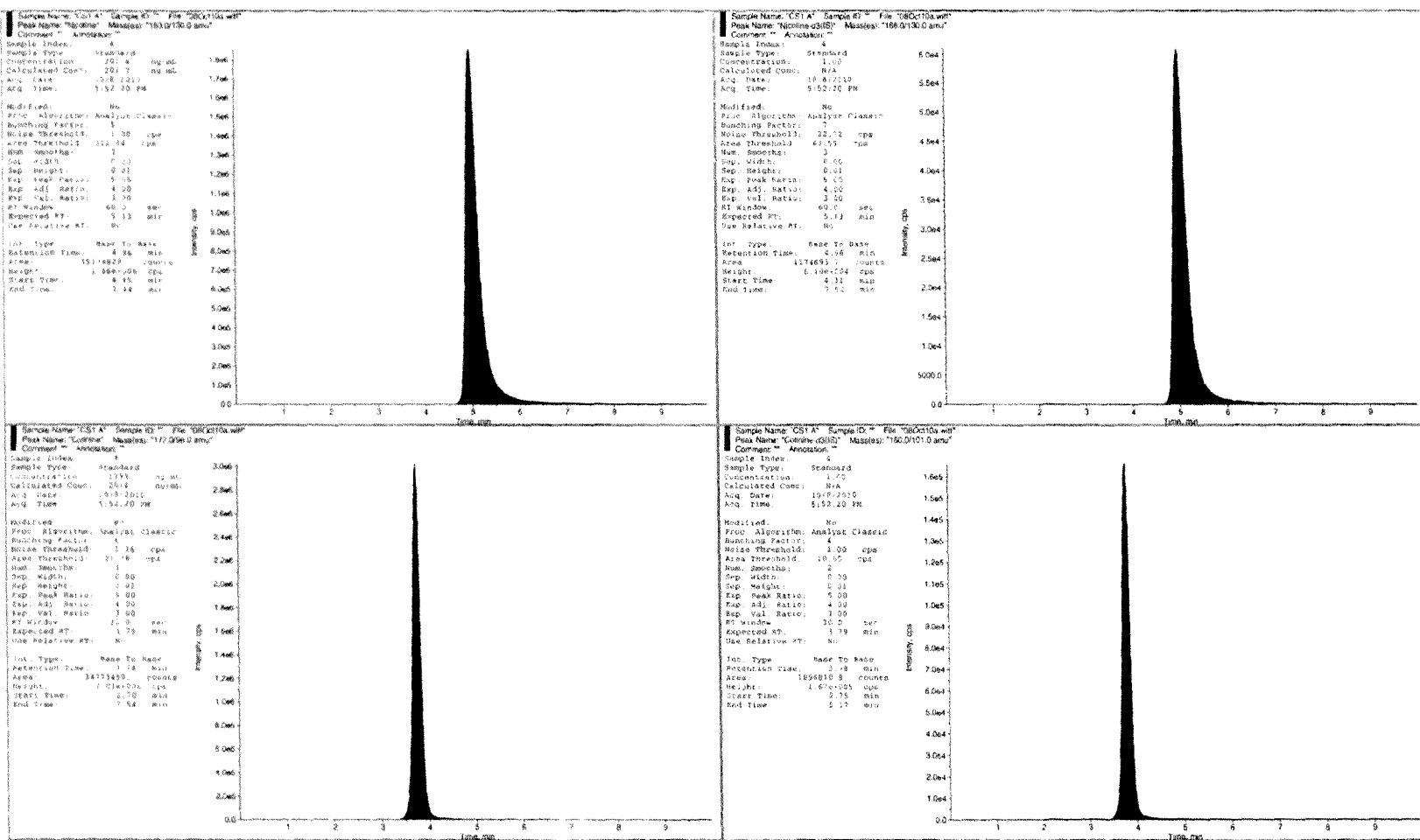


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmt
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:09 AM

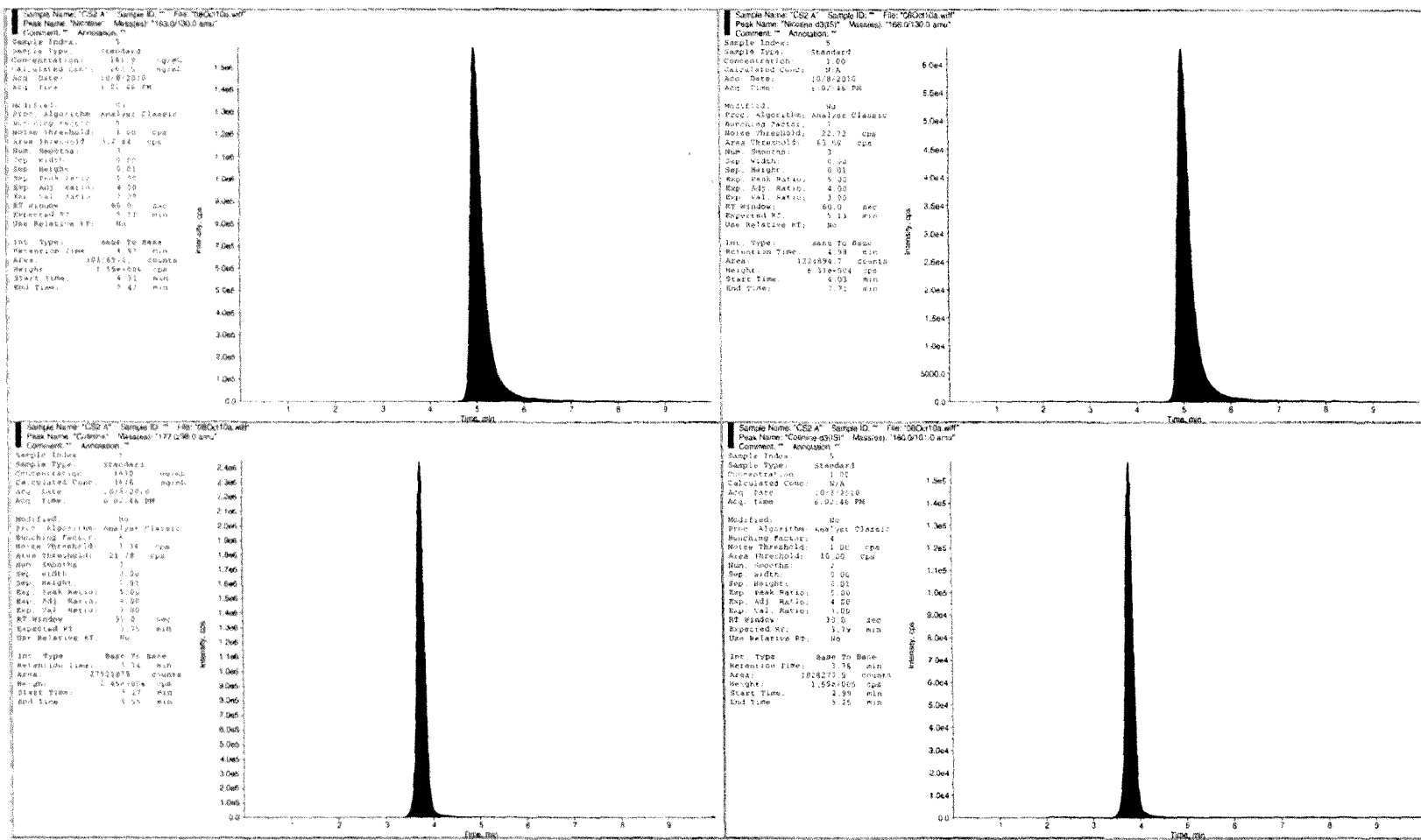


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Project: CN49730G Nicotine Rat A009750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:09 AM

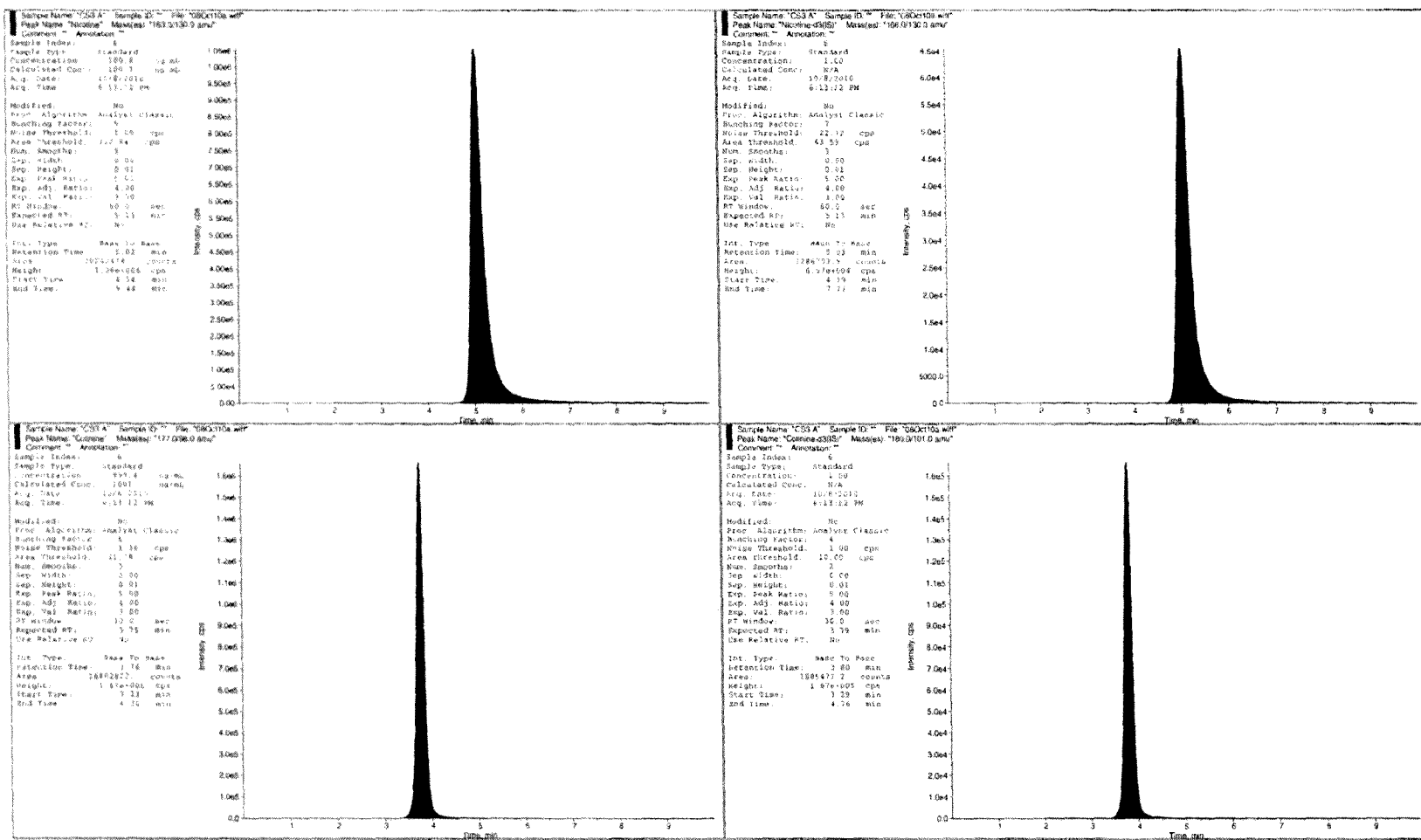


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 06Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 06Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:10 AM

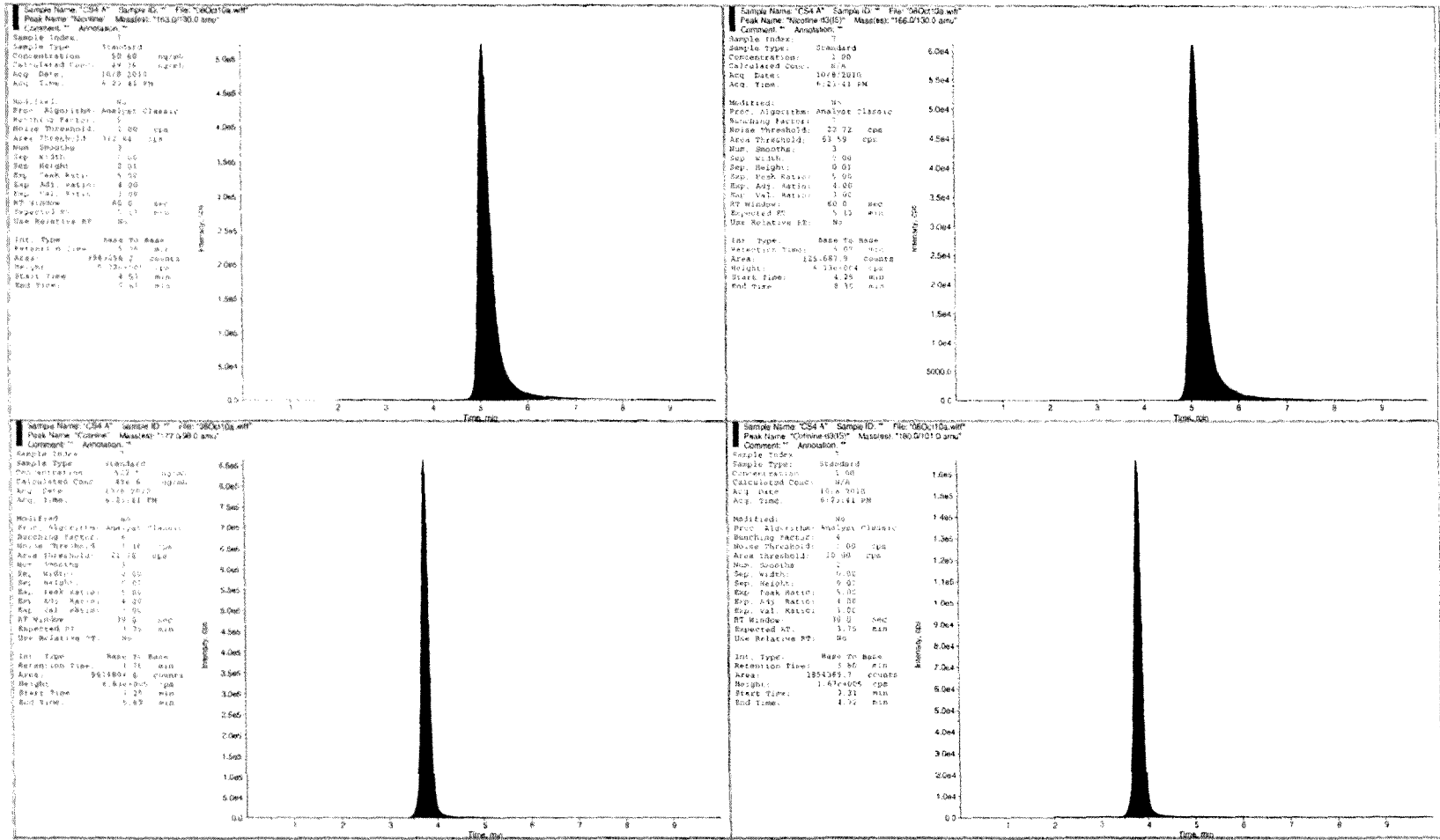


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Project: CN49730G Nicotine Rat A300750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:10 AM

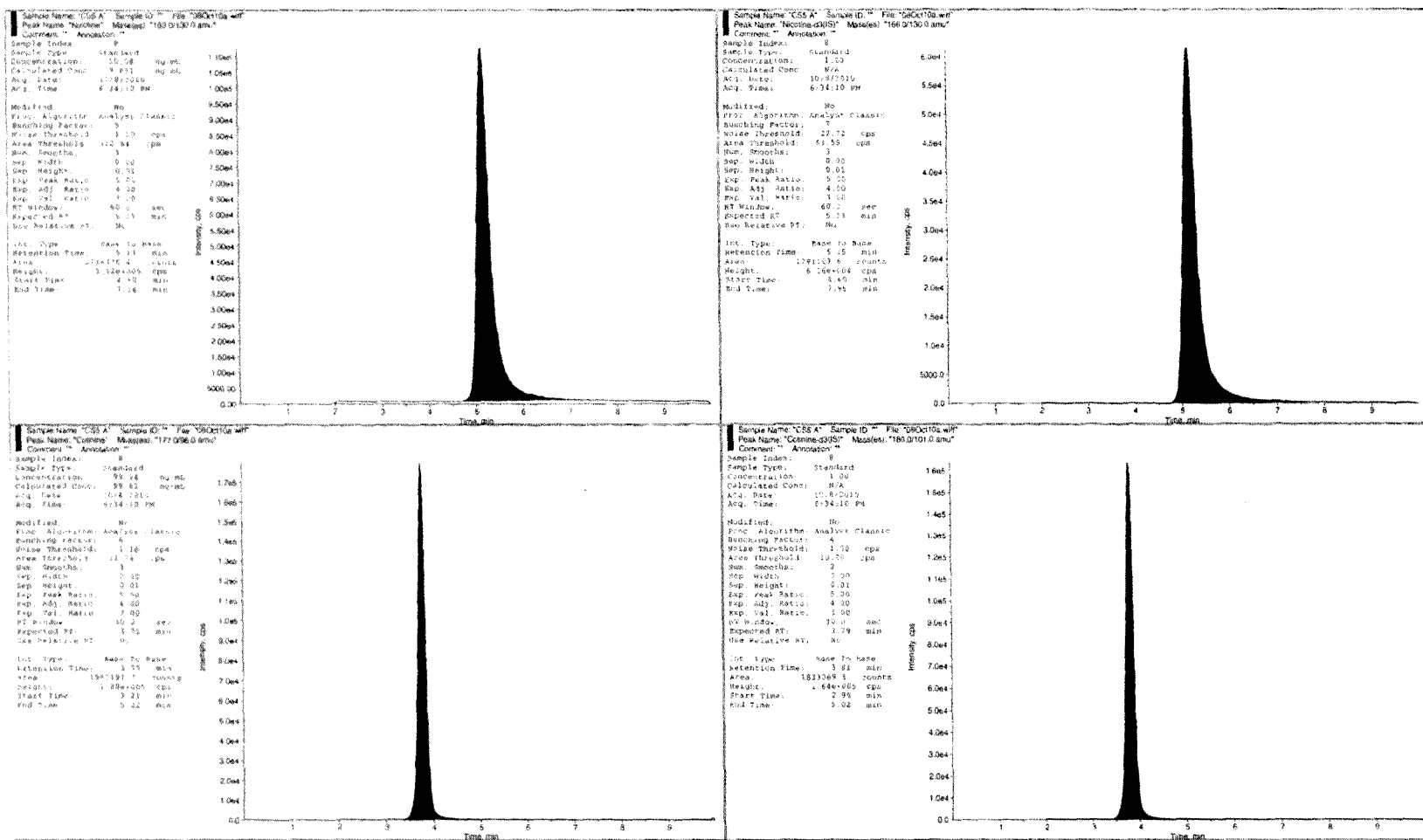


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qm1
 Analyst Version: 1.1.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:10 AM

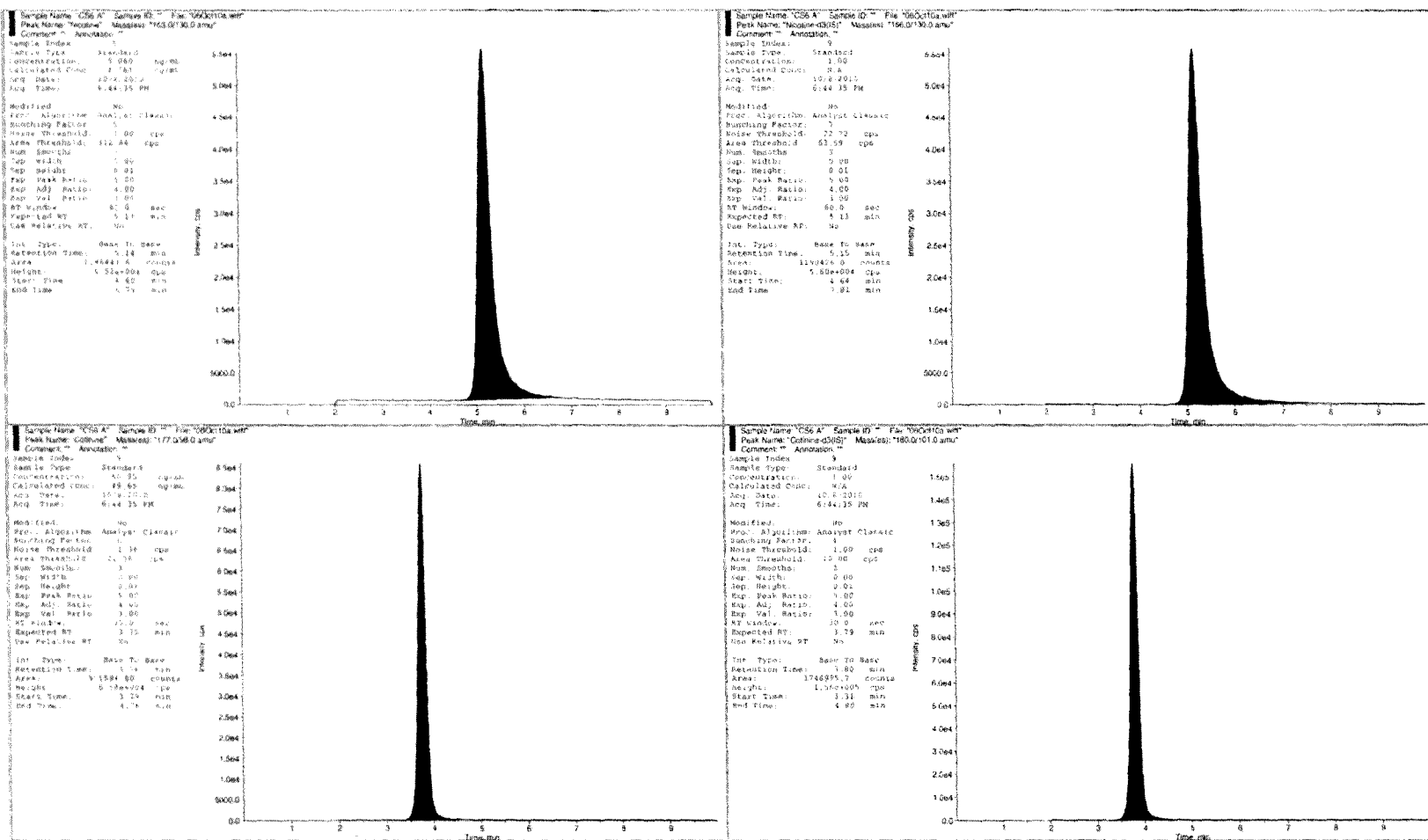


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:10 AM

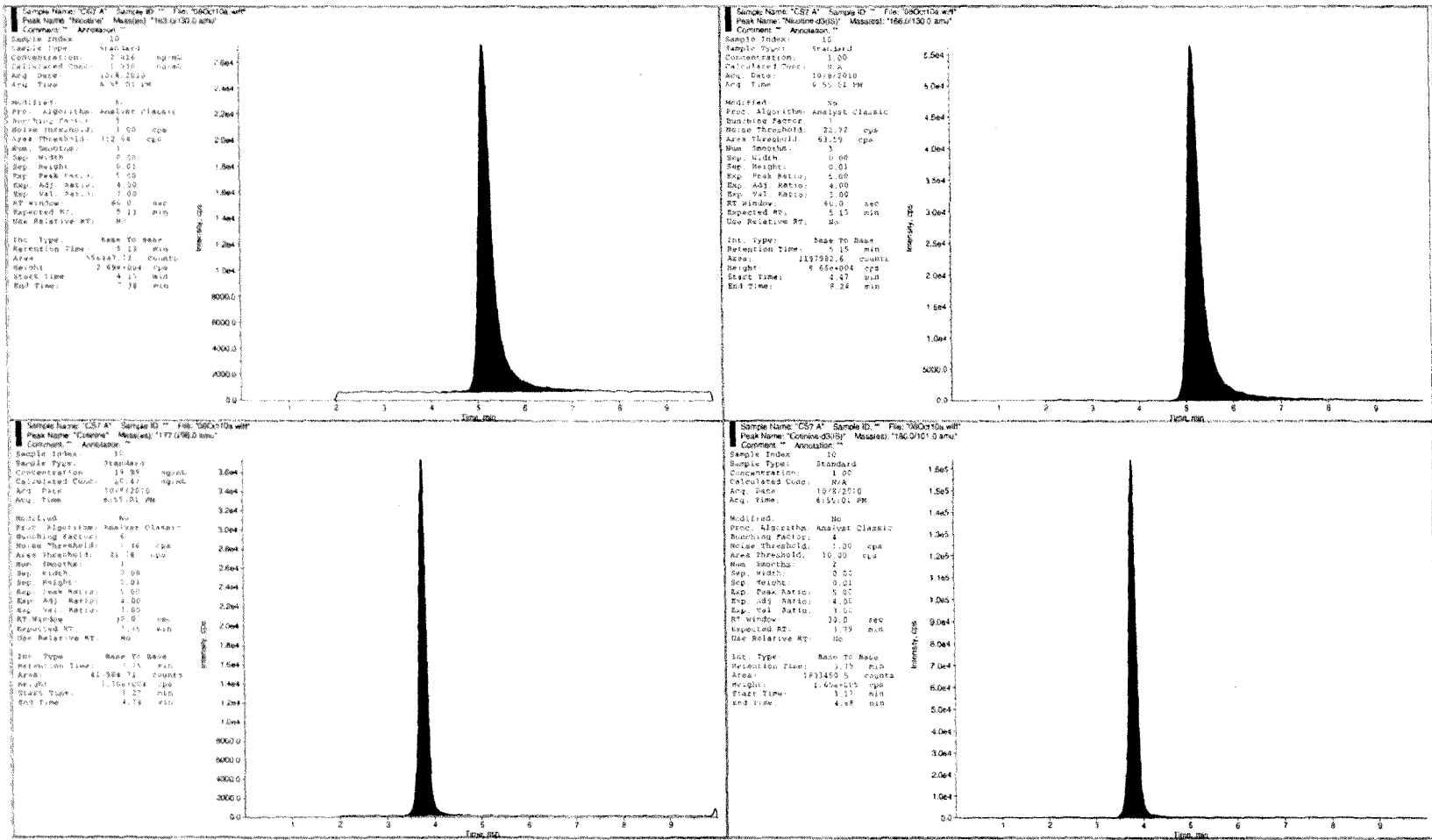


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Project: CN49730G Nicotine Rat AG00750593
 Method Name: 04Oct10a.qm1
 Analyst Version: 1.4.2

Results Name: 04Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:11 AM

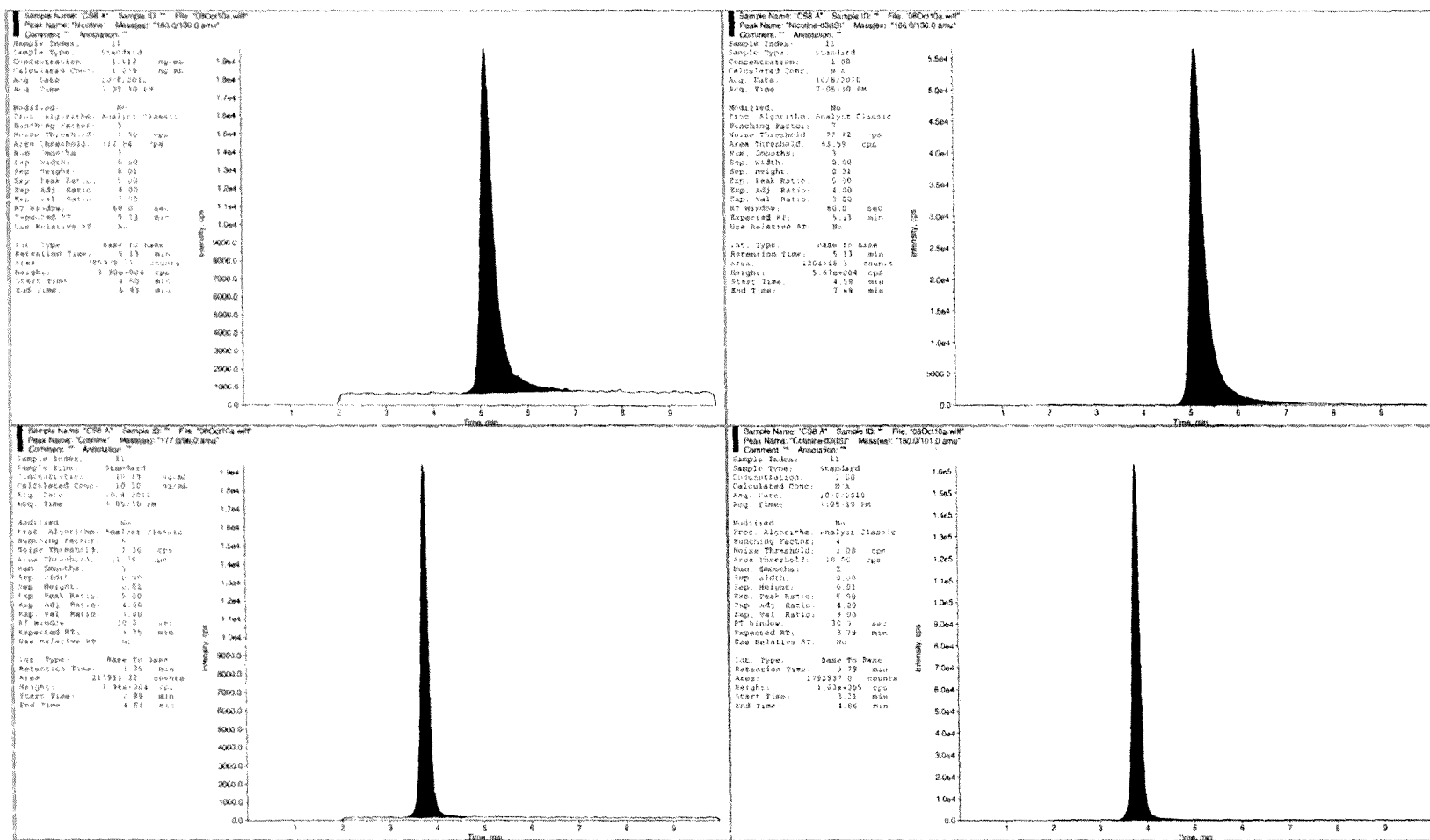


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Project: CN49730G Nicotine Rat A900750503
Method Name: GR00130.qmt
Analyst Version: 1.1.1

Results Name: 09Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:11 AM

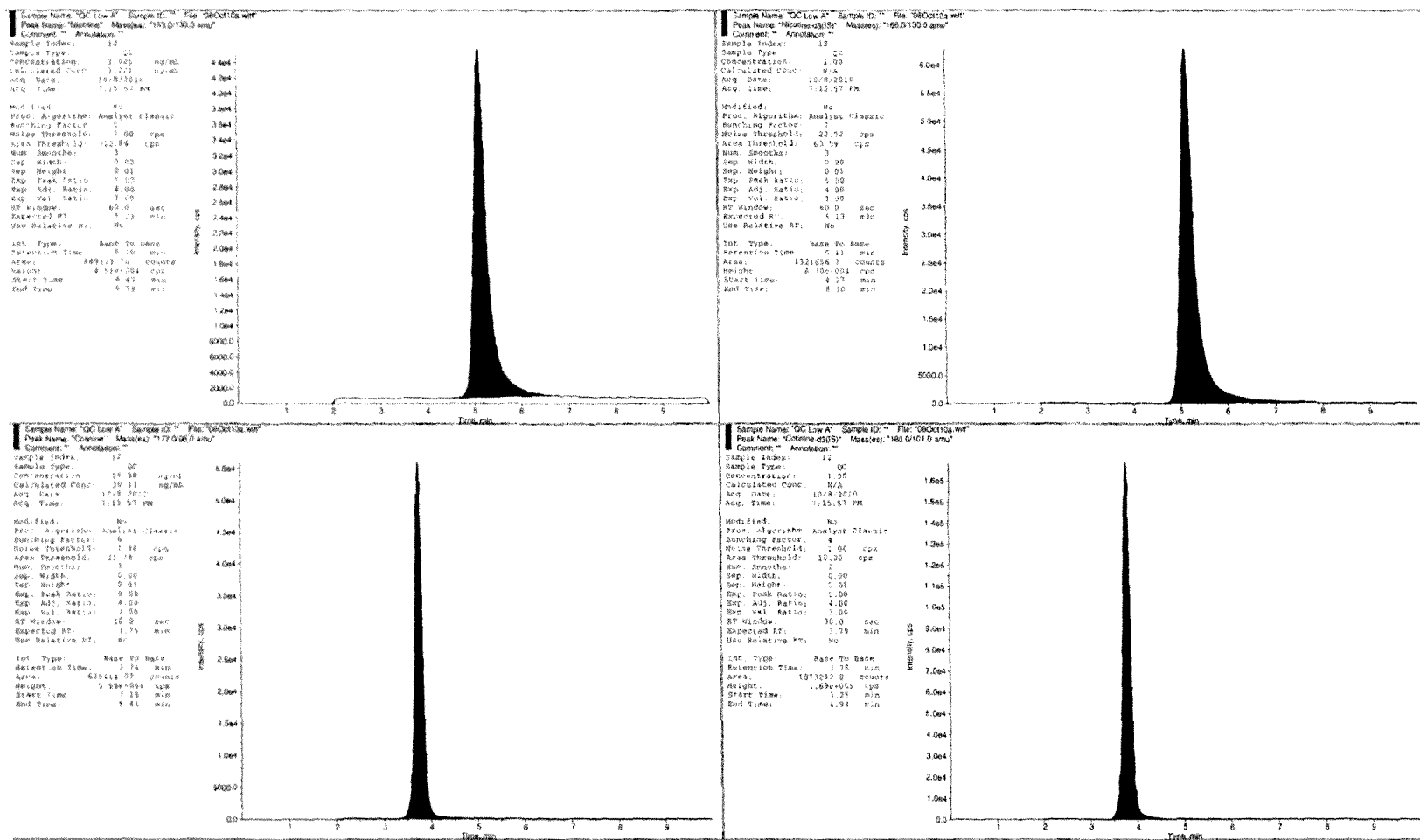


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Project: CN49730G Nicotine Rat A000750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.1

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:11 AM

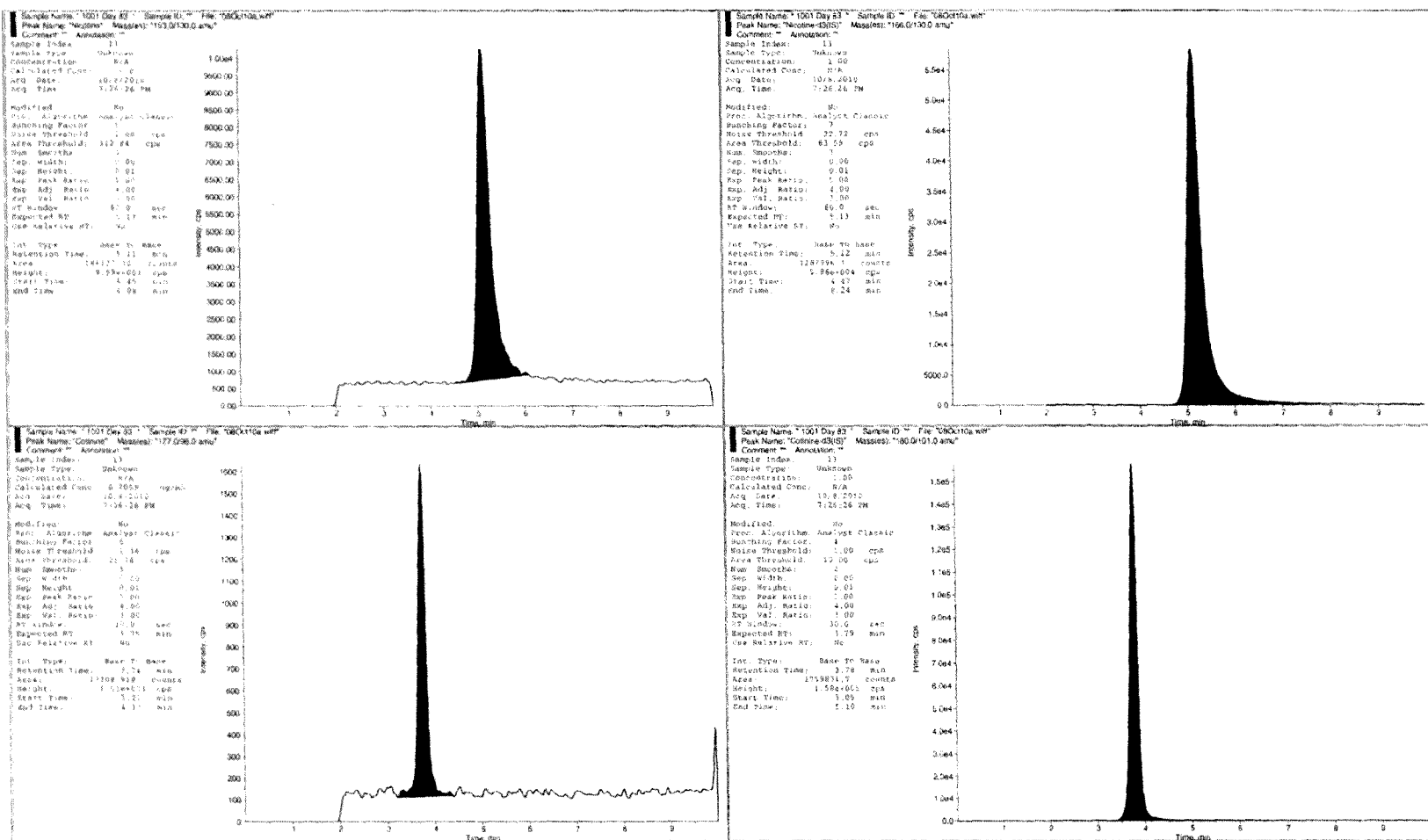


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Project: CN49730G Nicotine Rat AG09750503
 Method Name: 08Oct10a.qmt
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:12 AM

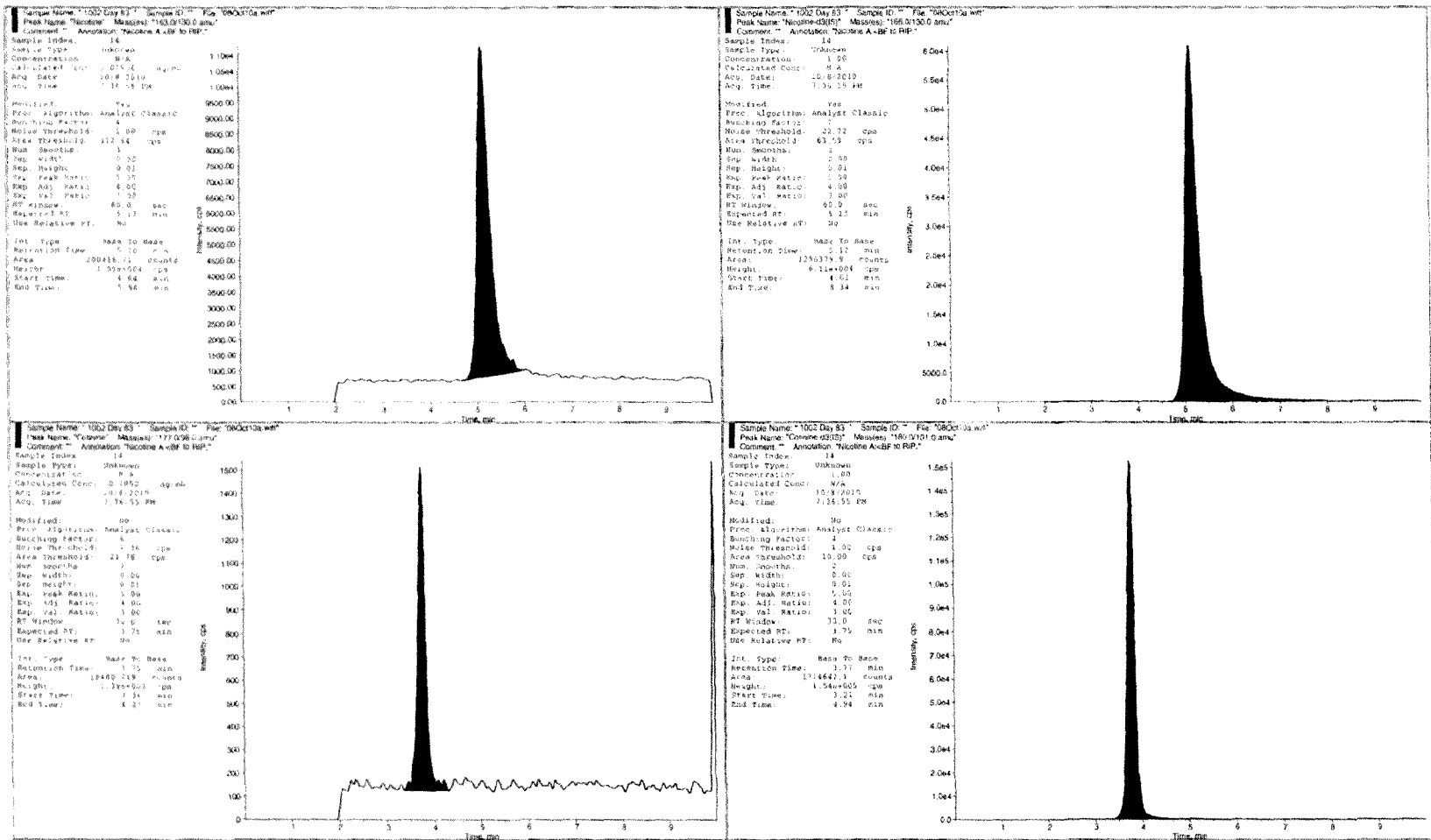


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Project: CN49730G Nicotine Rat A000750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:12 AM

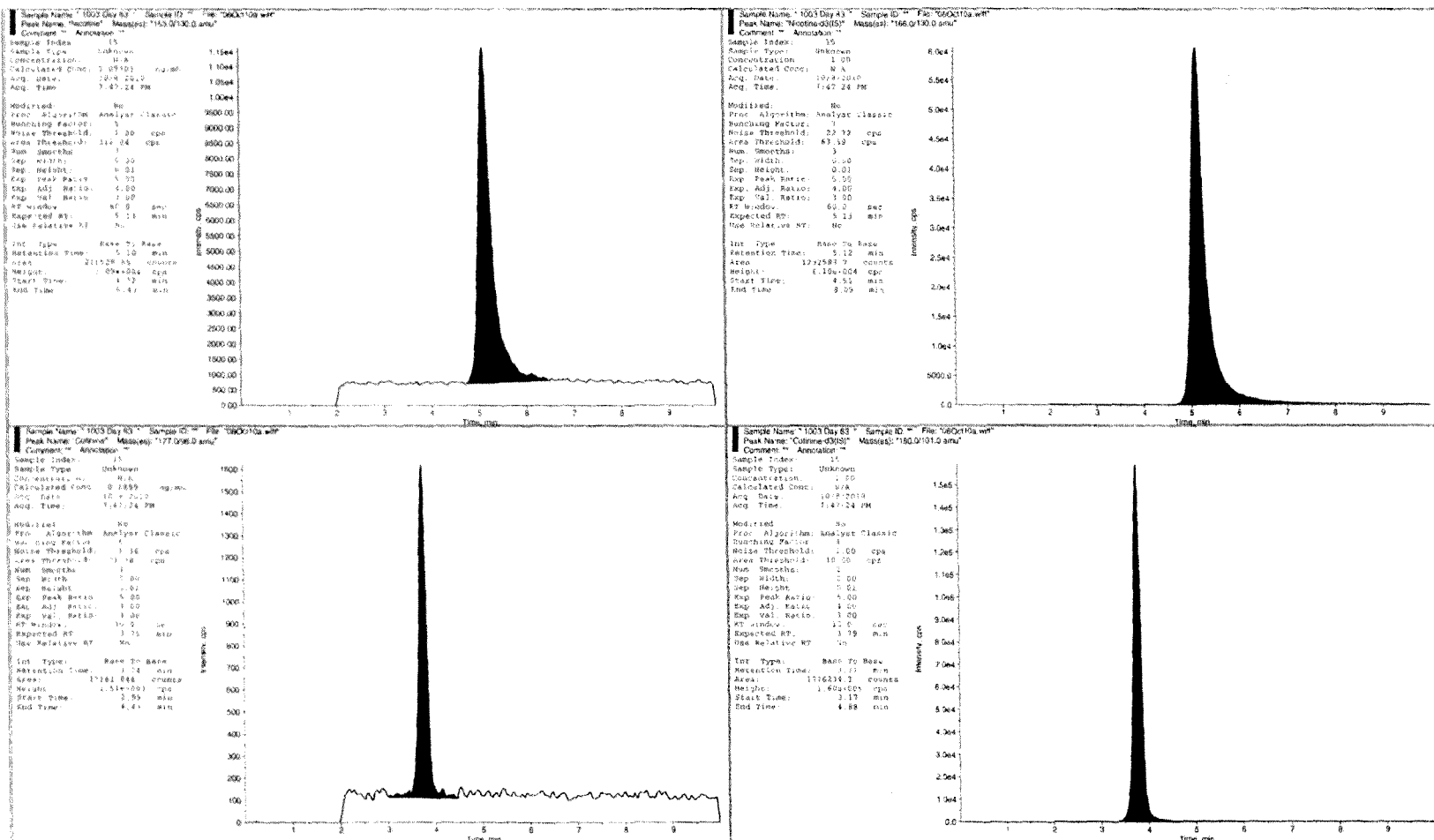


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 09Oct10a.qm1
Analyst Version: 1.4.1

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:12 AM

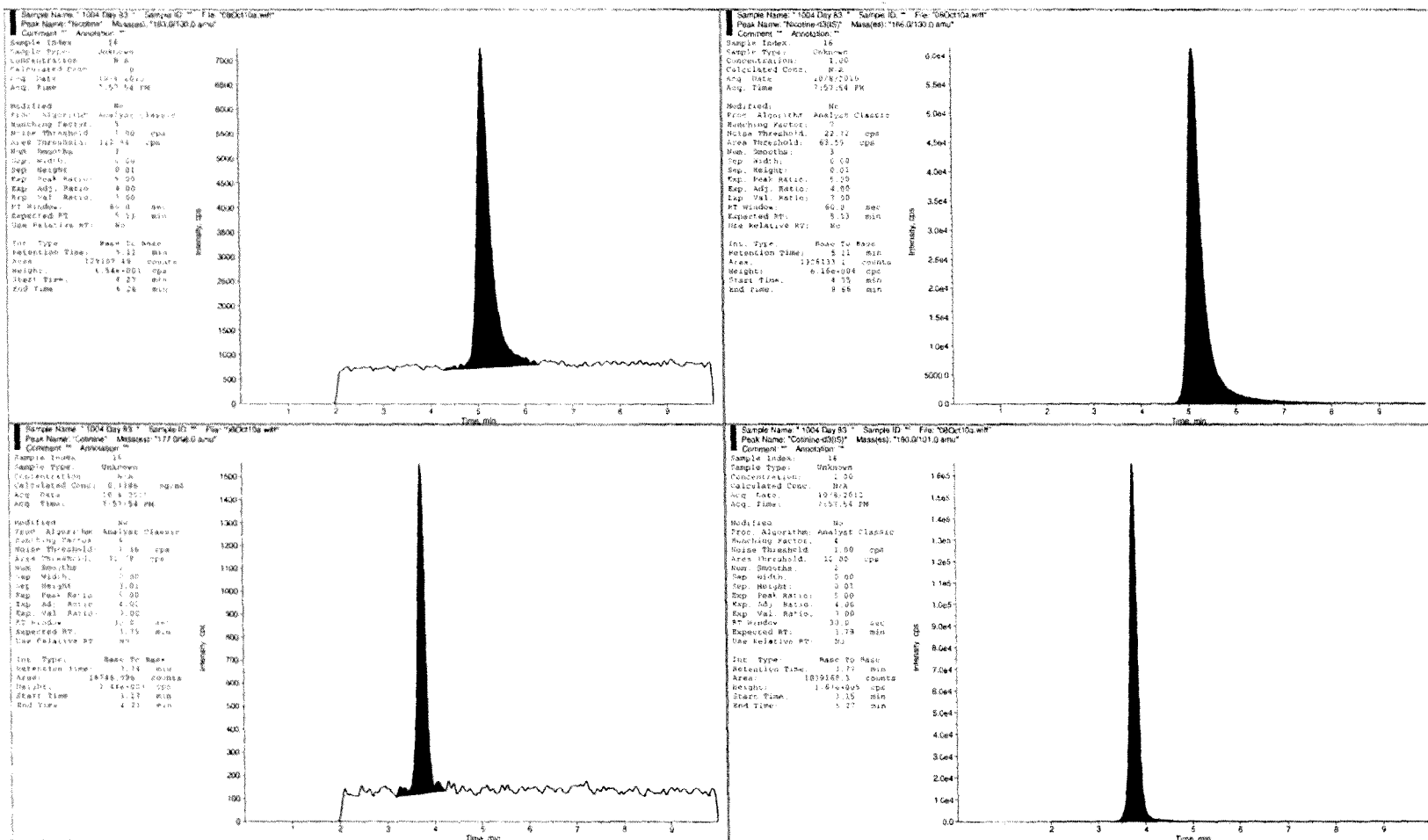


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmt
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:12 AM

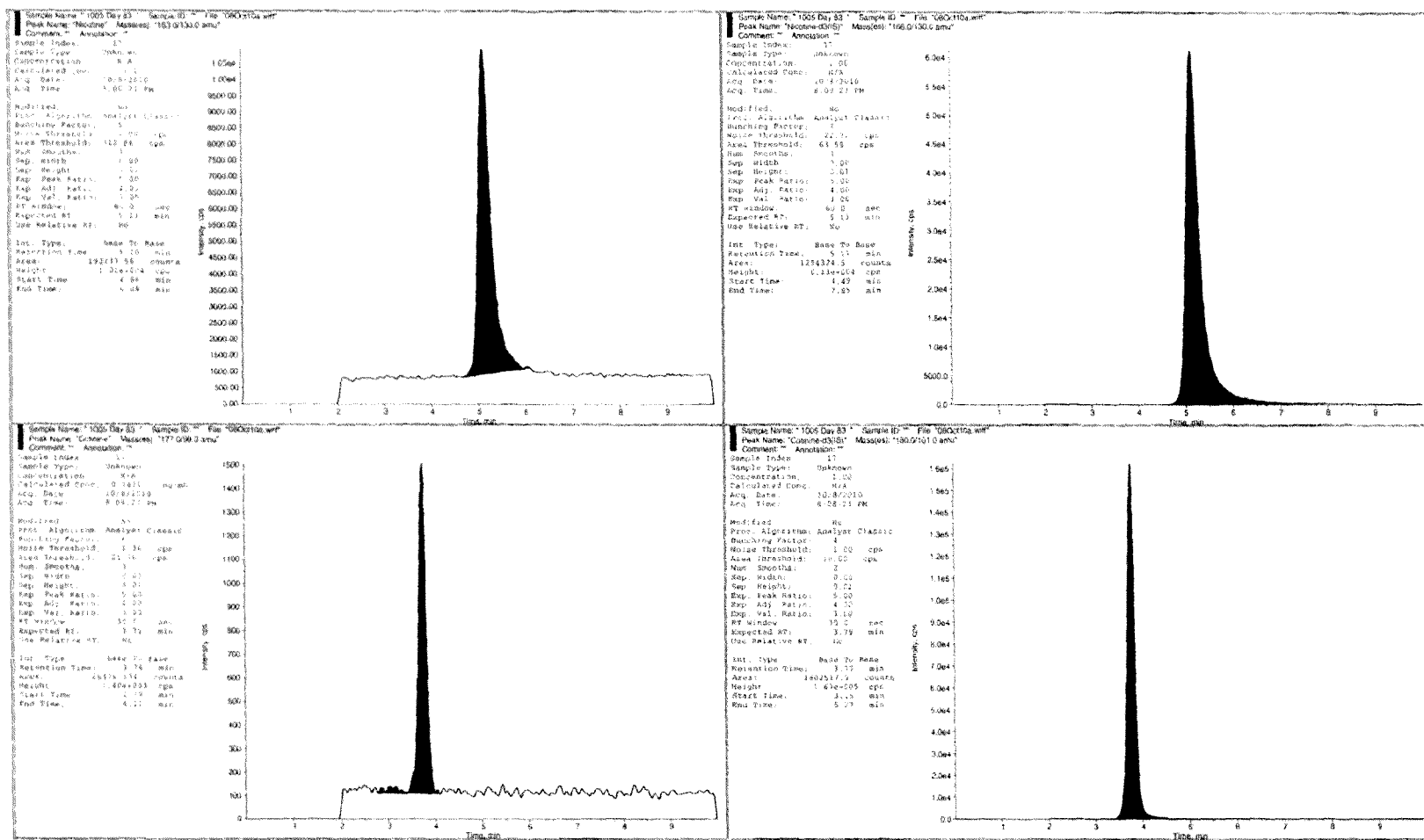


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: C8Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:12 AM

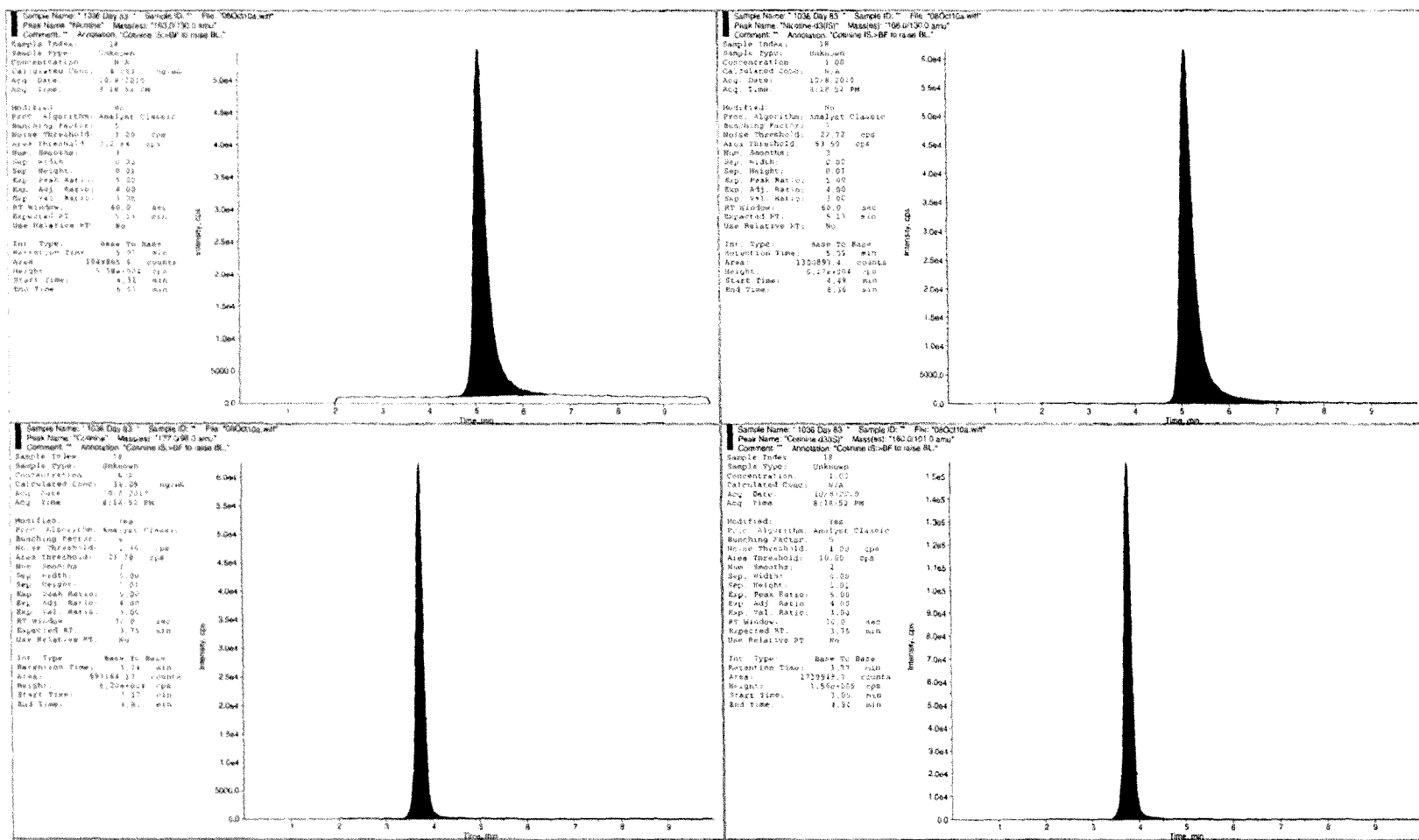


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Project: CN49730G Nicotine Rat AG0070503
Method Name: 08Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:13 AM

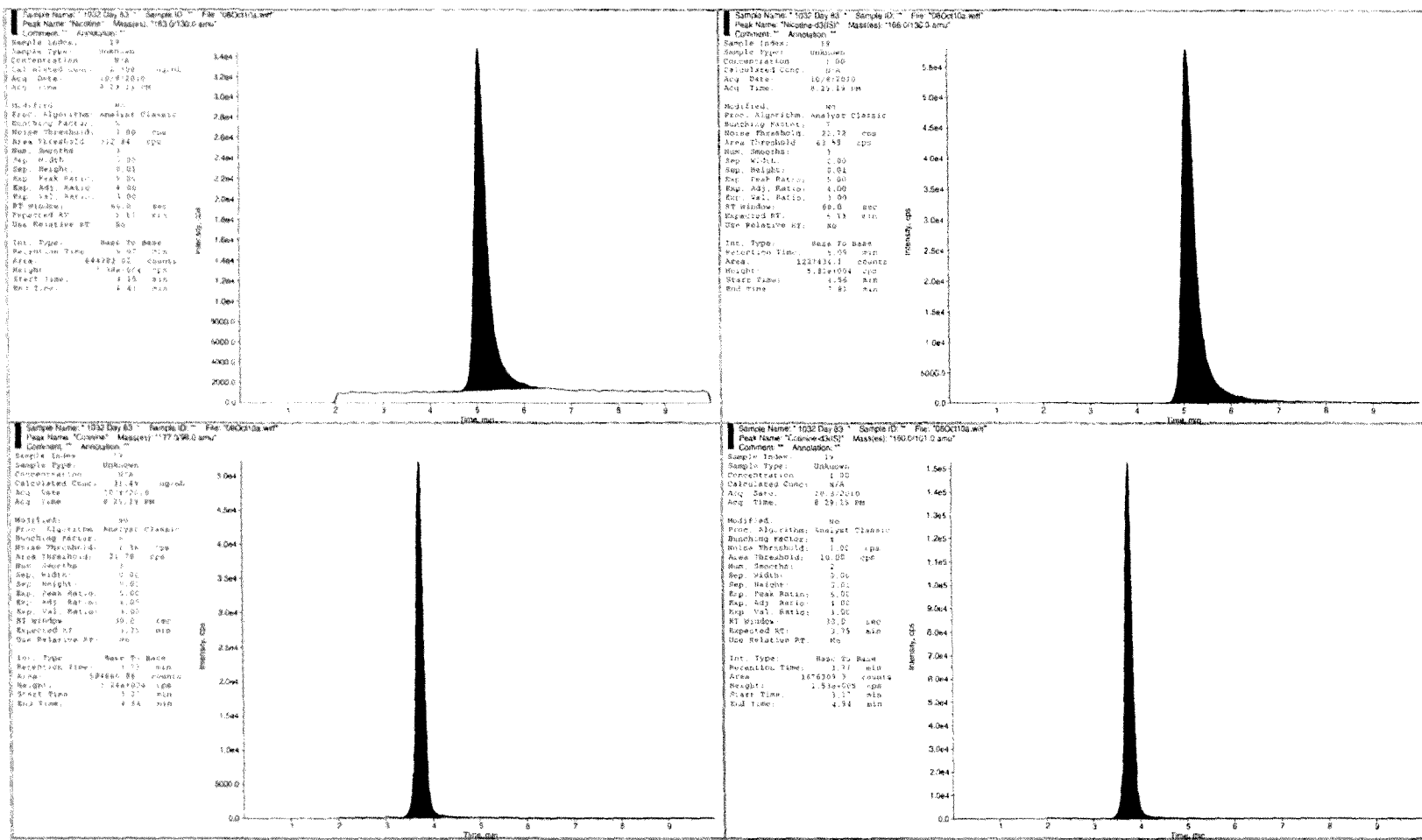


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Project: CN49730G Nicotine Rat AG09750503
Method Name: 08Oct10a.qcf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

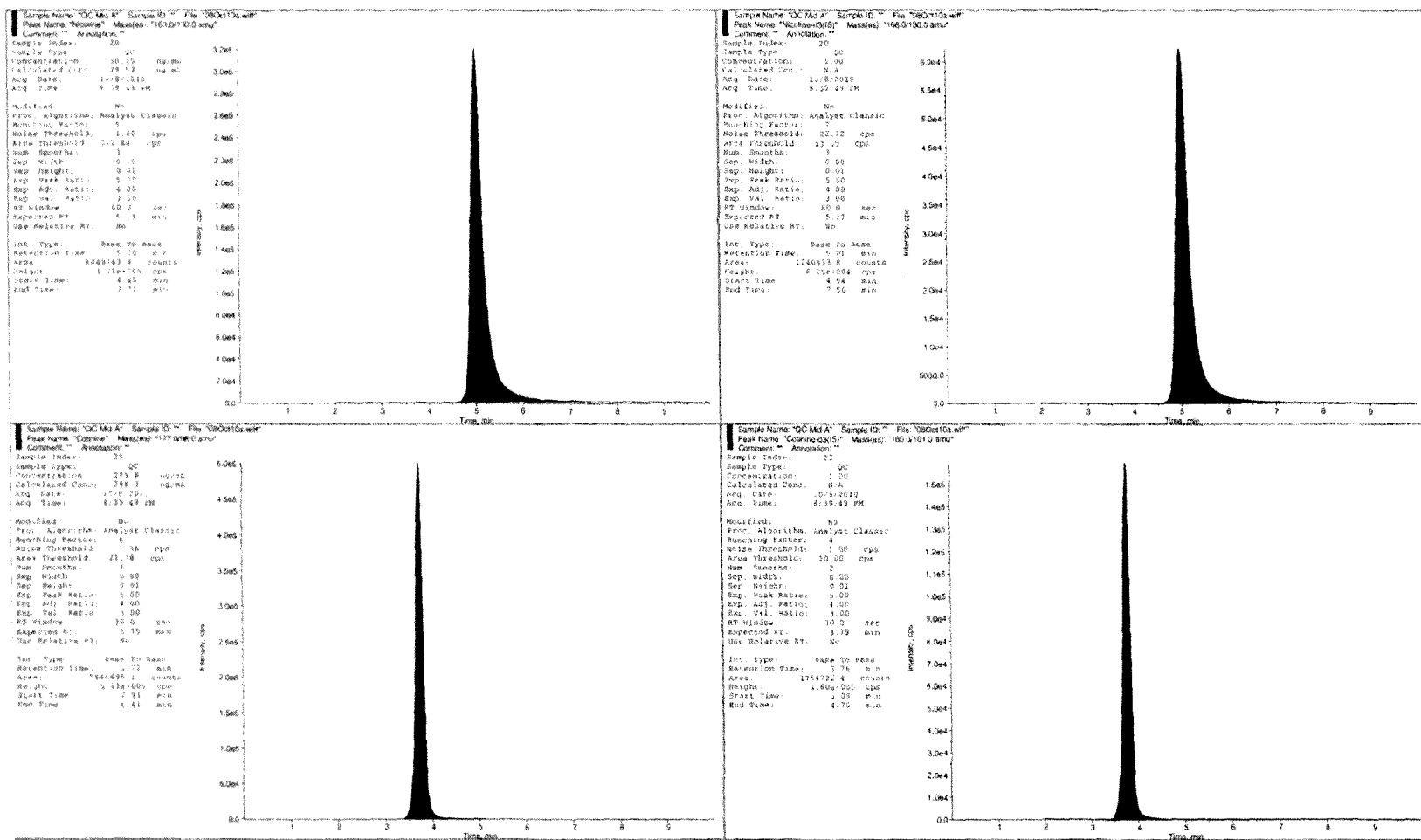
Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:13 AM



Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:13 AM

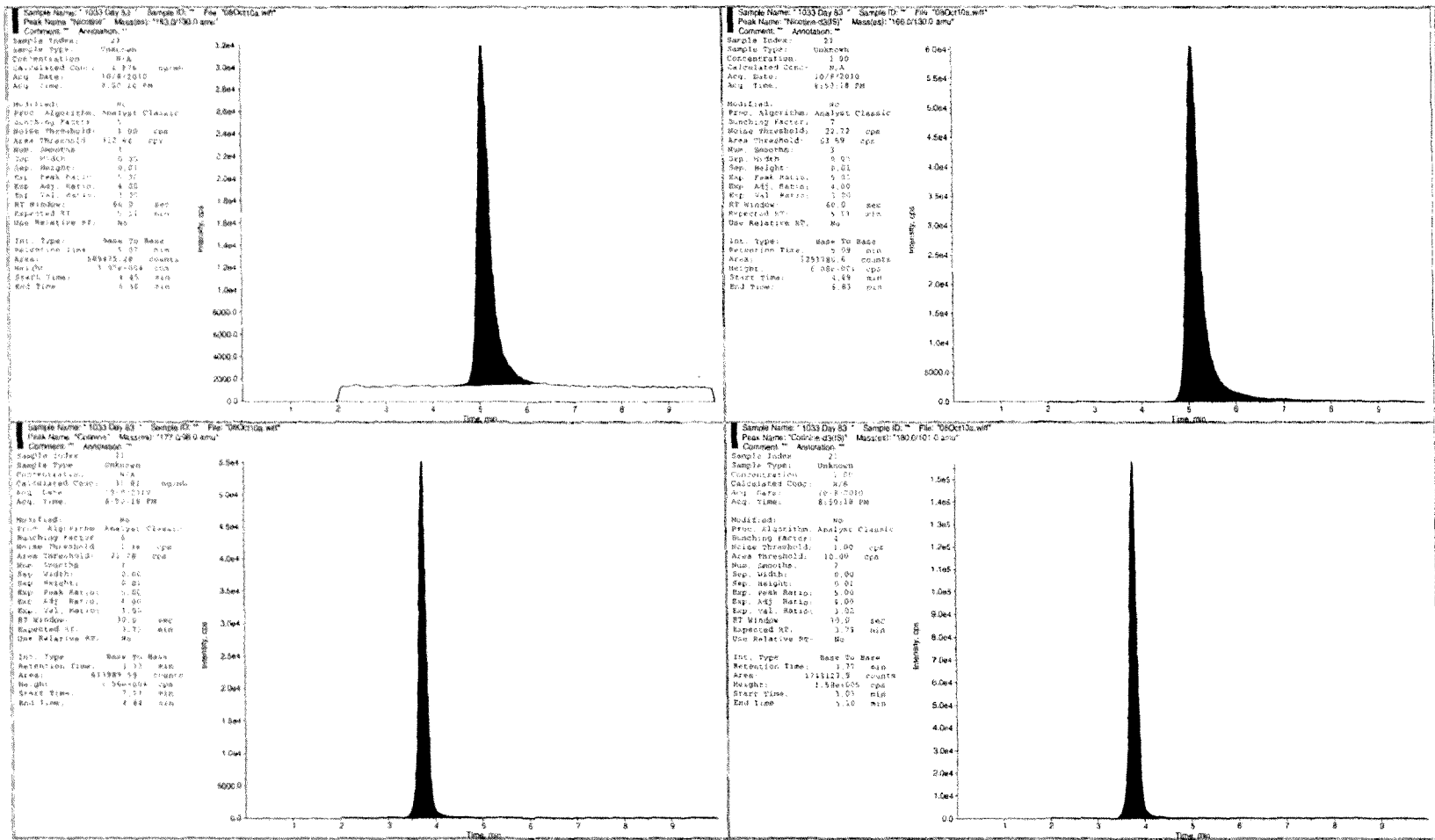


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:13 AM

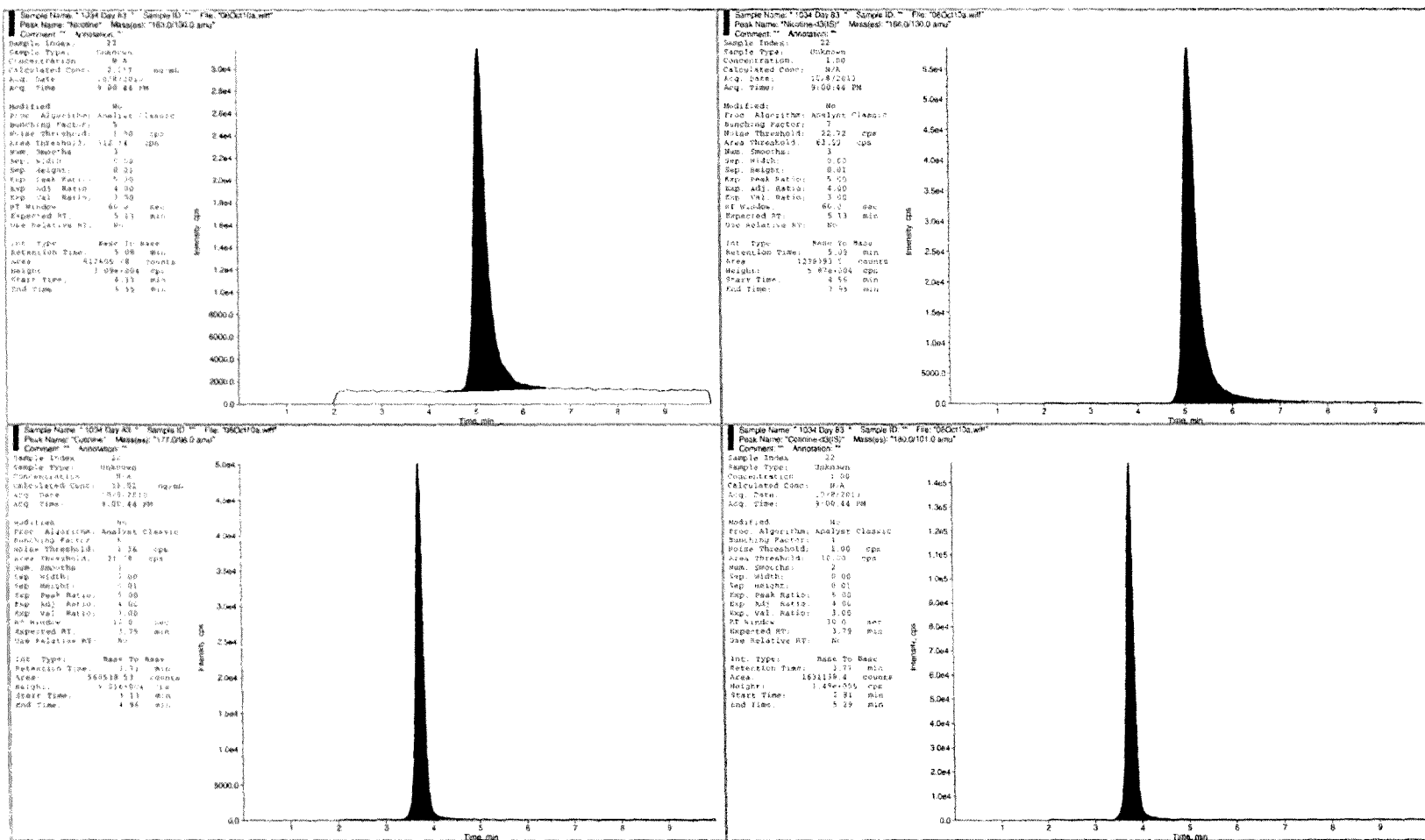


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:14 AM

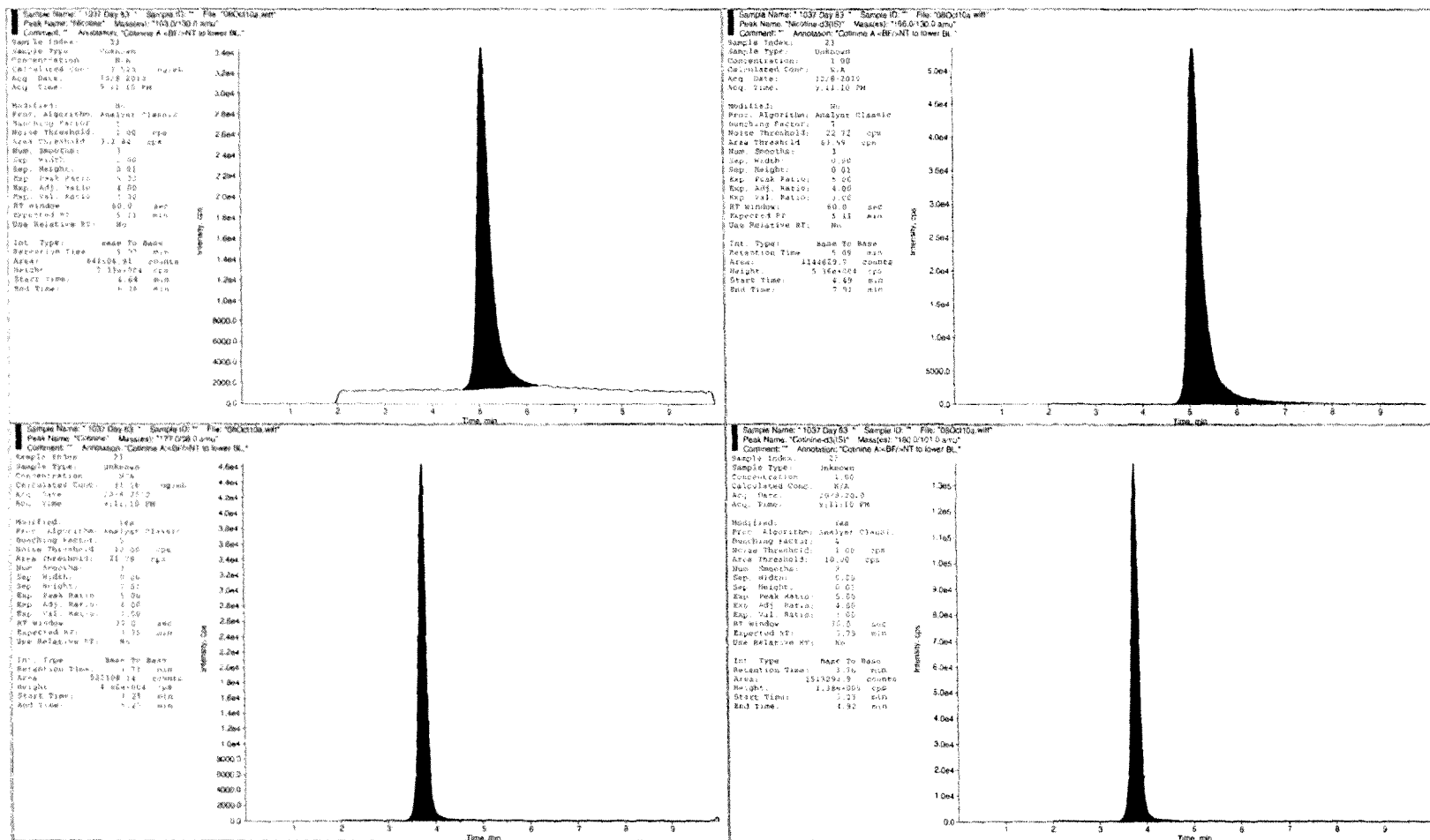


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Project: CN49730G Nicotine Pat AG00755503
Method Name: GR0ct10a.qm
Analyst Version: 1.4.2

Results Name: GR0ct10a.rdp

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:14 AM

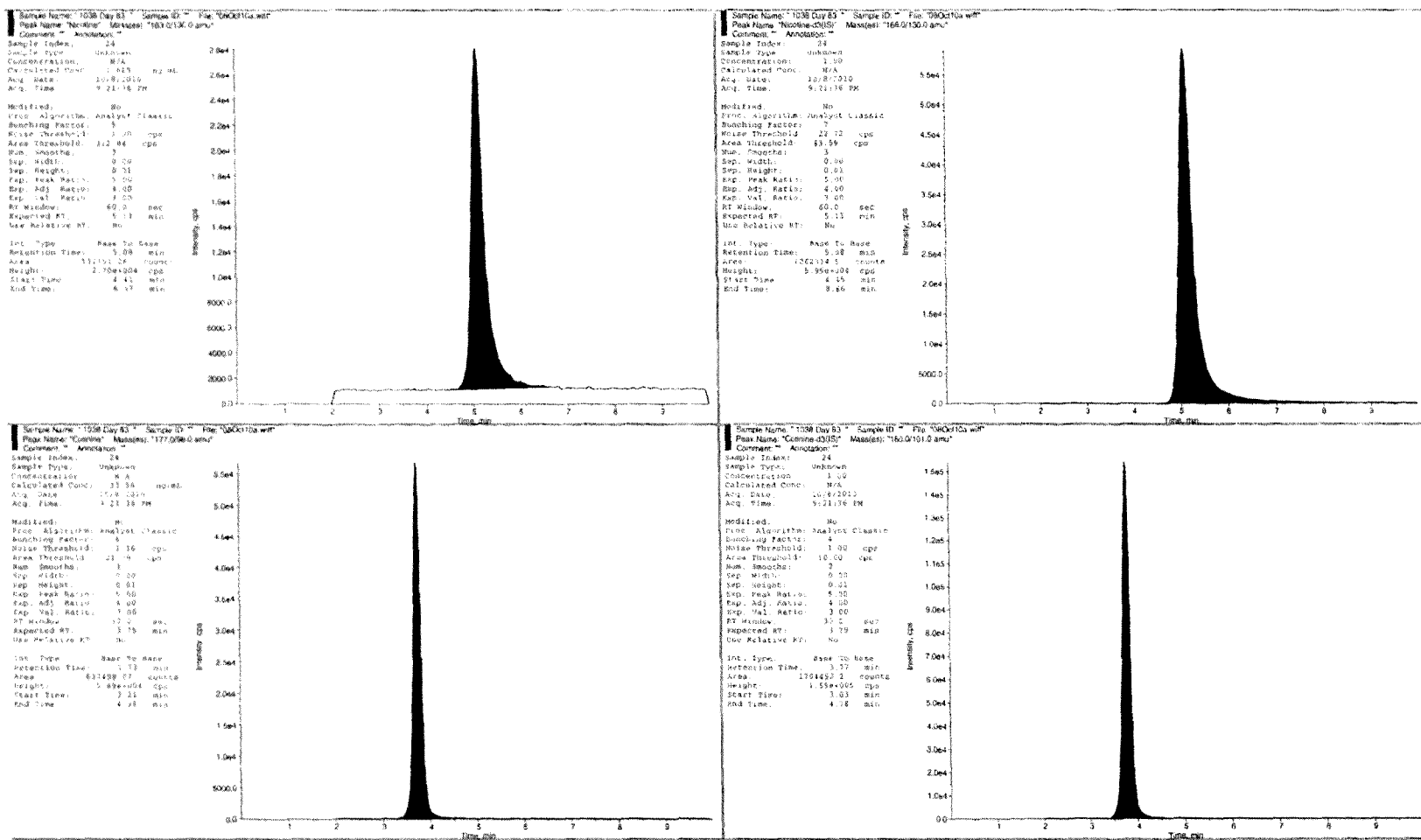


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Project: CN49730G Nicotine Rat A500750503
Method Name: 08Oct10a.qmr
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:14 AM

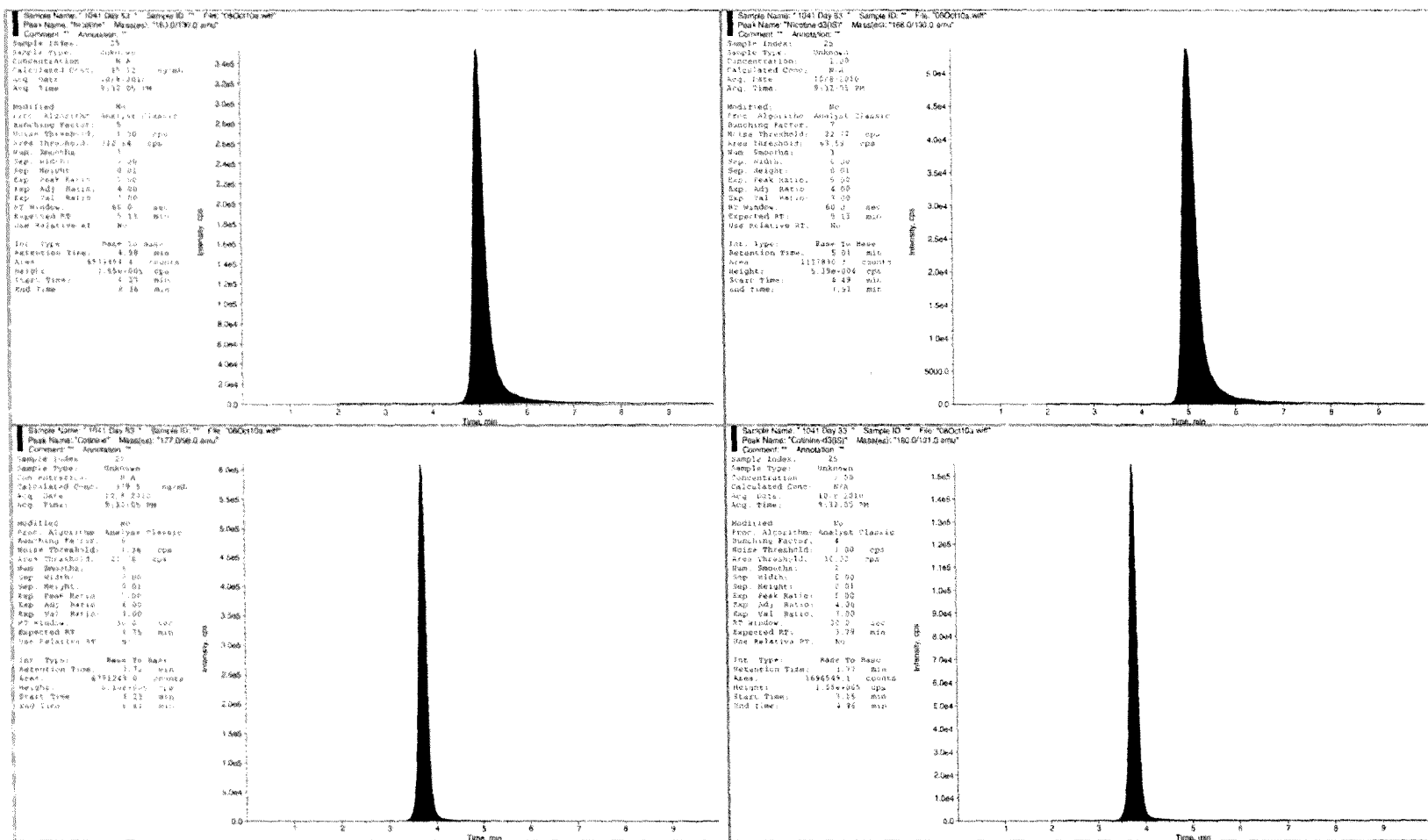


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmt
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:14 AM

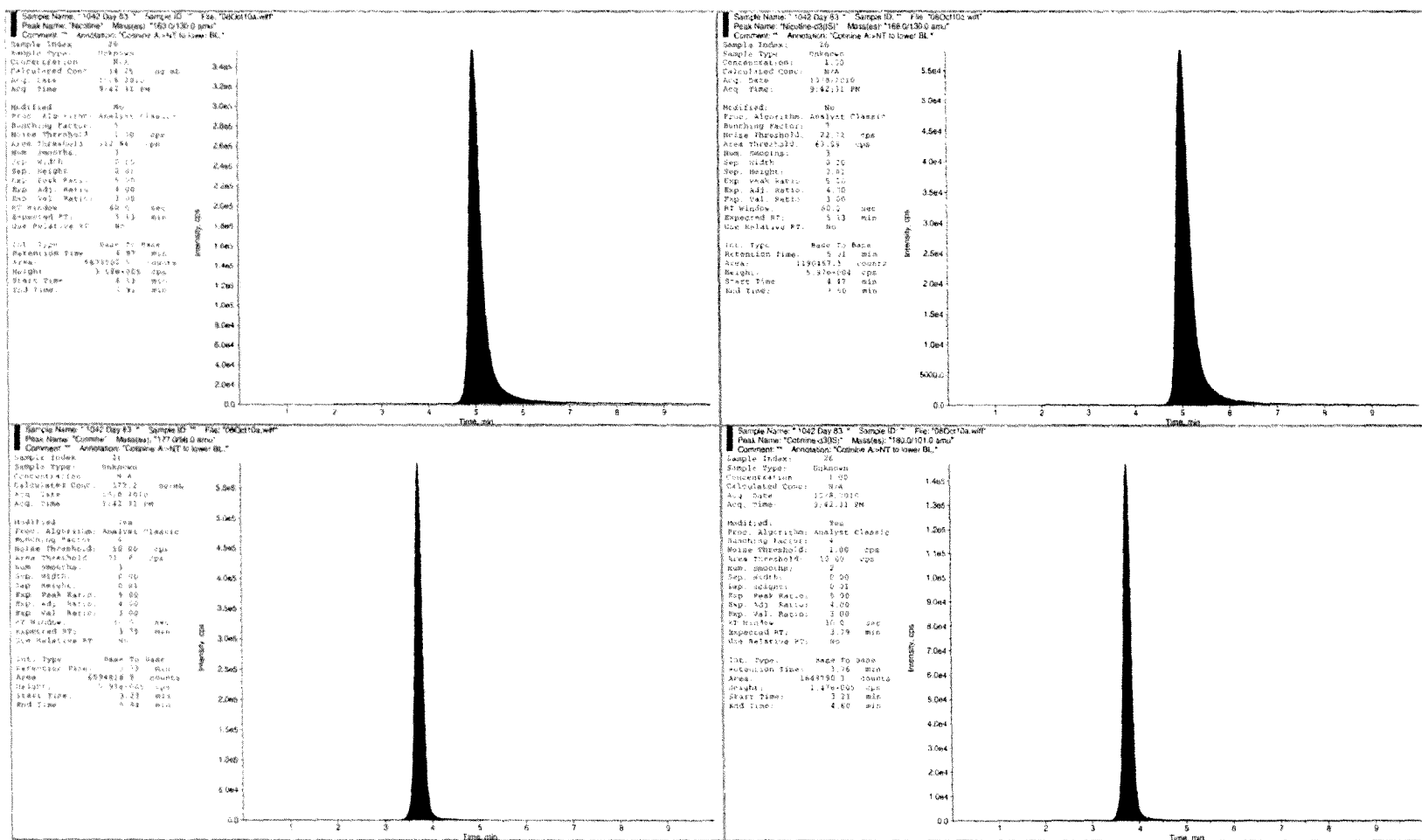


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Project: CN49730G Nicotine Rat AG00750503
Method Name: QN0ct10a.qmd
Analyst Version: 1.1.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:14 AM

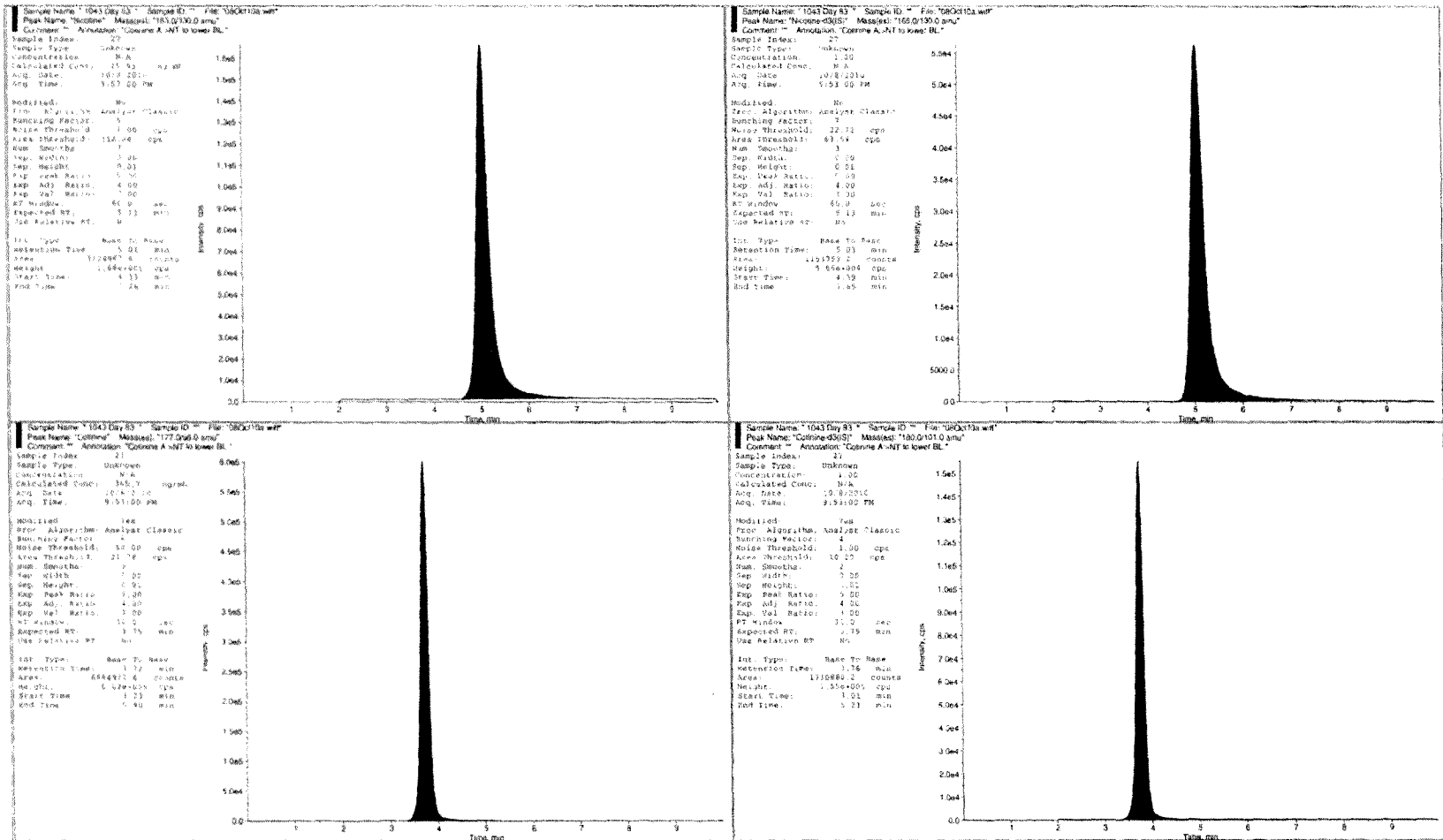


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Project: CN49730G Nicotine Rat AG09750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:15 AM

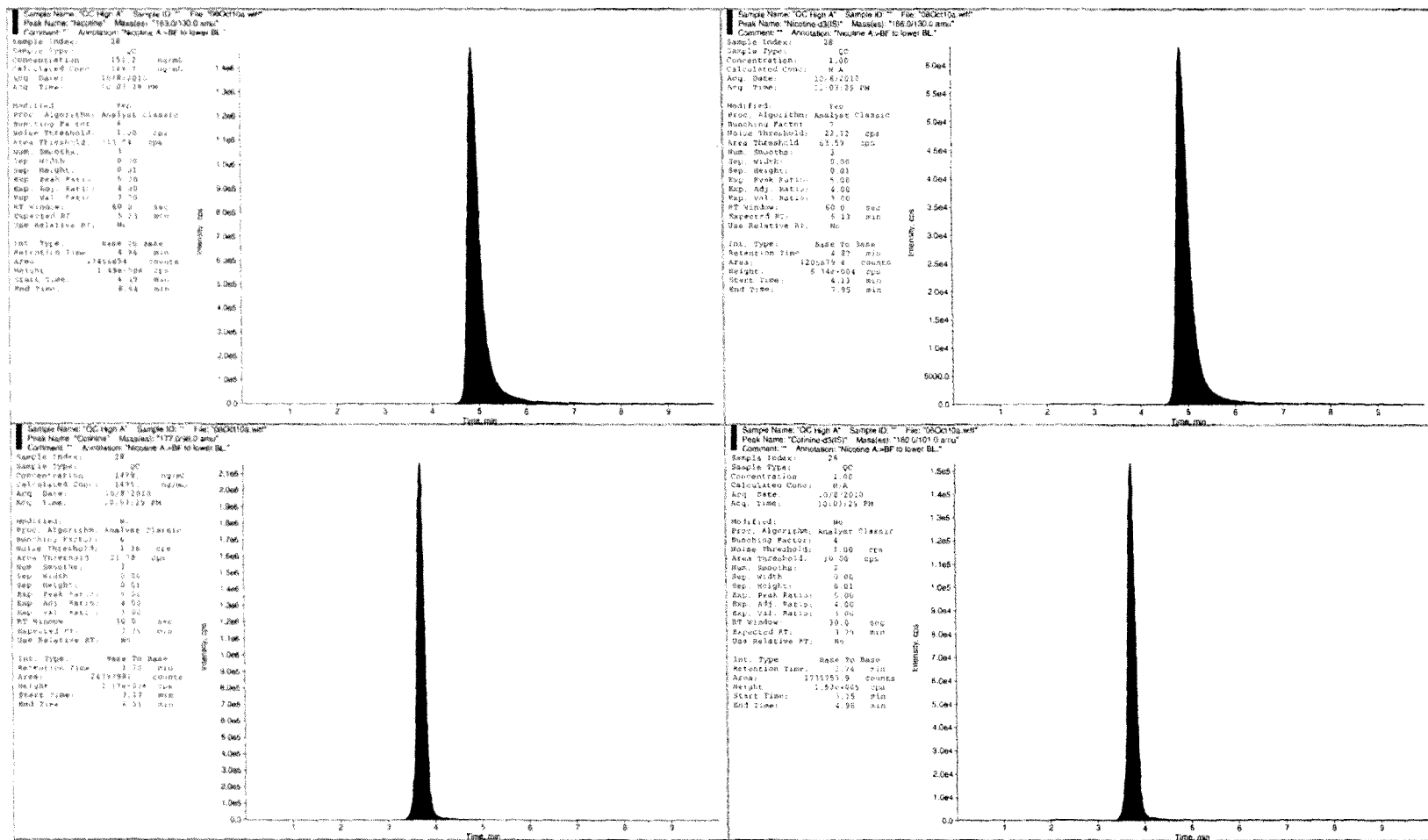


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:15 AM

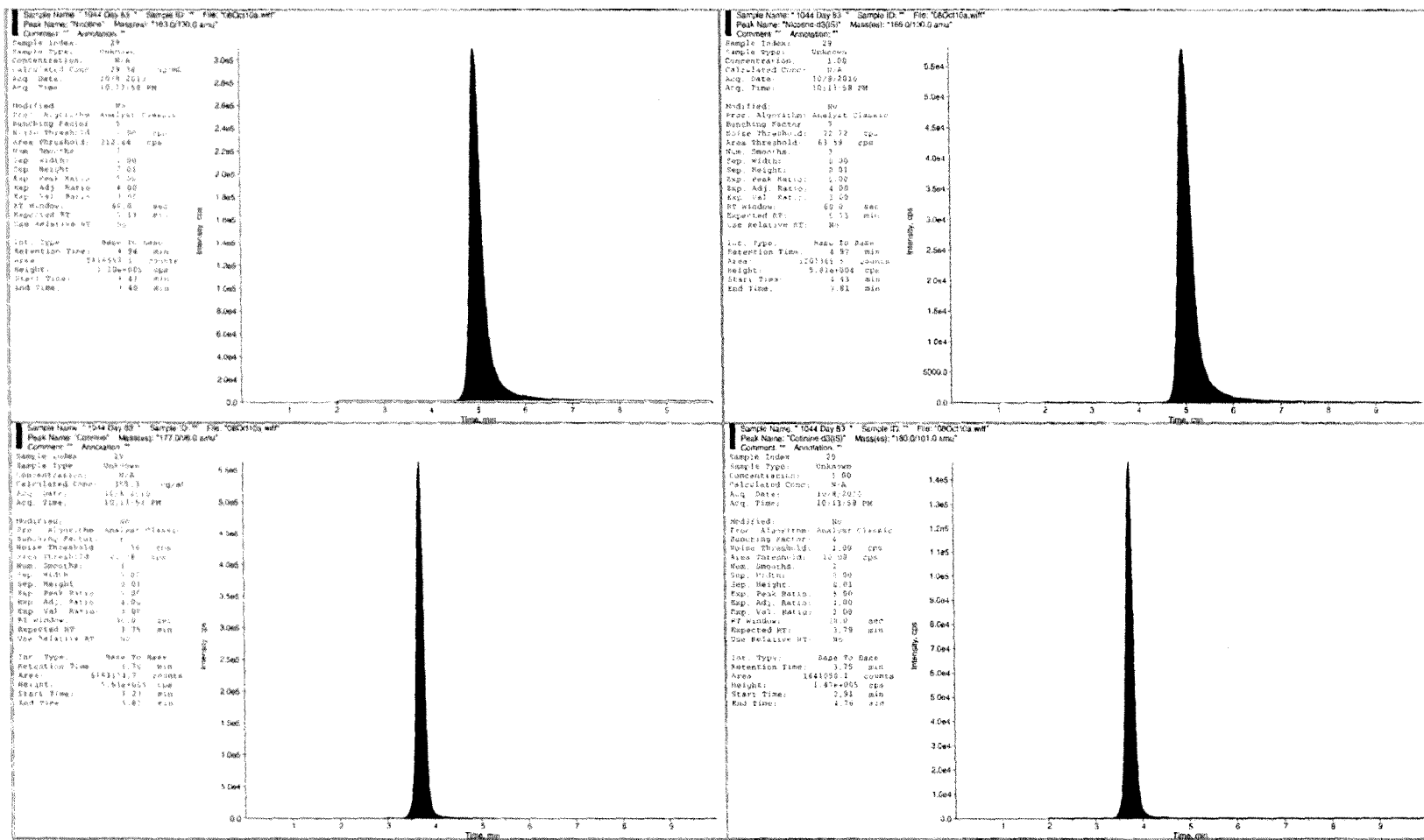


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmf
Analyst: Veronica: L.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:15 AM

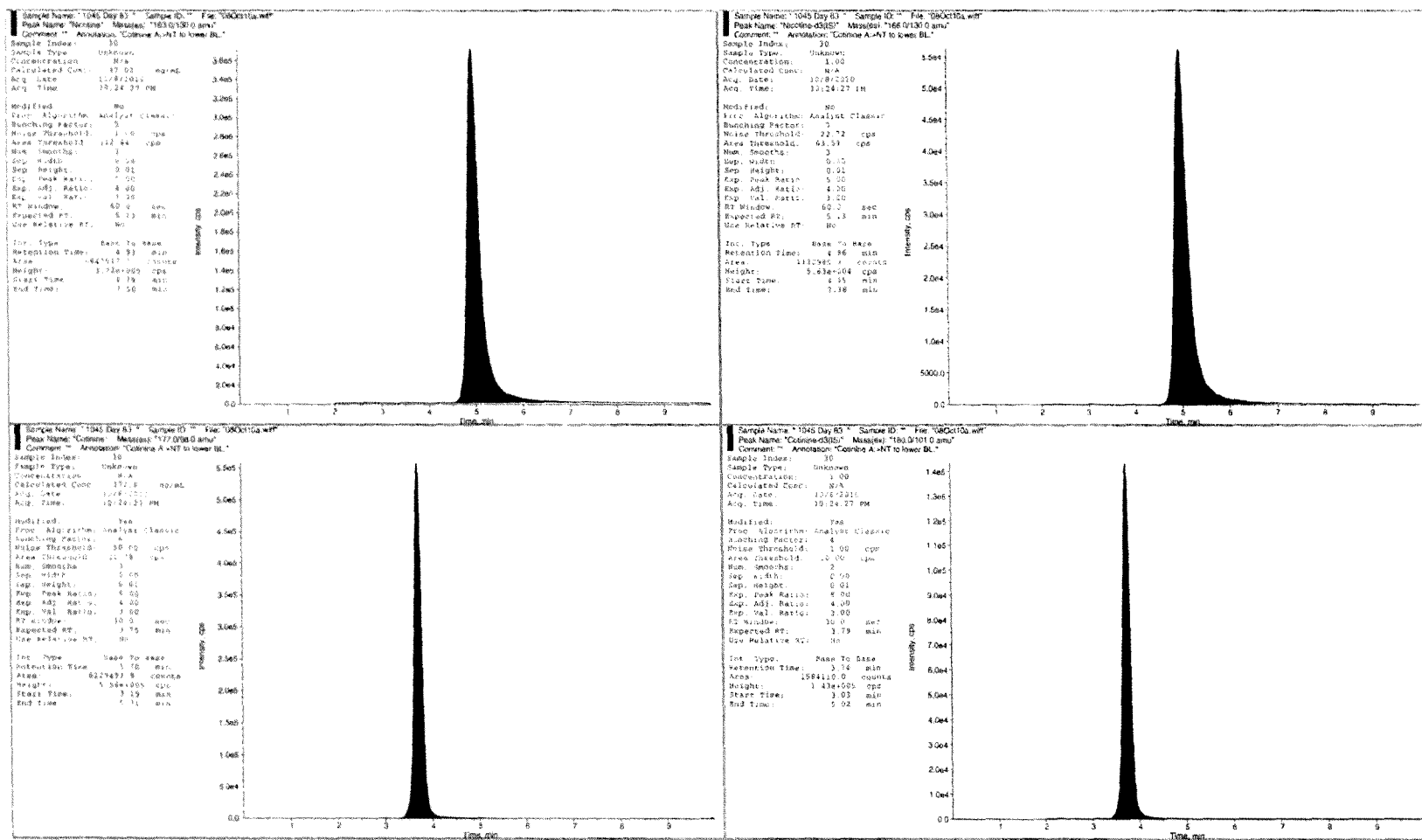


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Project: CN49730G Nicotine Rat A406750503
 Method Name: GH0ct10a.qmr
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:15 AM

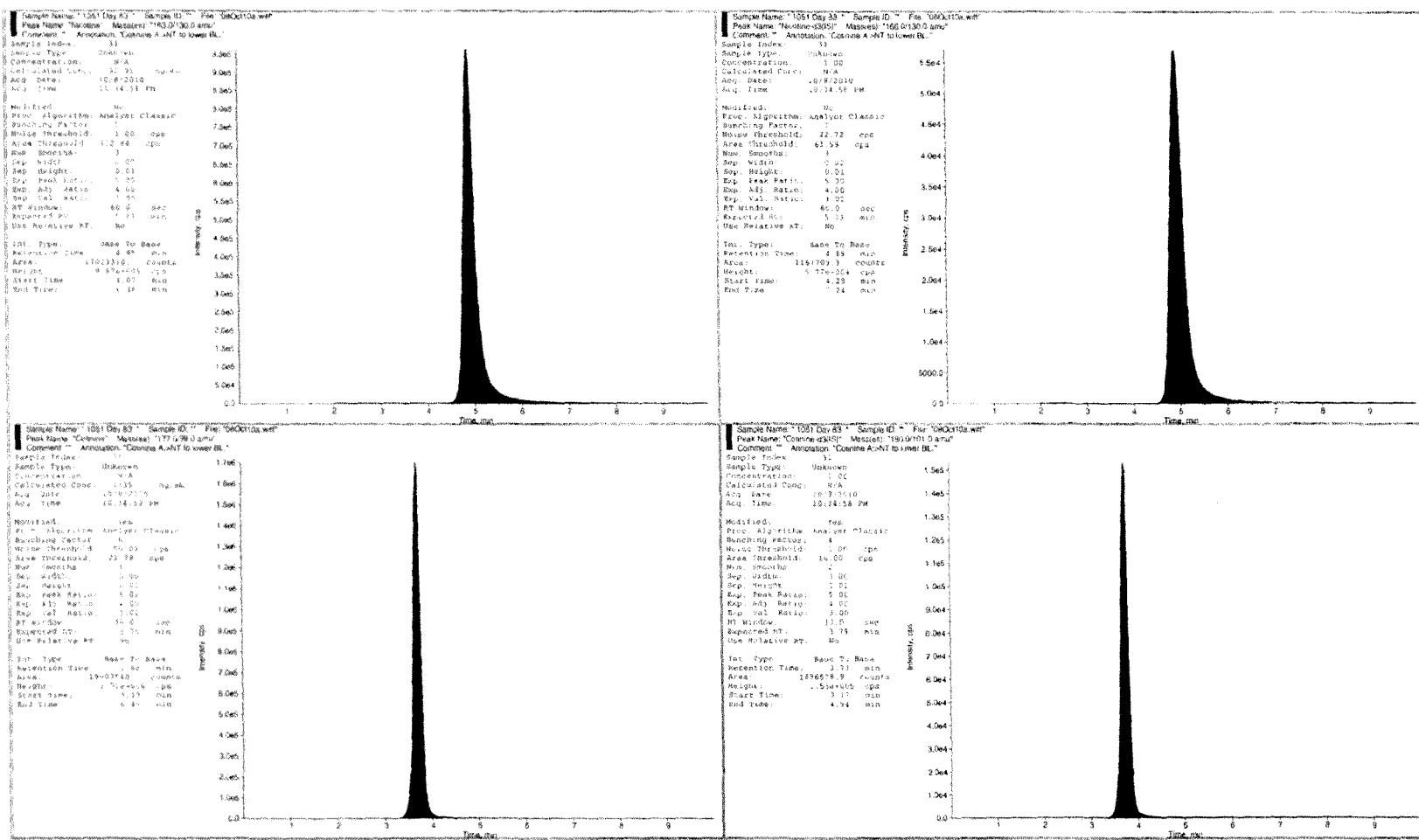


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Project: CN49730G Nicotine Rat AG99750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:16 AM

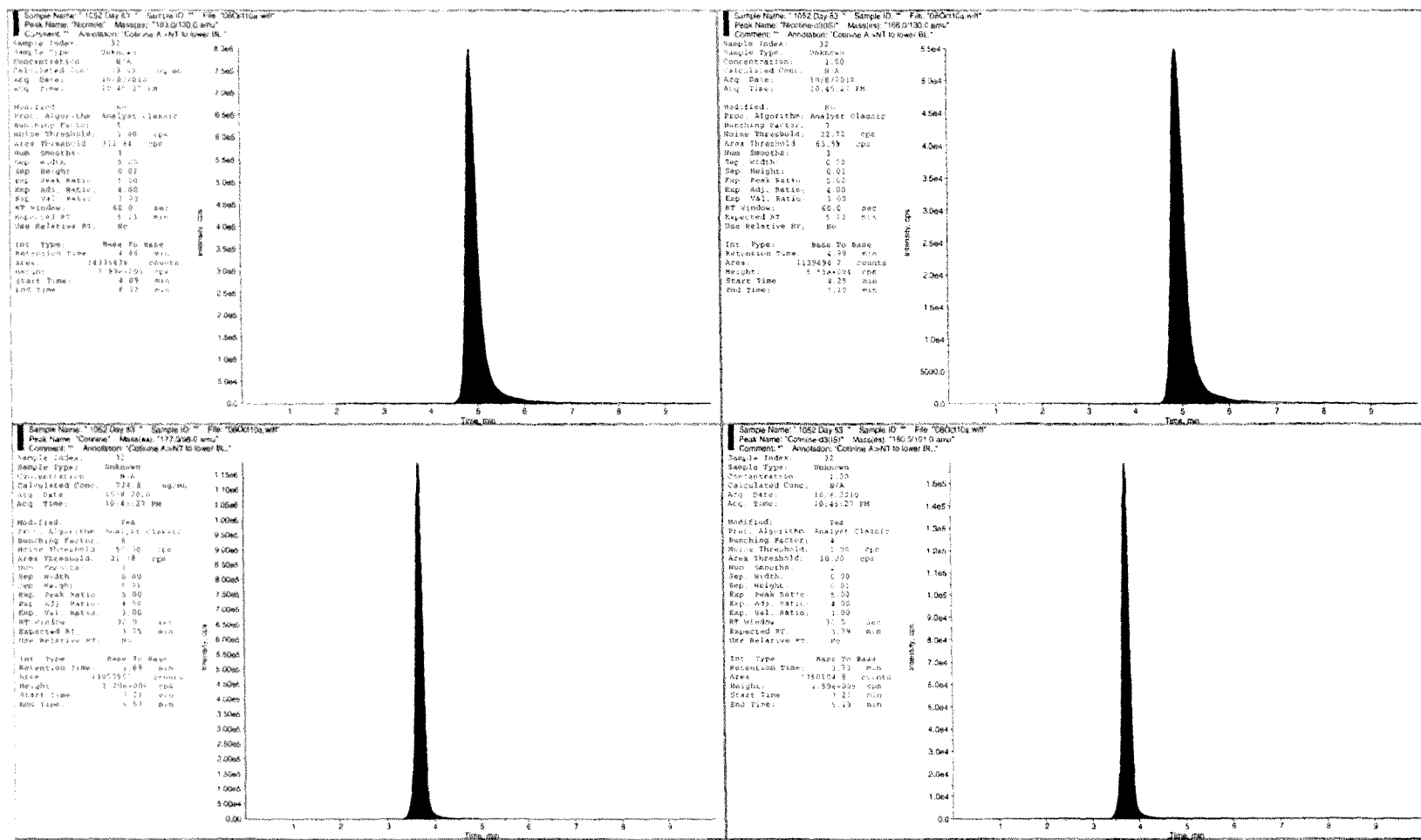


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qm#
 Analyst Version: 1.1.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christine
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:16 AM

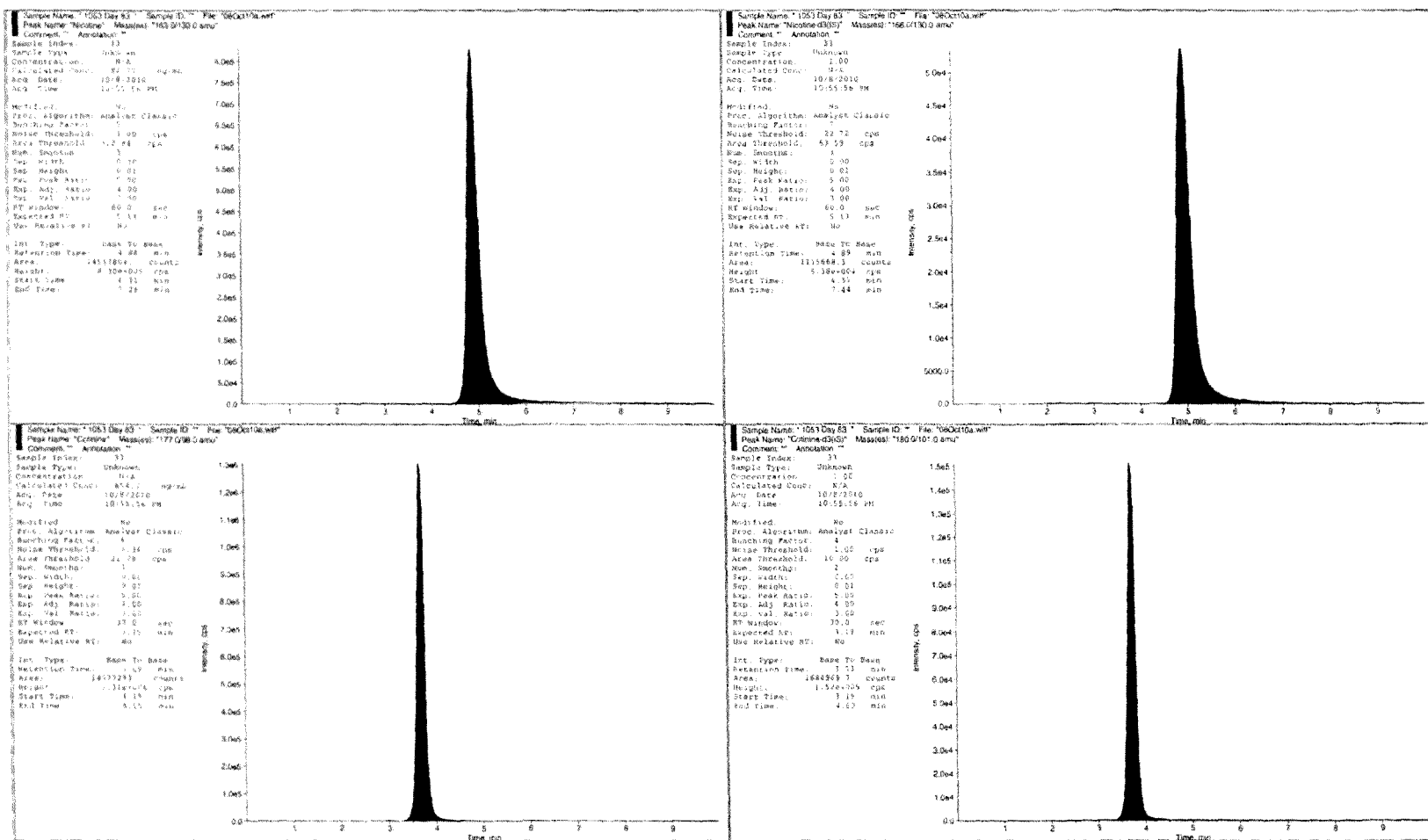


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:16 AM

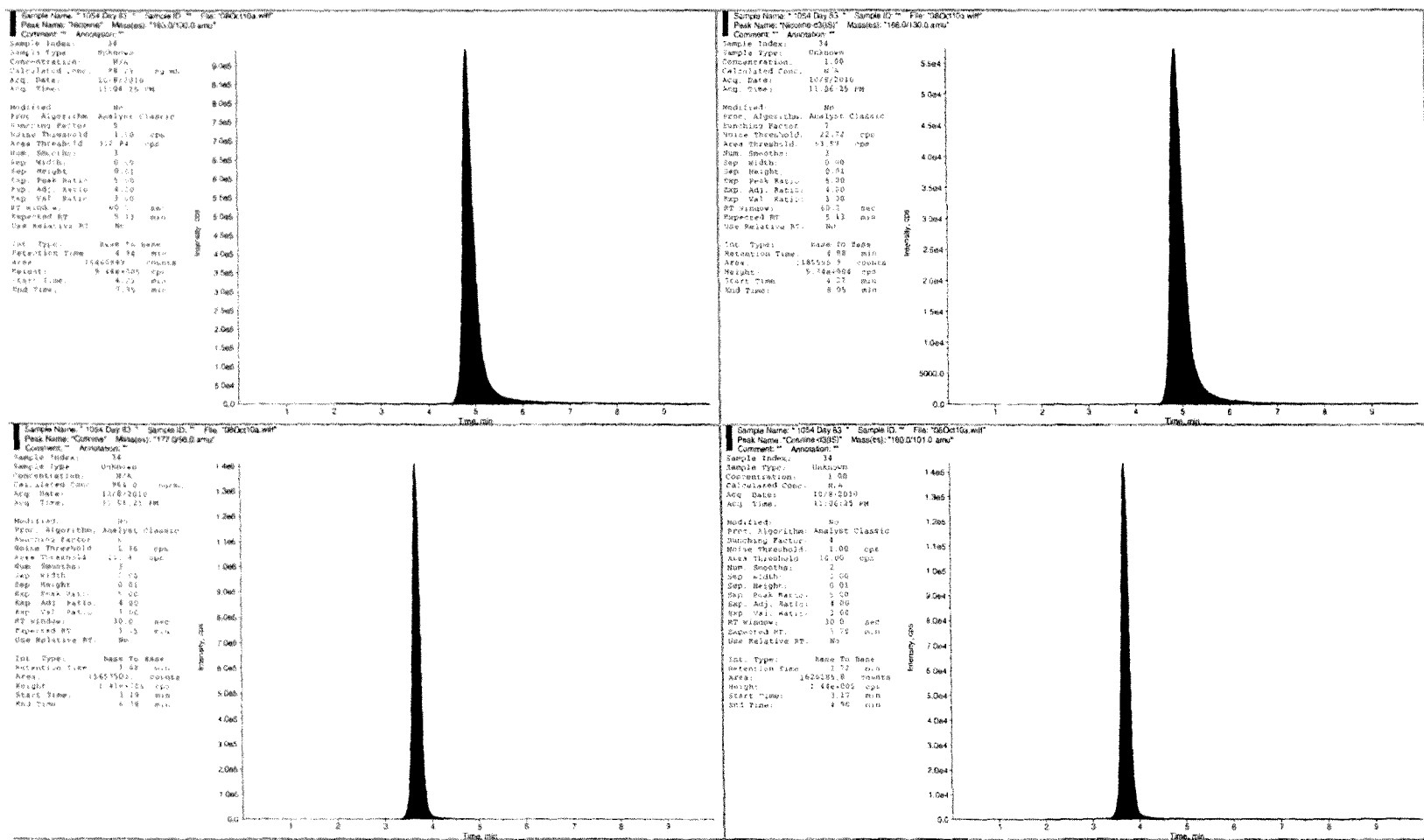


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:16 AM

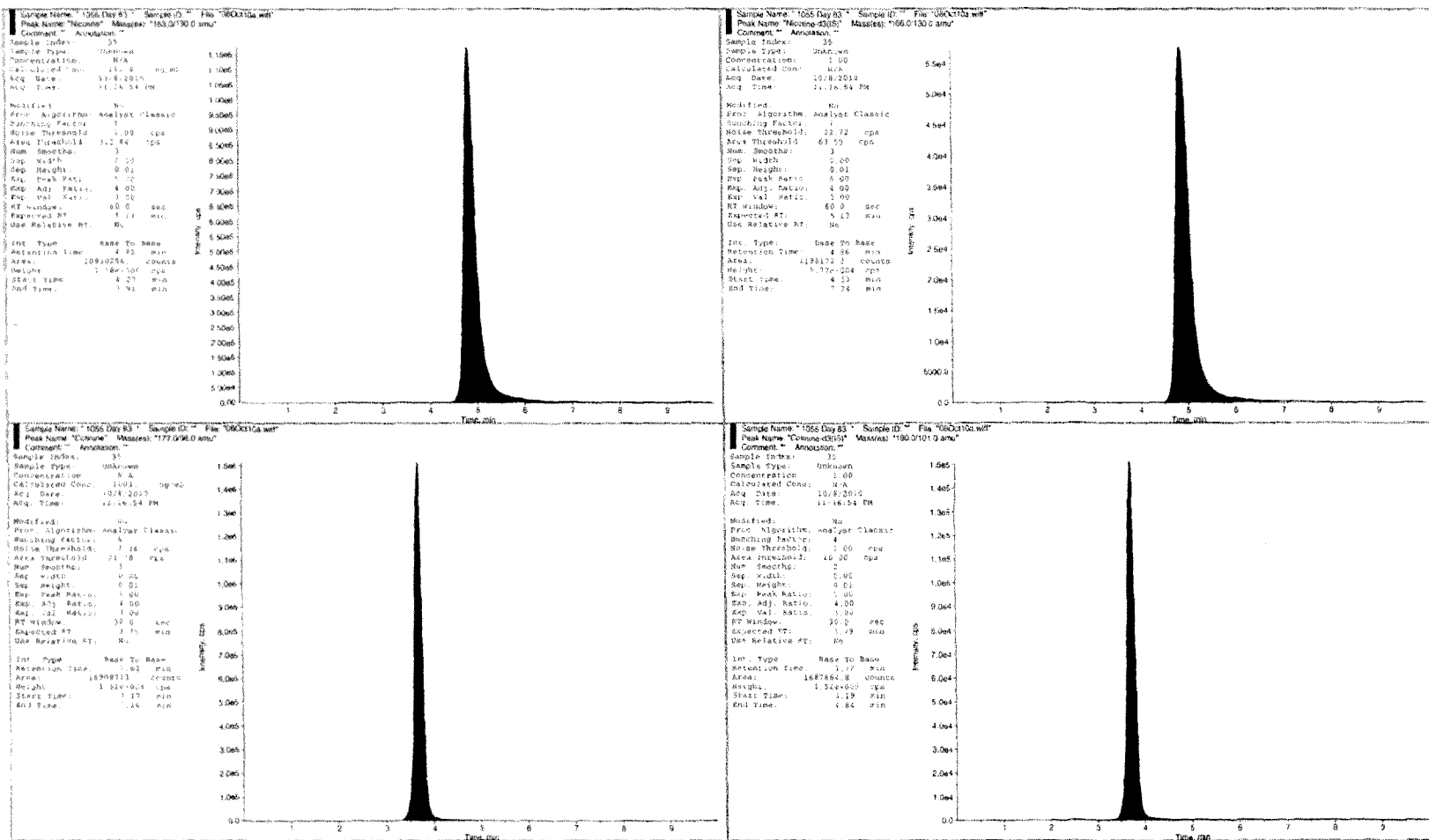


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmt
Analyt Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:17 AM

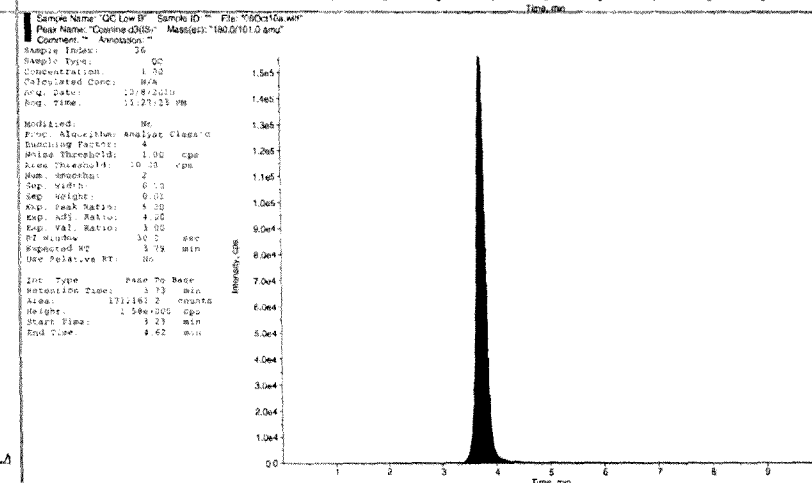
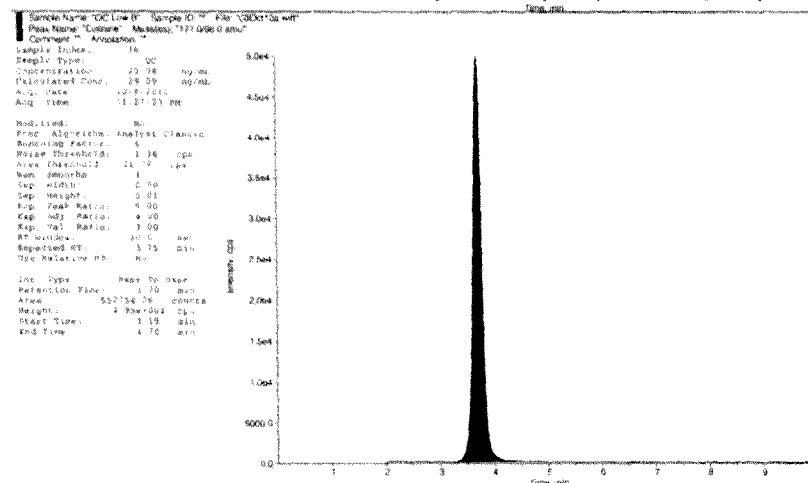
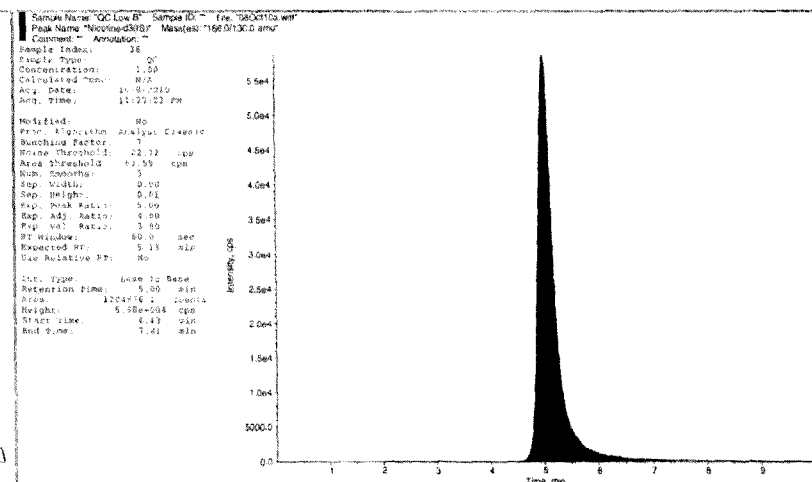
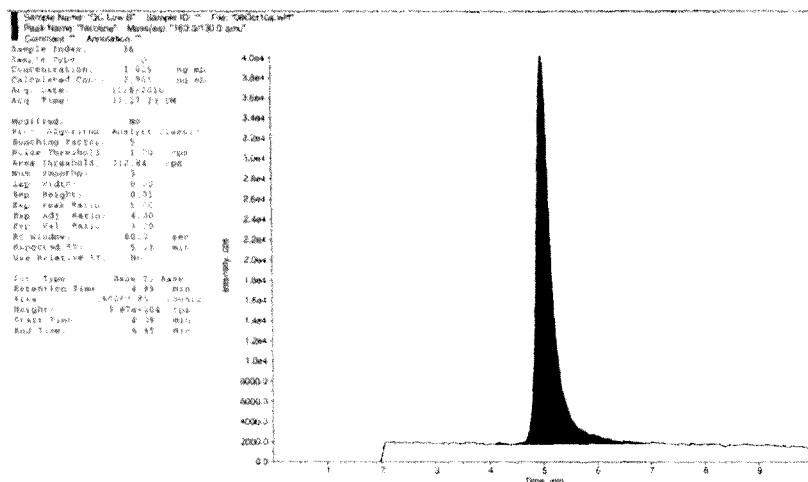


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: GC00110a.qmt
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:17 AM

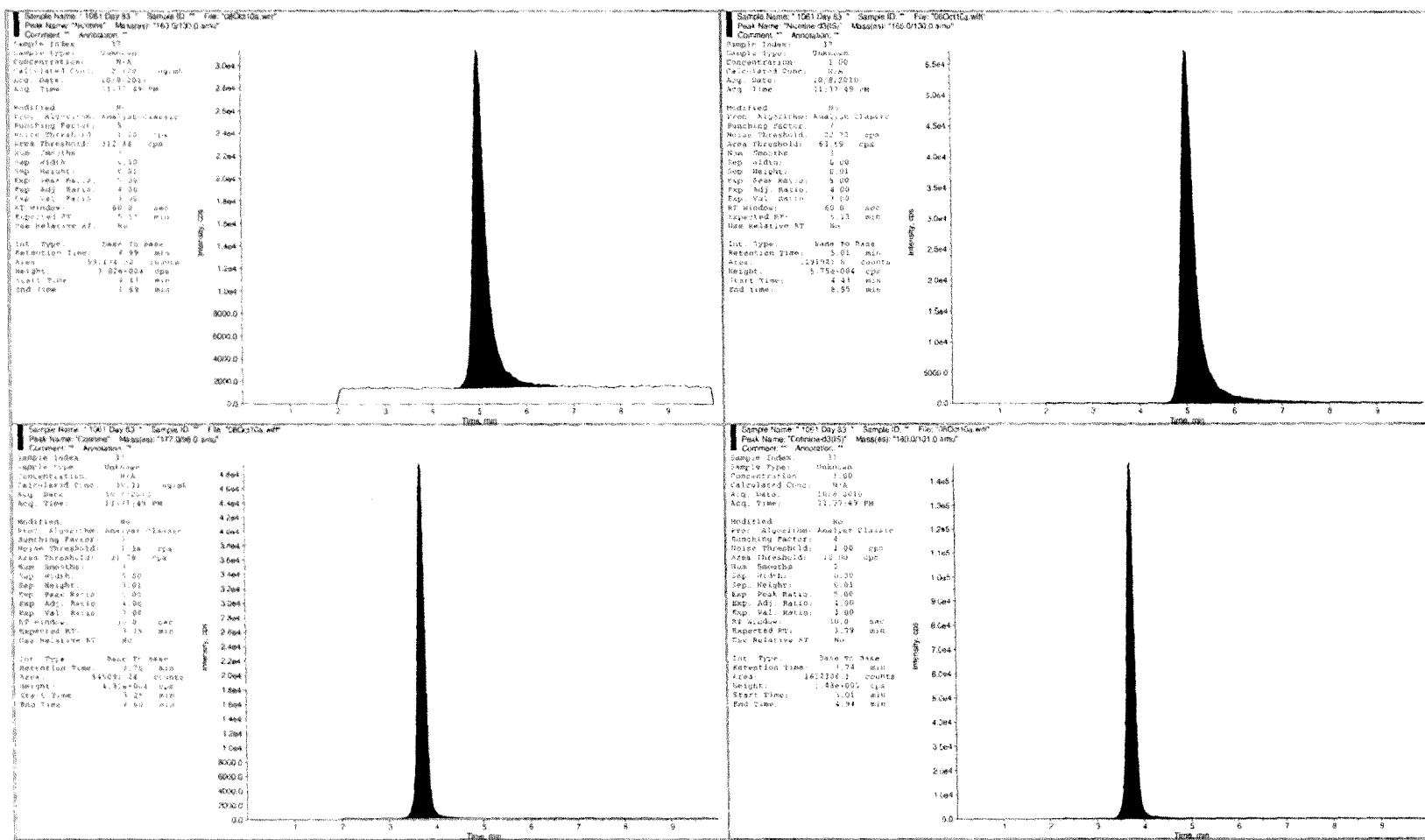


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Project: CN49730G Nicotine Ret AG00750503
Method Name: 08Oct10a.qm1
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:17 AM

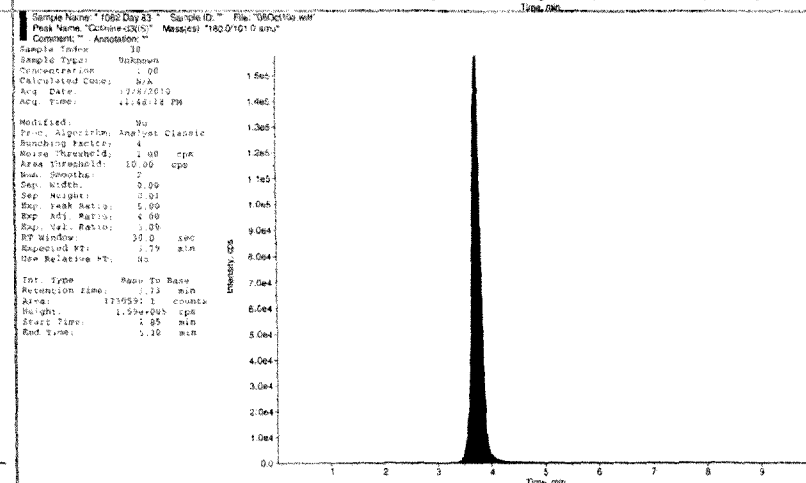
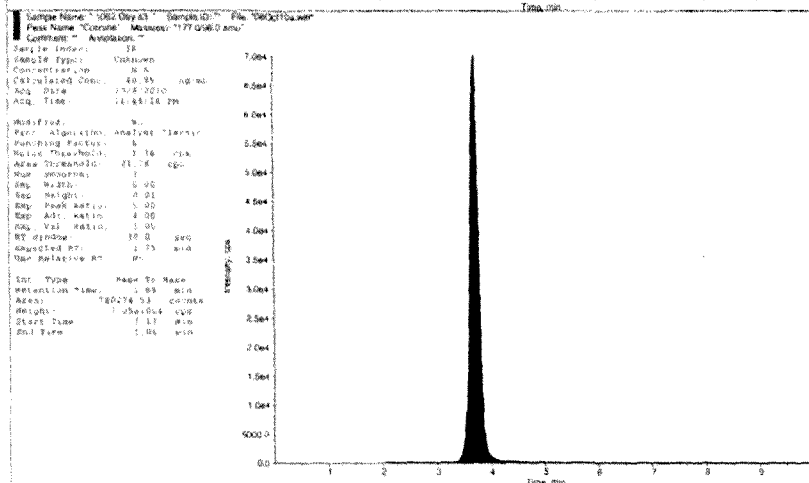
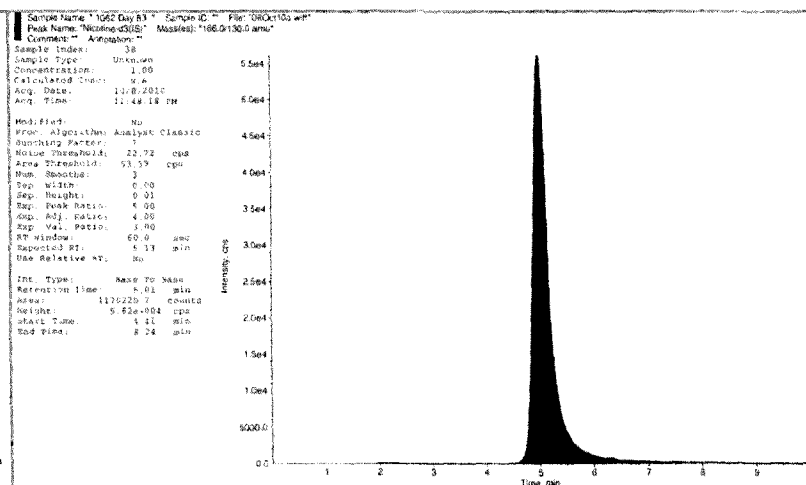
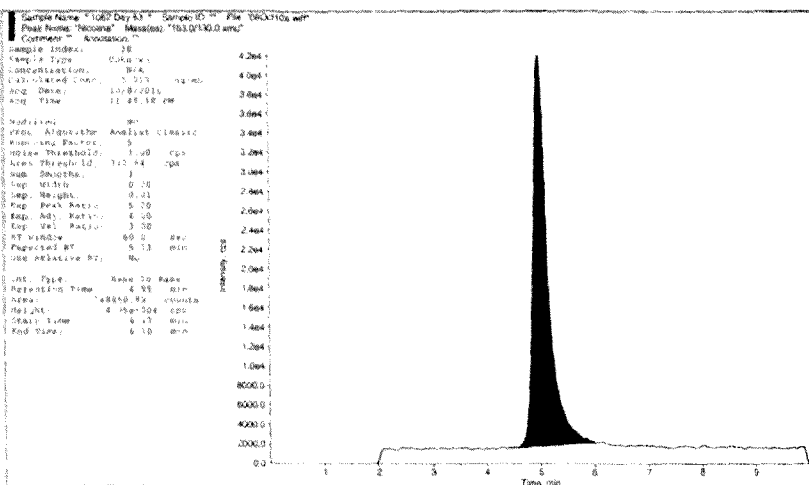


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Project: CN49730G Nicotine Rat AG00750593
Method Name: 08Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:17 AM

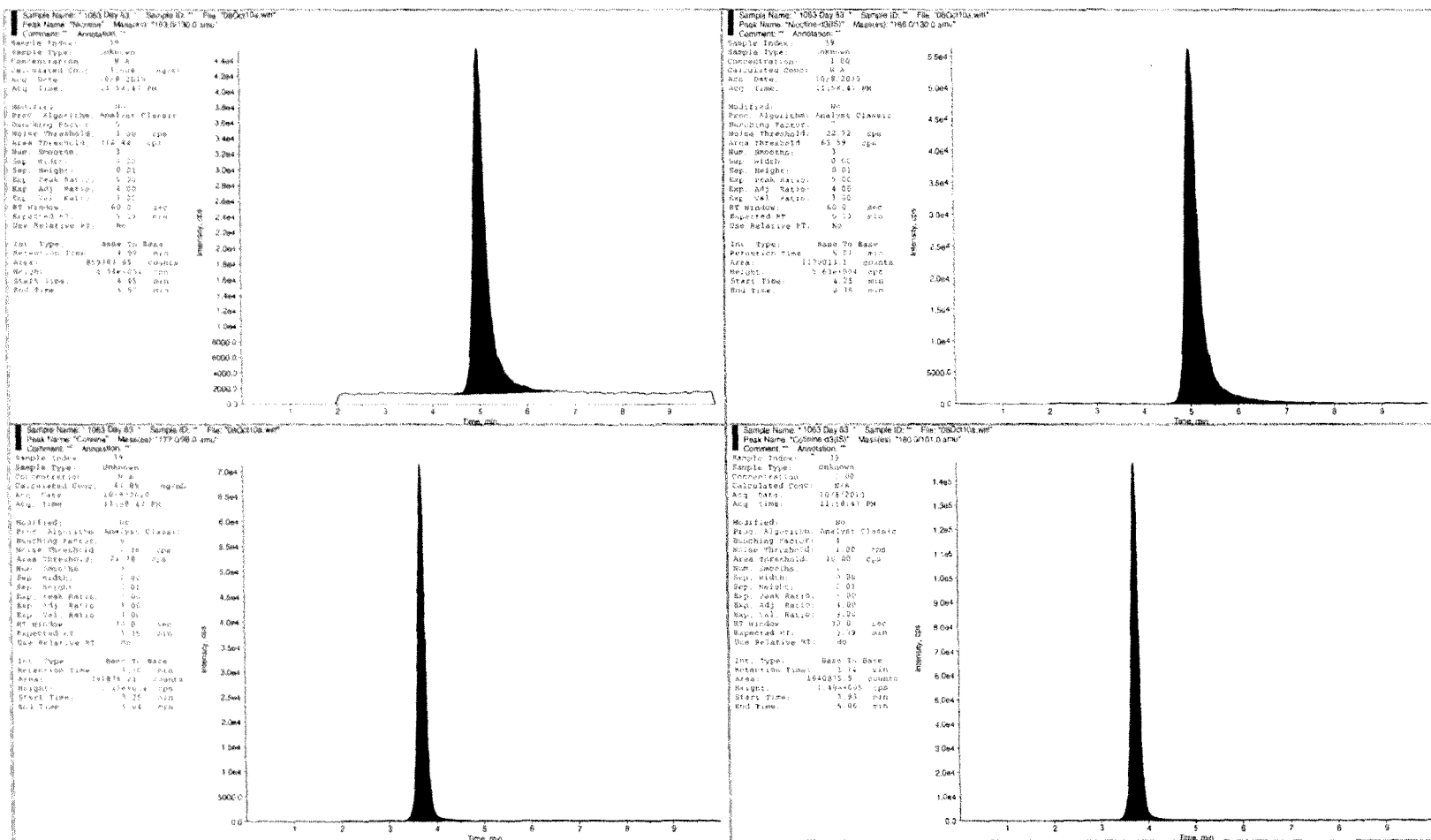


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: OROct10a.qmf
 Analyst Version: 1.4.2

Results Name: OROct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:18 AM

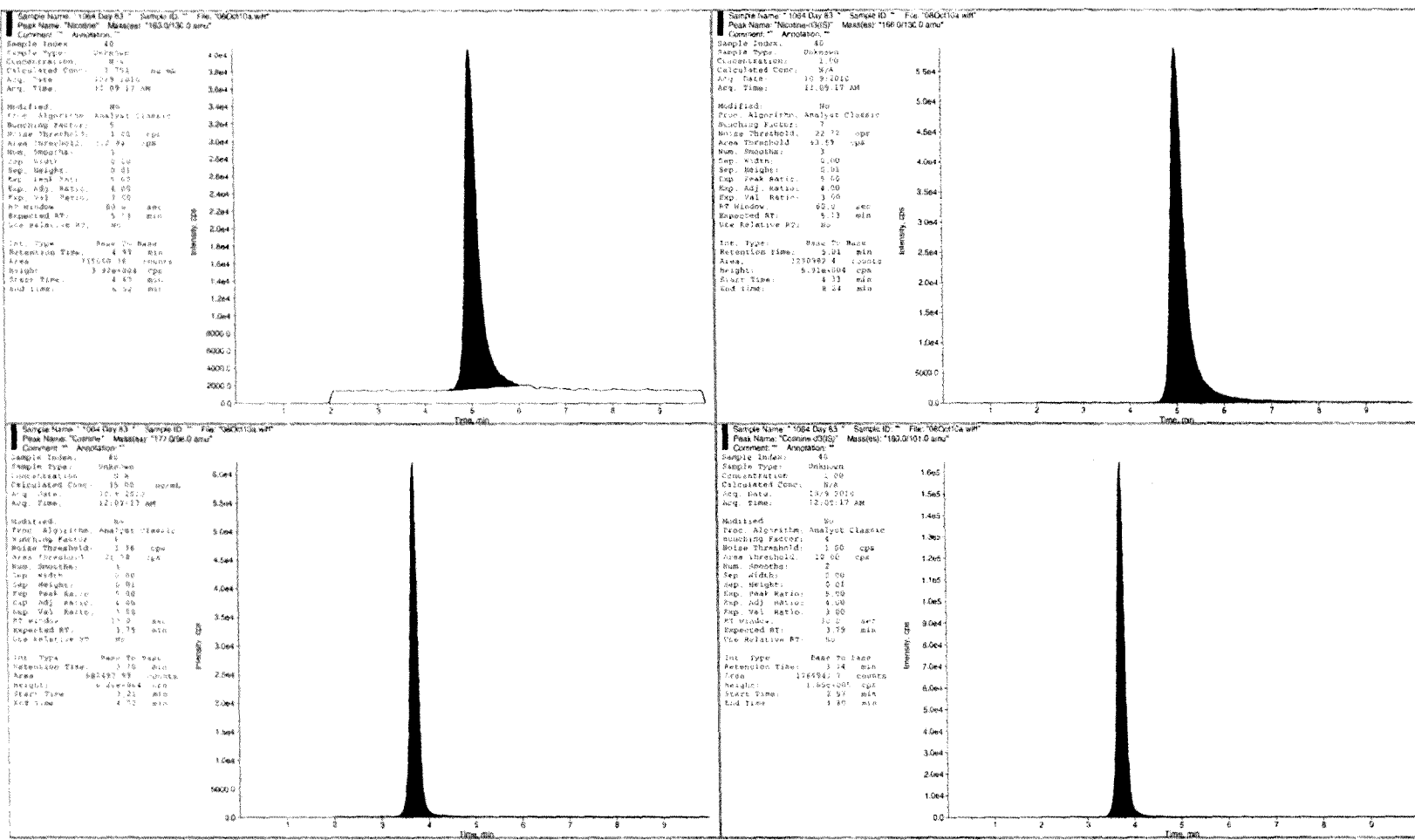


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:18 AM

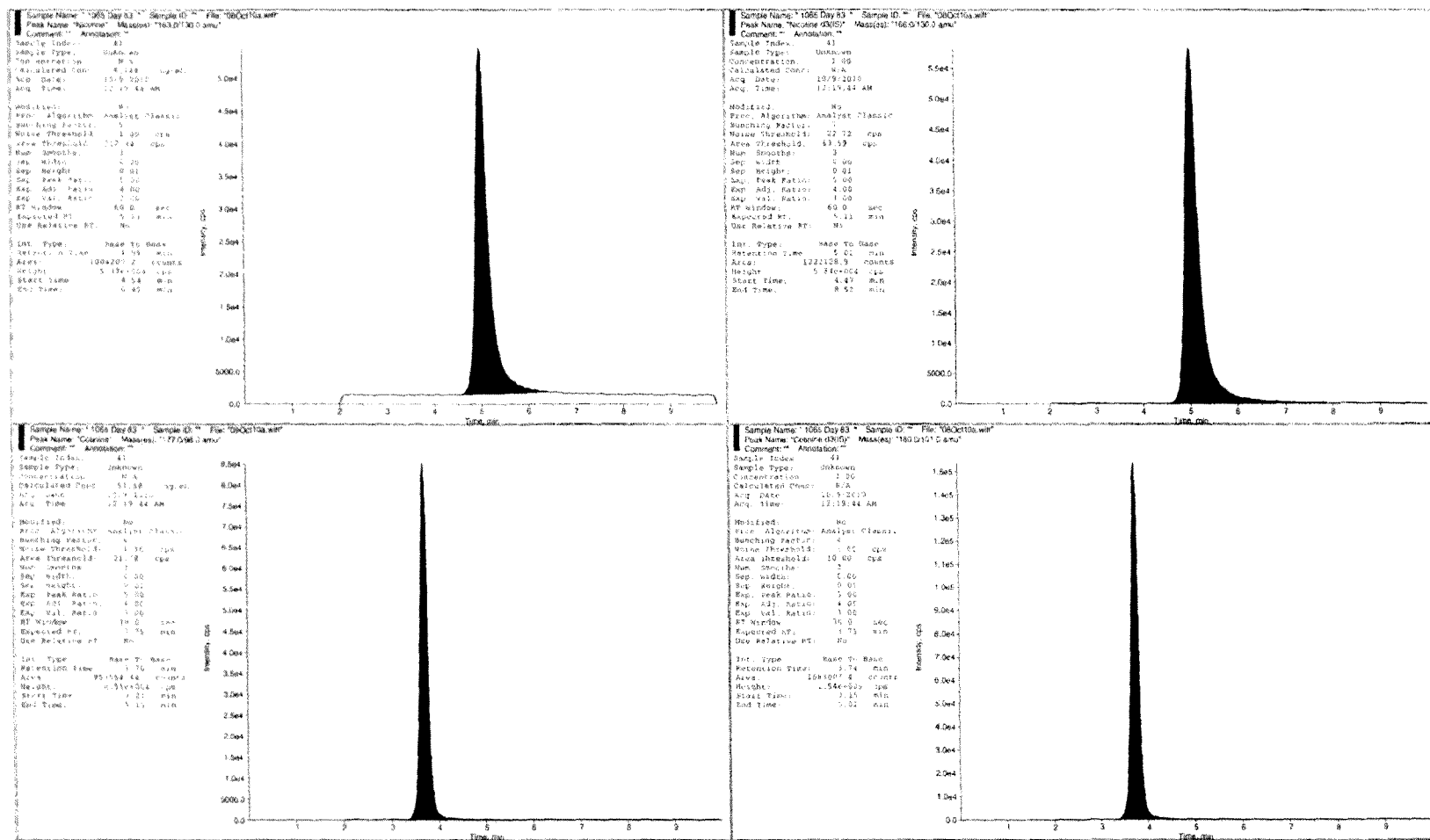


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Project: CN49730G Nicotine Rat AG00759503
Method Name: 08Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:18 AM

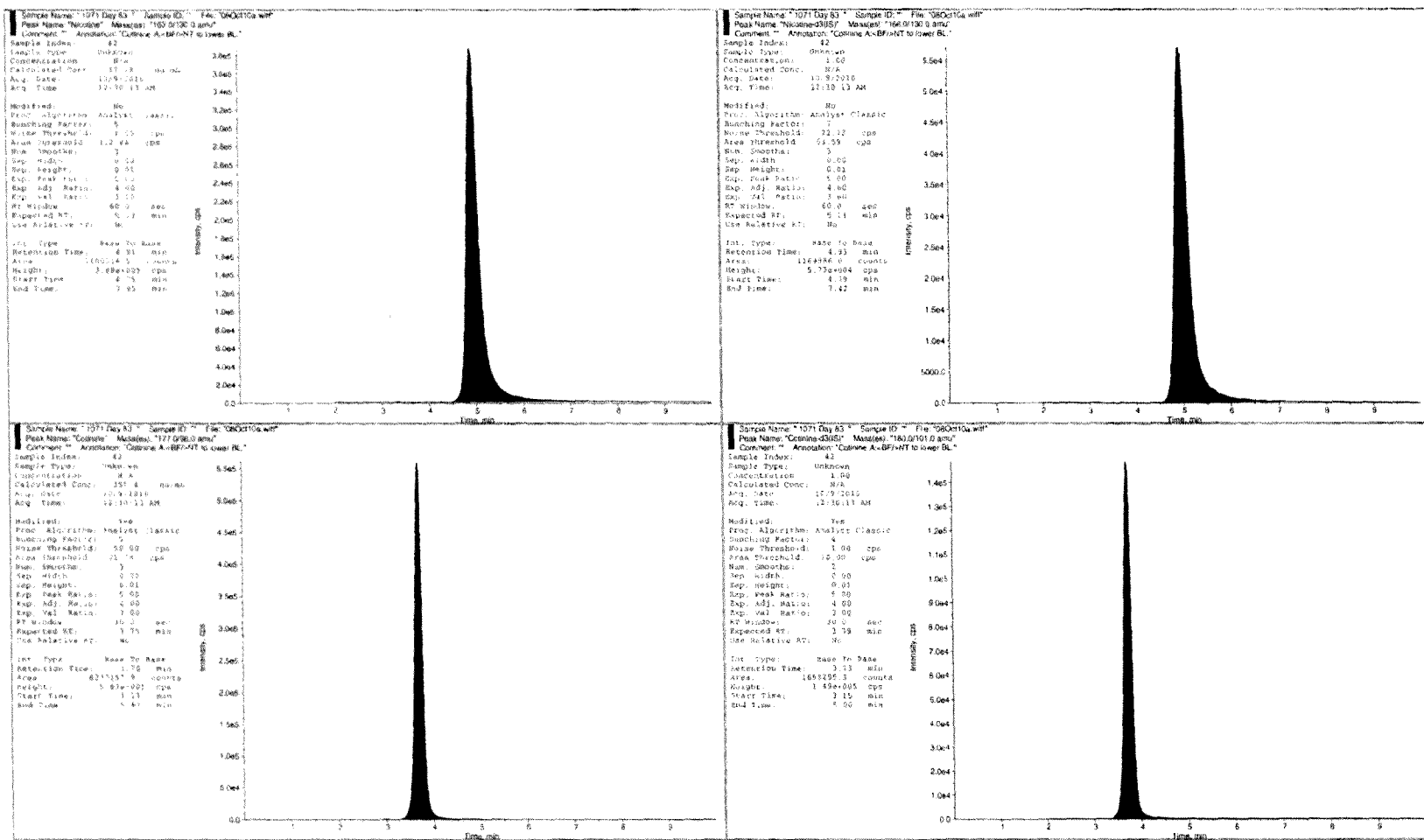


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:18 AM

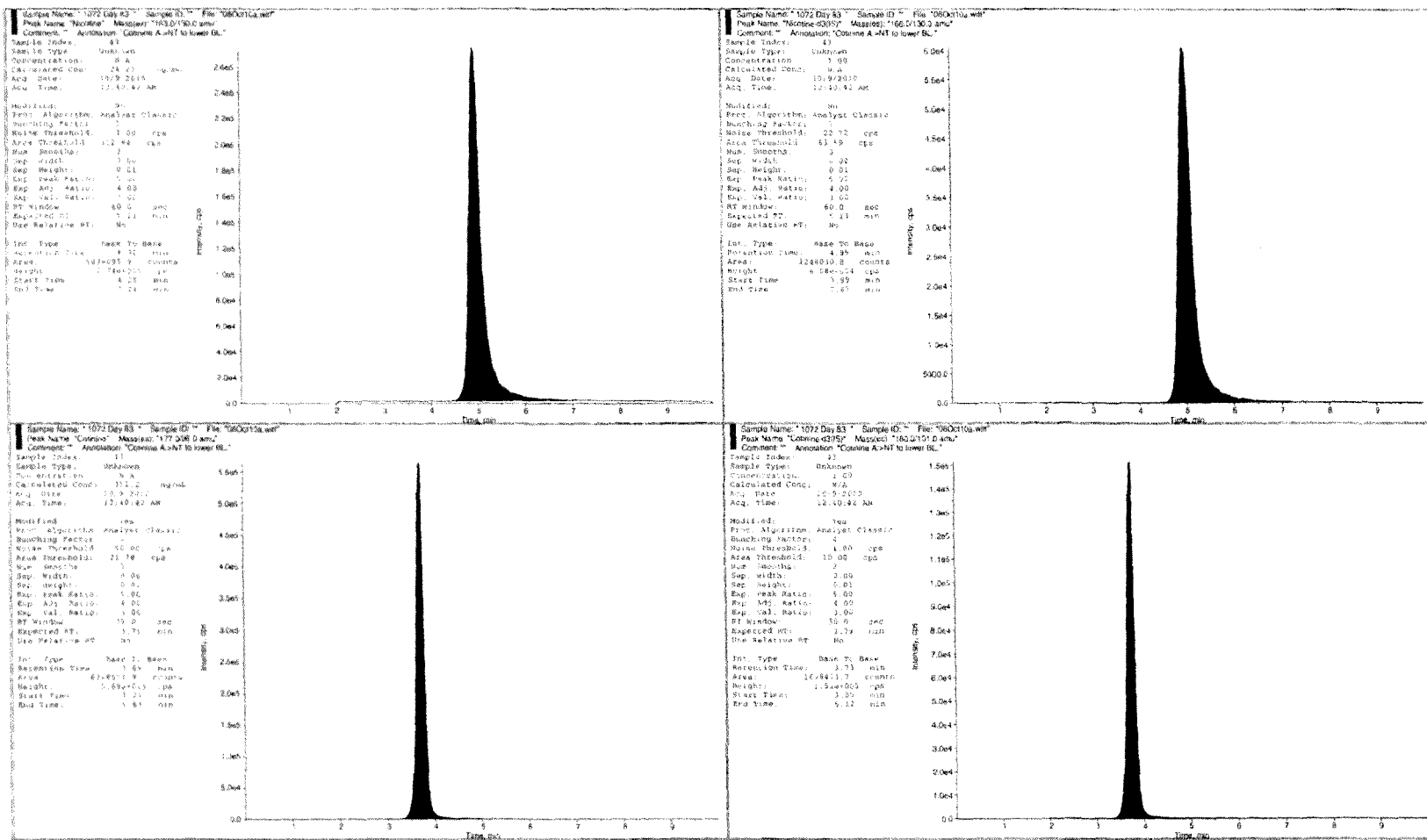


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Project: CN49730G Nicotine Rat AC06750503
Method Name: GR0ct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:18 AM

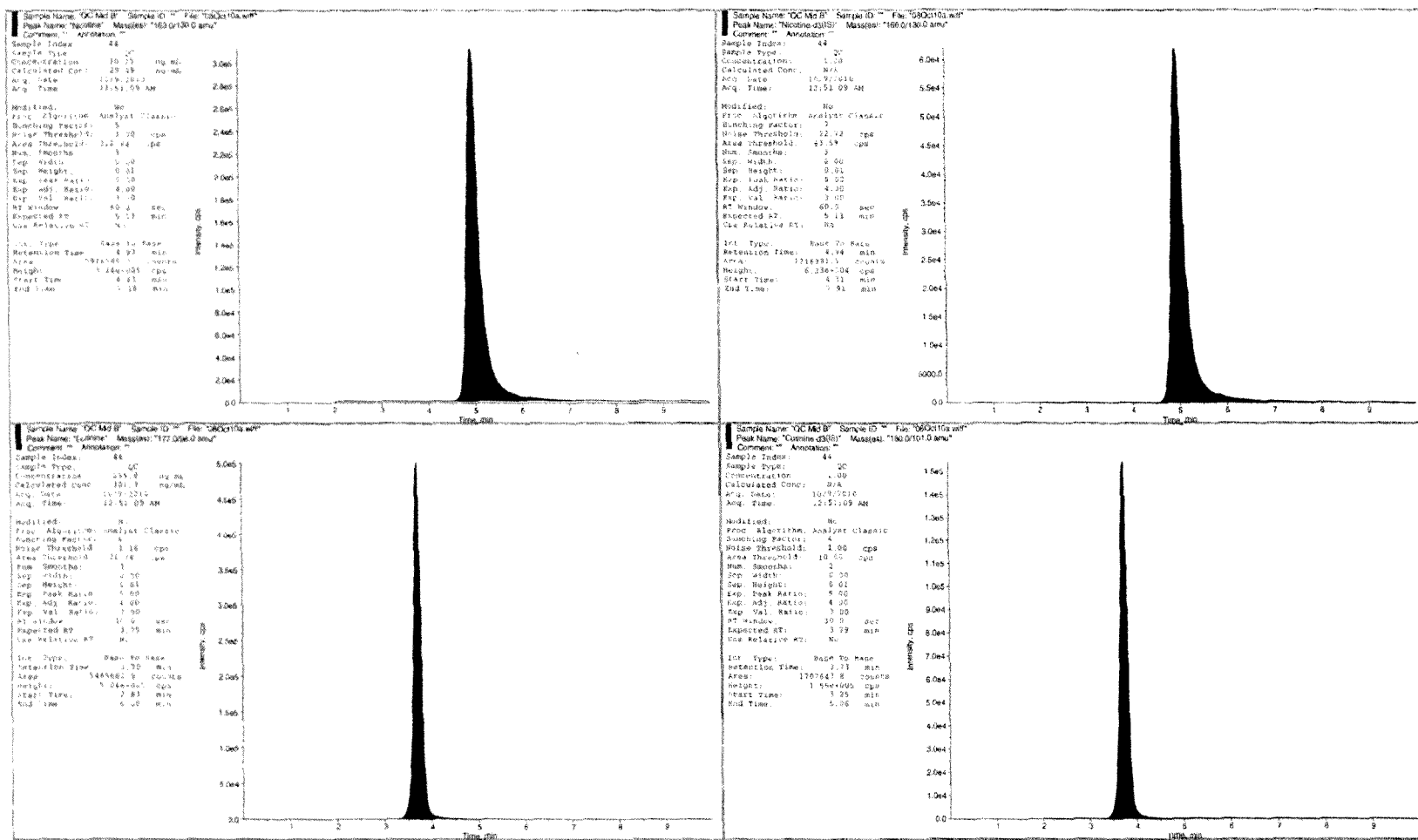


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Project: CN49730G Nicotine Rat A000750503
Method Name: 08Oct10a.qmd
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:19 AM

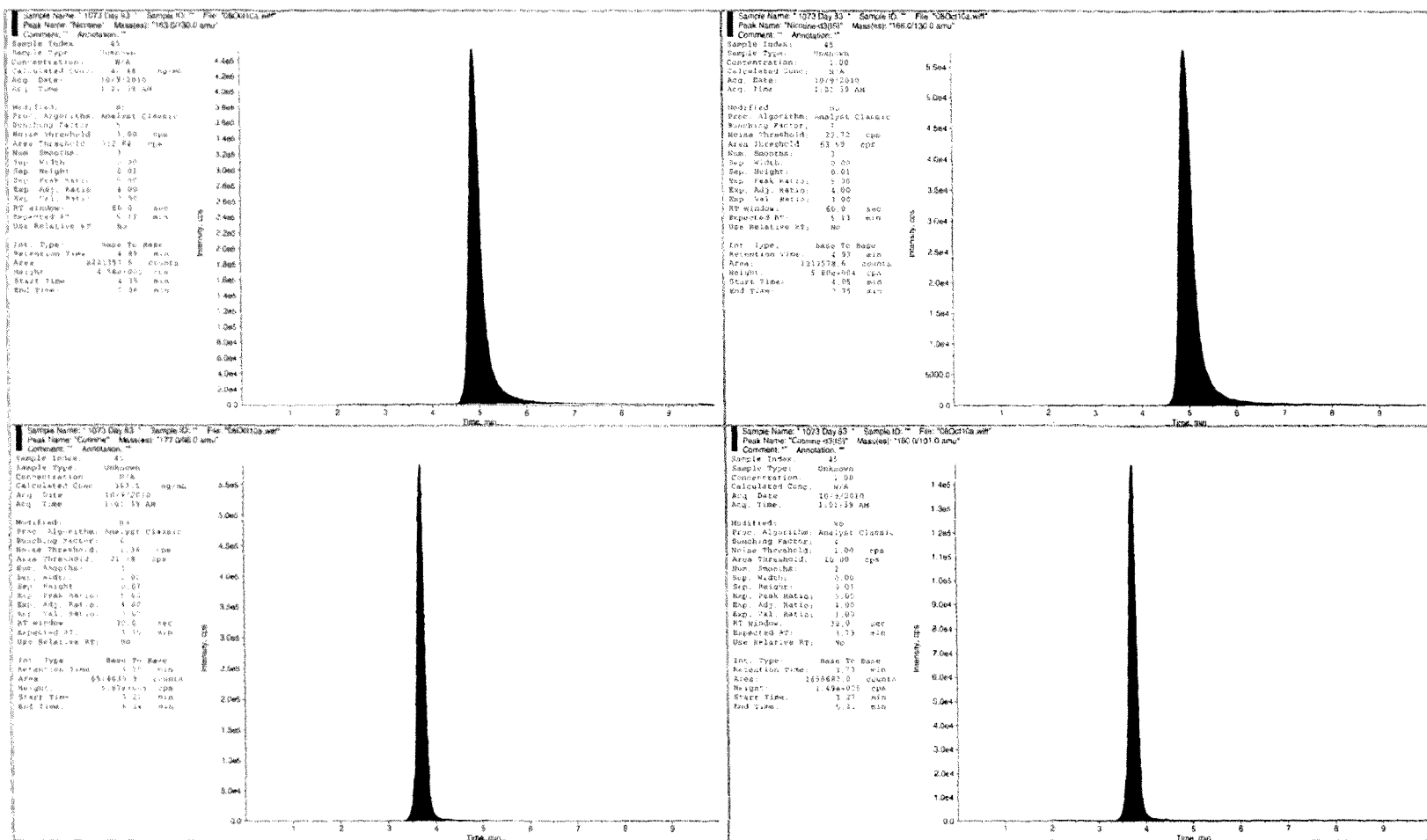


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Project: CN49730G Nicotine Rat AG00760503
Method Name: 08Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:19 AM

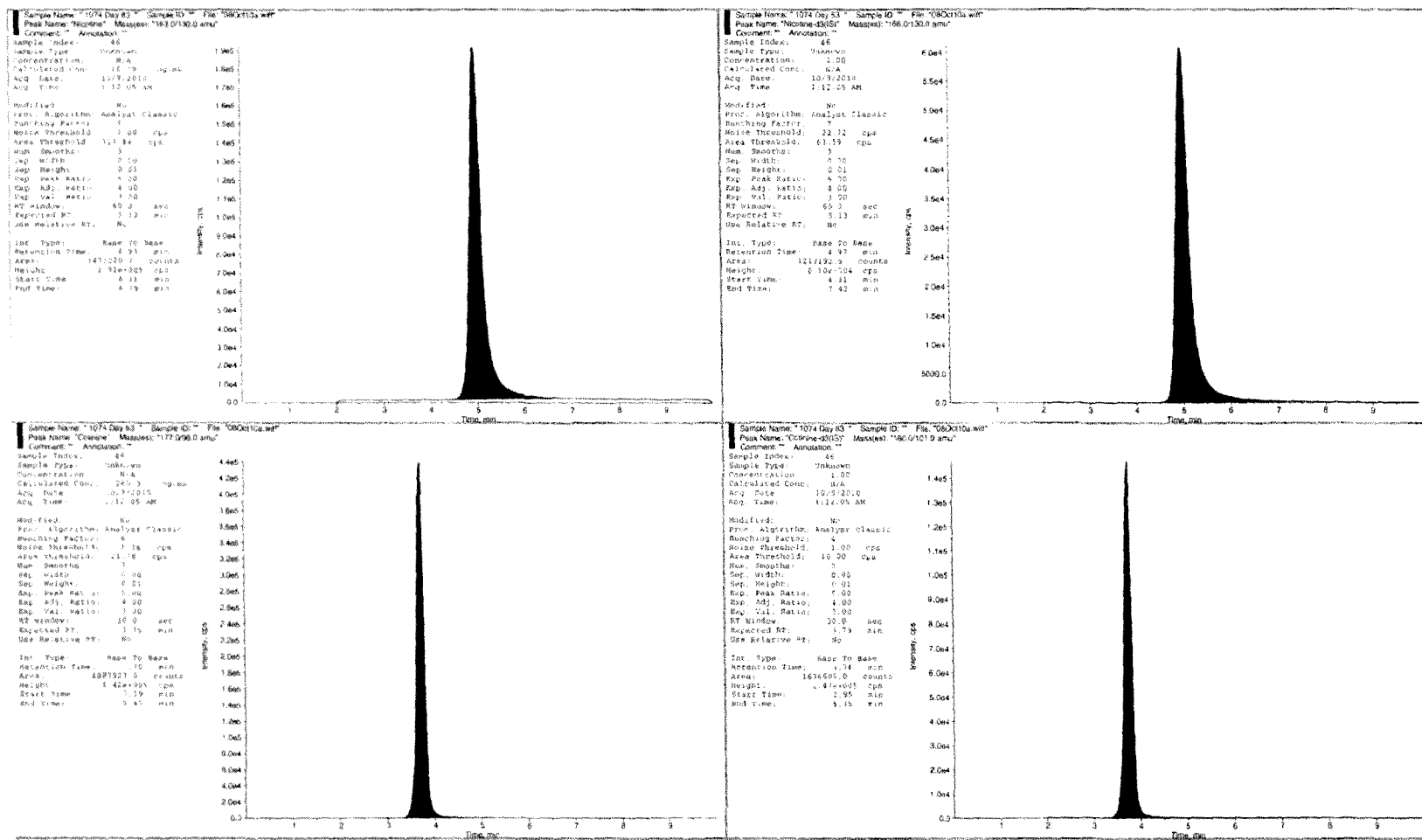


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

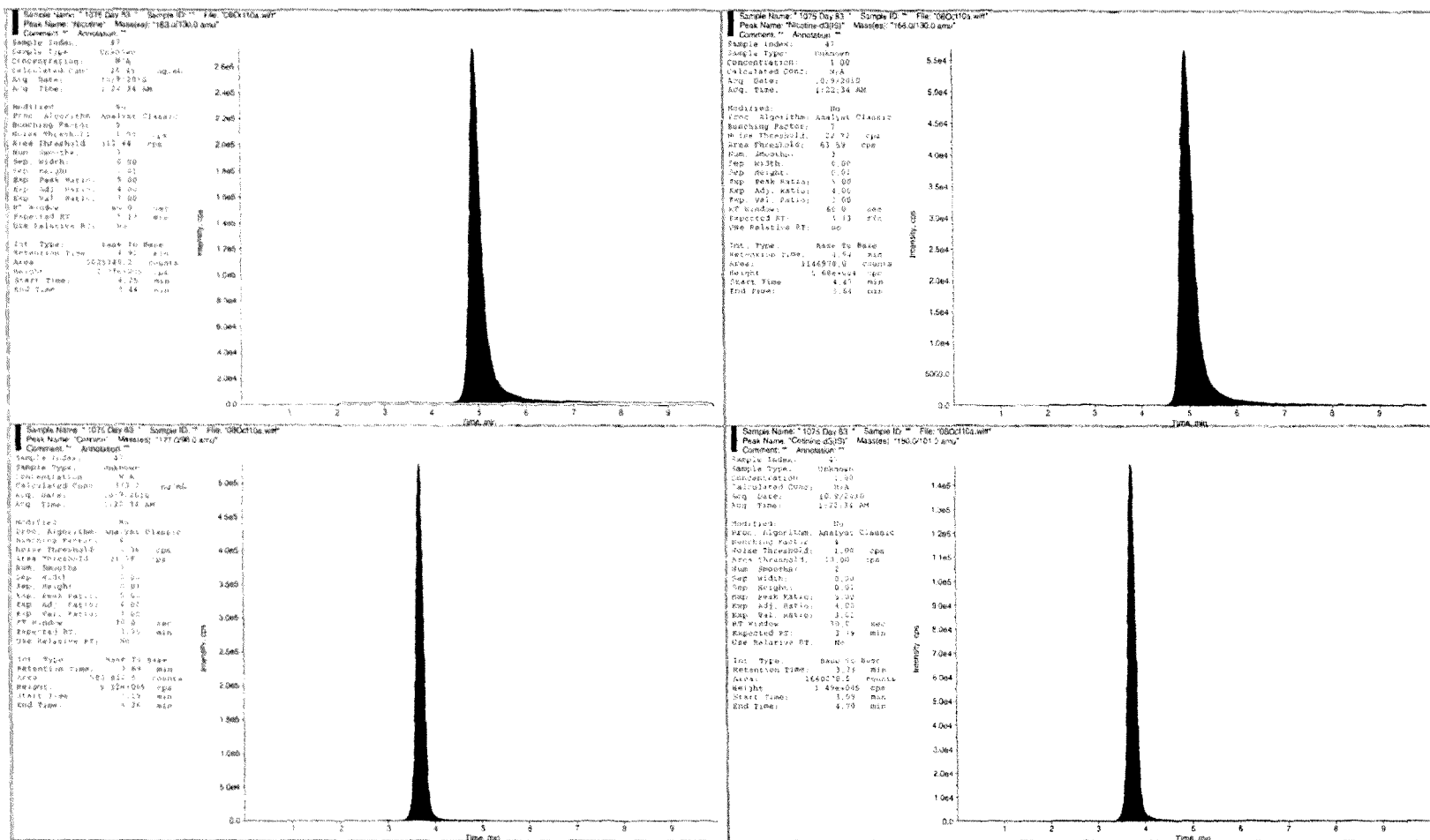
Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:19 AM



Project: CN49730G Nicotine Rat AG00750503
 Method Name: CHC010a.qmr
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:19 AM

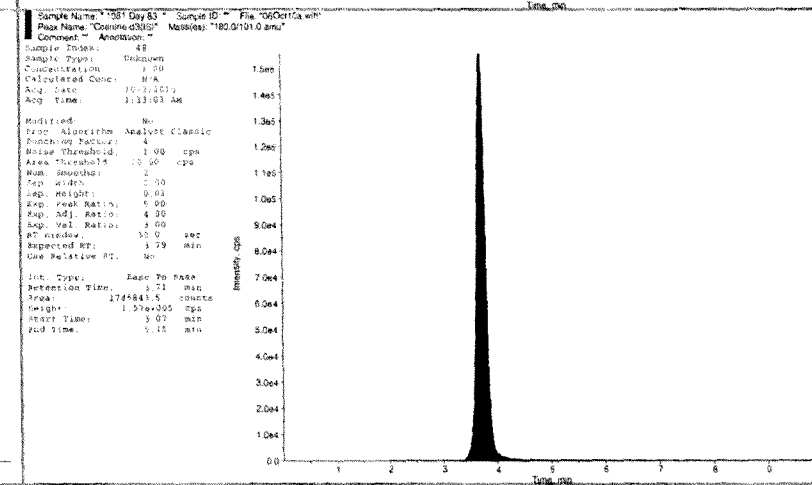
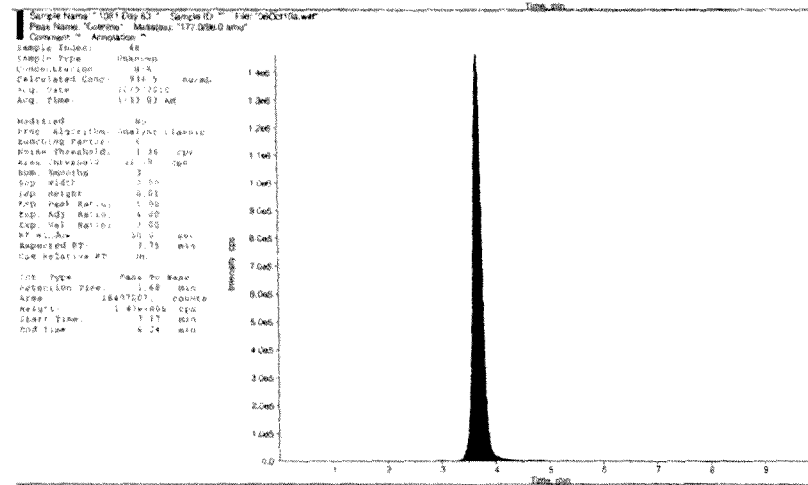
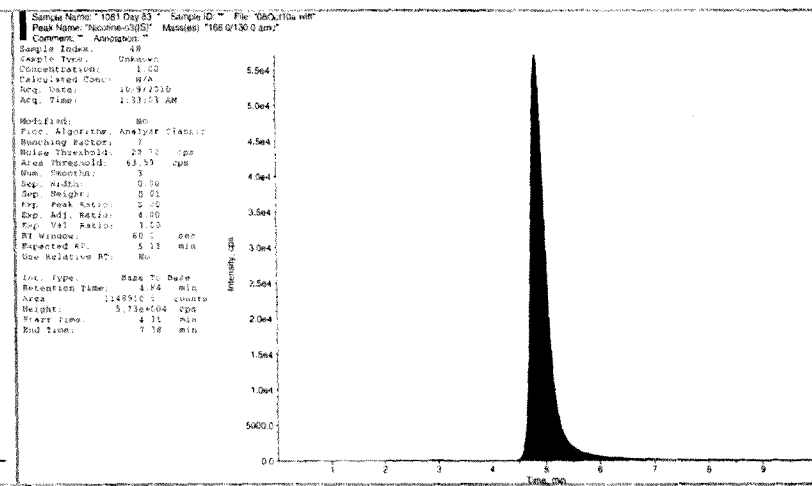
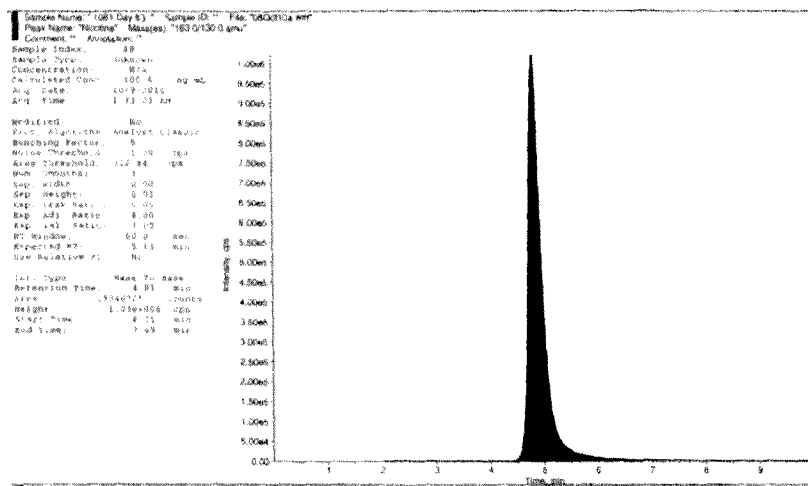


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:20 AM

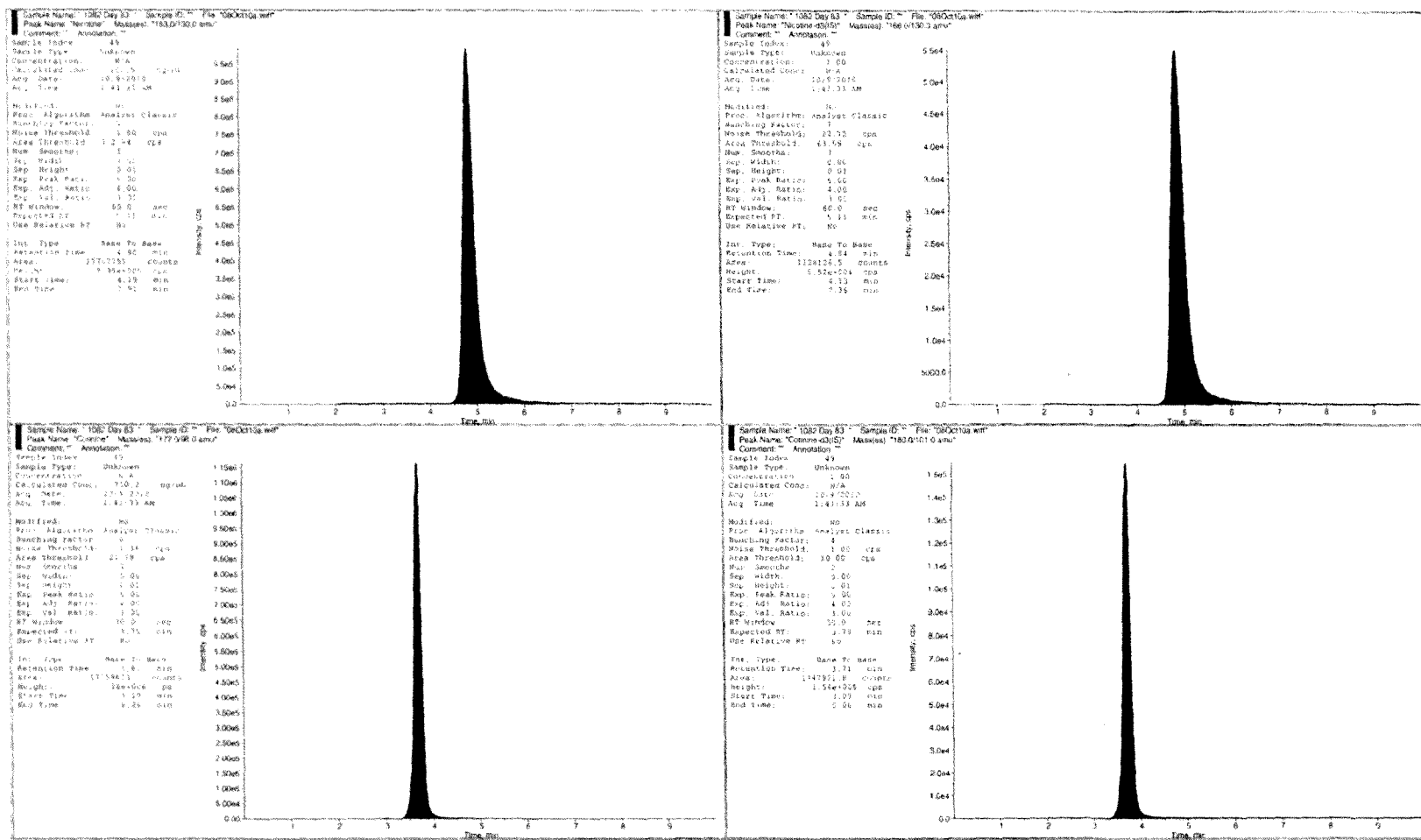


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Project: CN49730G Nicotine Rat Au00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:20 AM

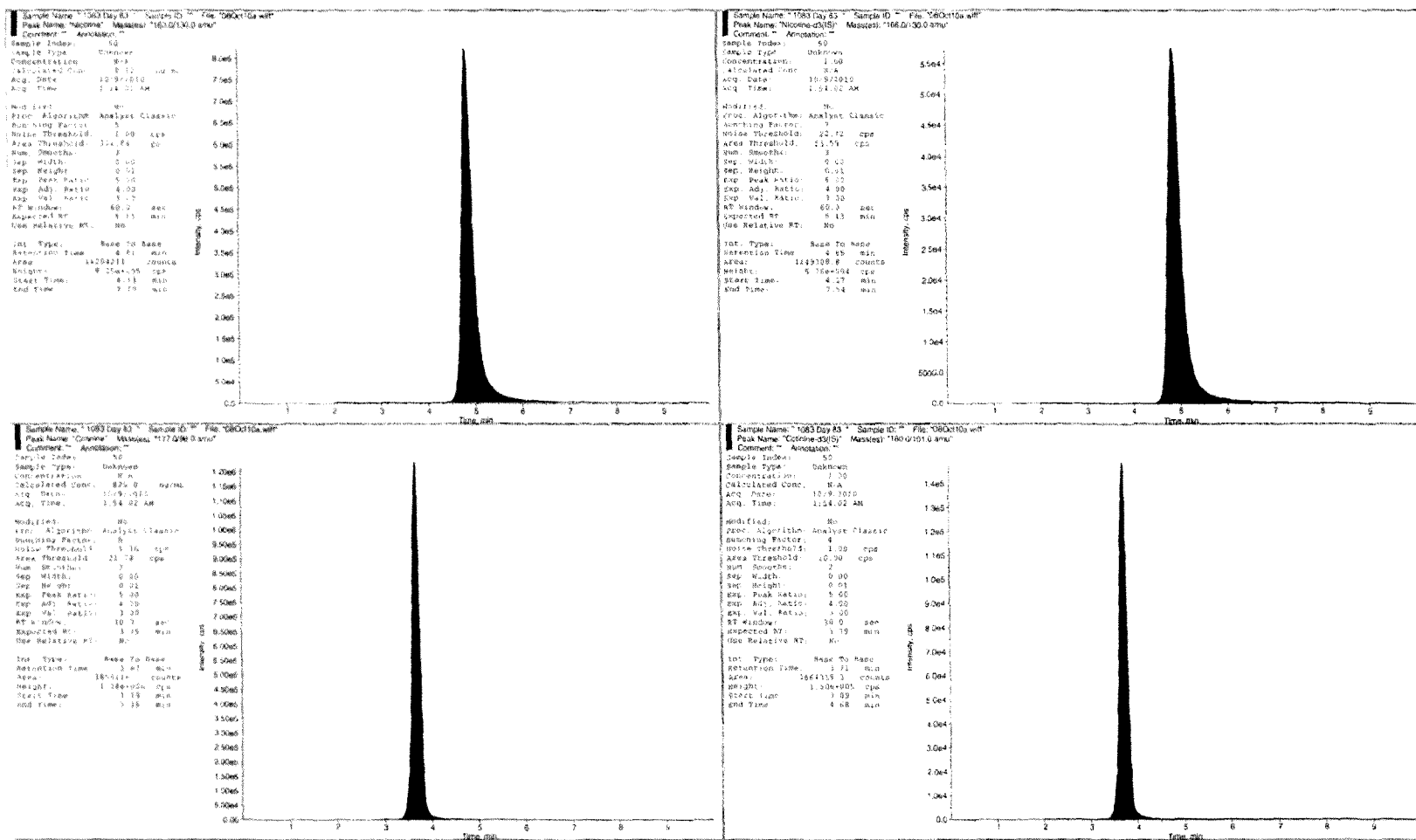


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Project: CN49730G Nicotine Rat AG00750593
Method Name: 08Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:20 AM

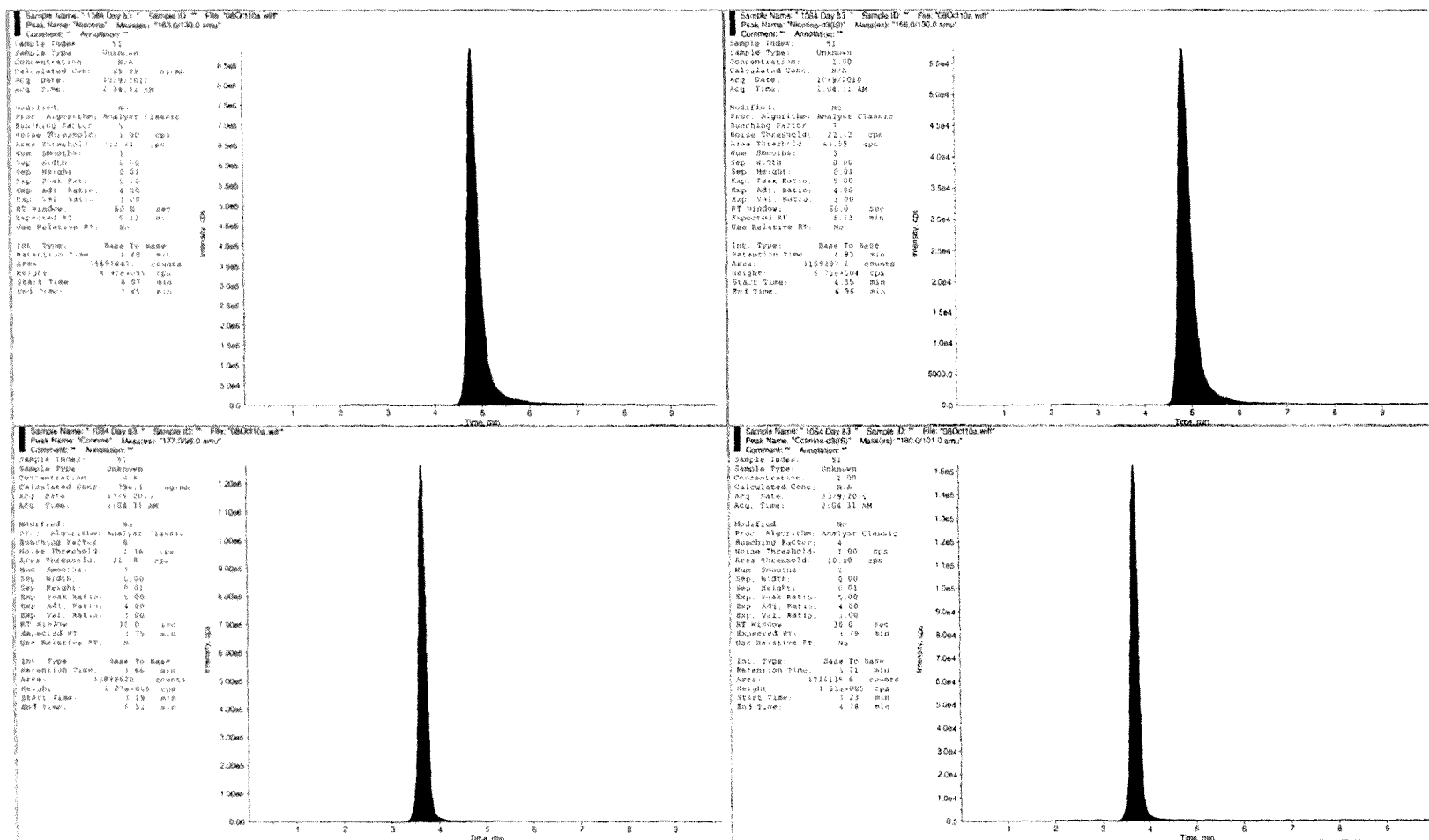


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Project: CN49730G Nicotine Pat AG00750503
Method Name: 08Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:20 AM

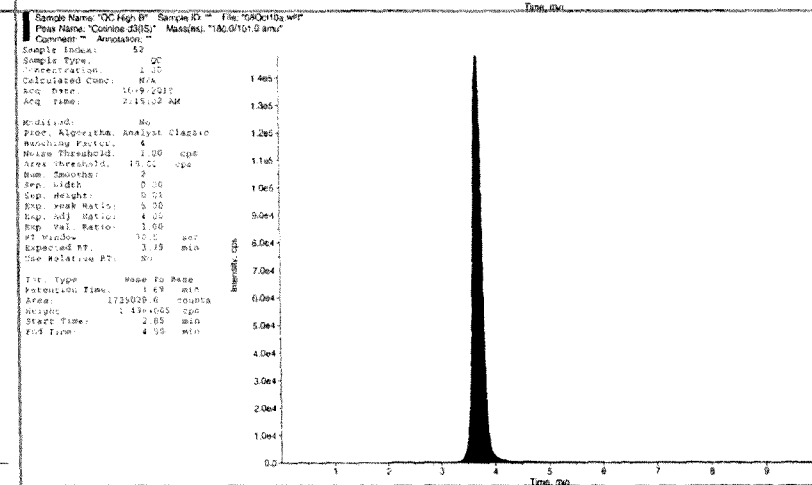
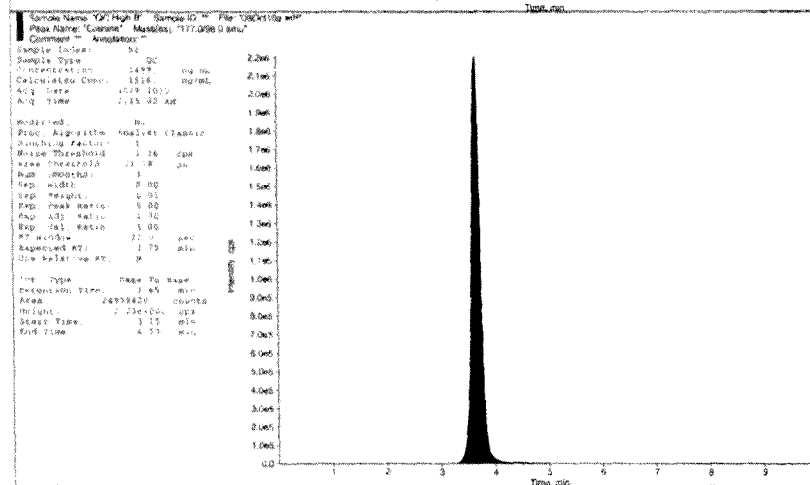
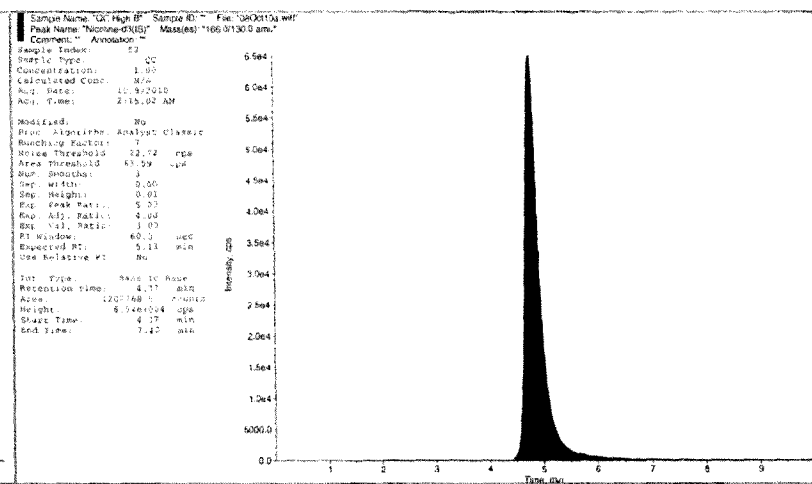
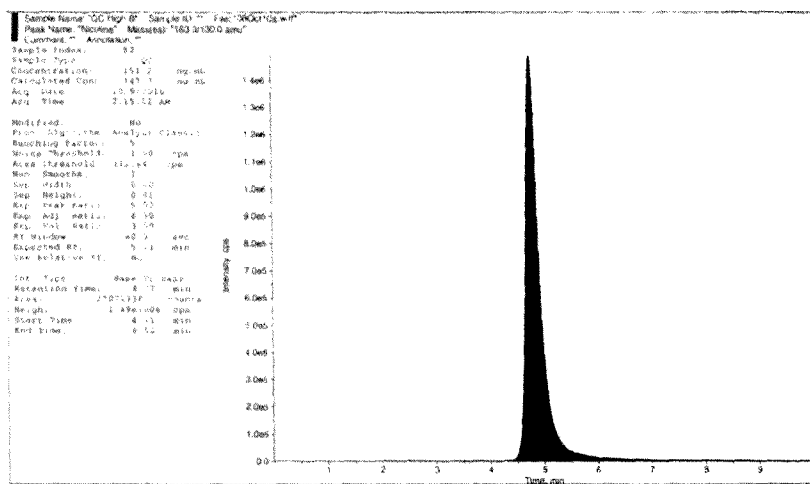


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qm1
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

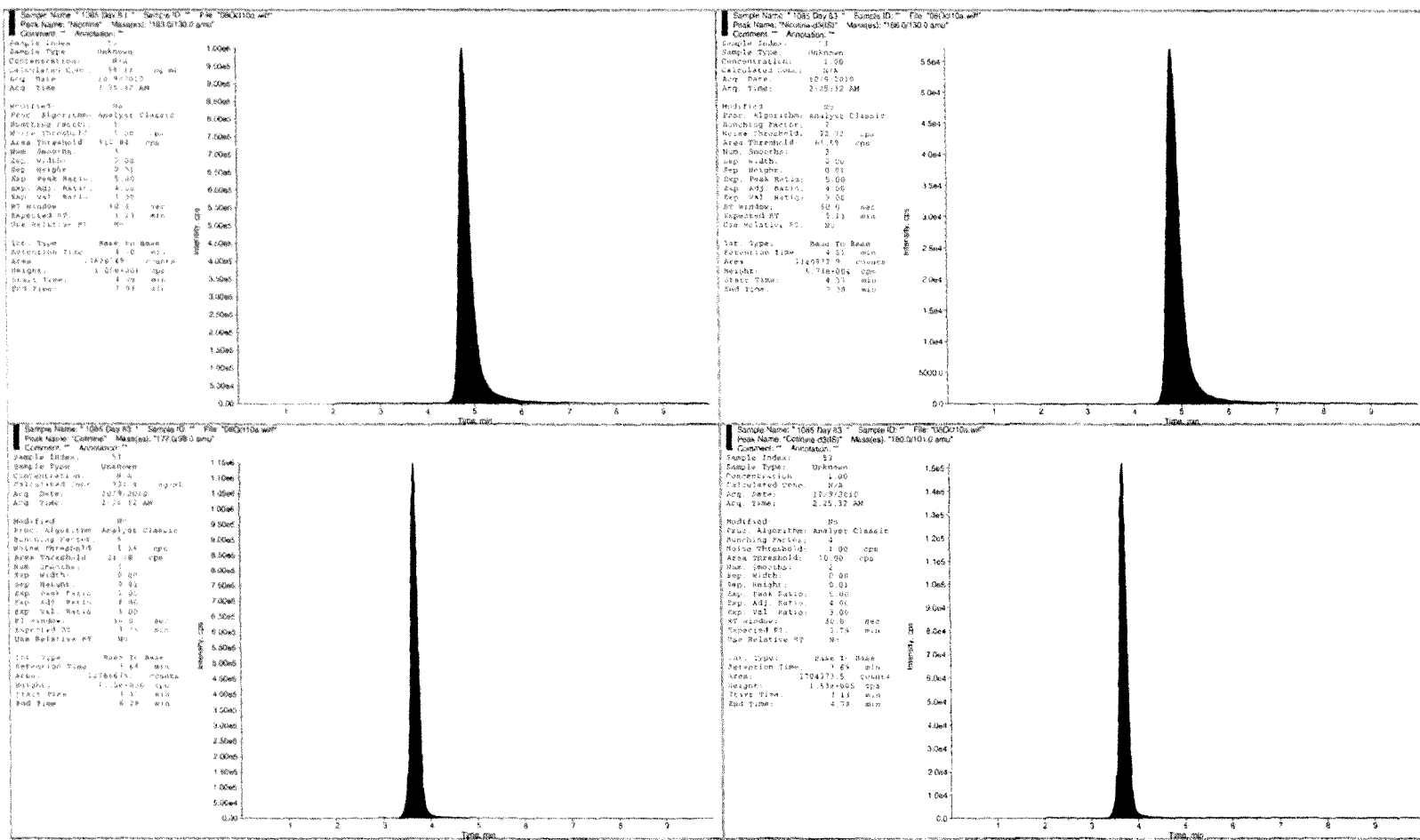
Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:21 AM



Project: CN49730G Nicotine Rat AGG0750503
Method Name: 08Oct10a.qm
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:21 AM

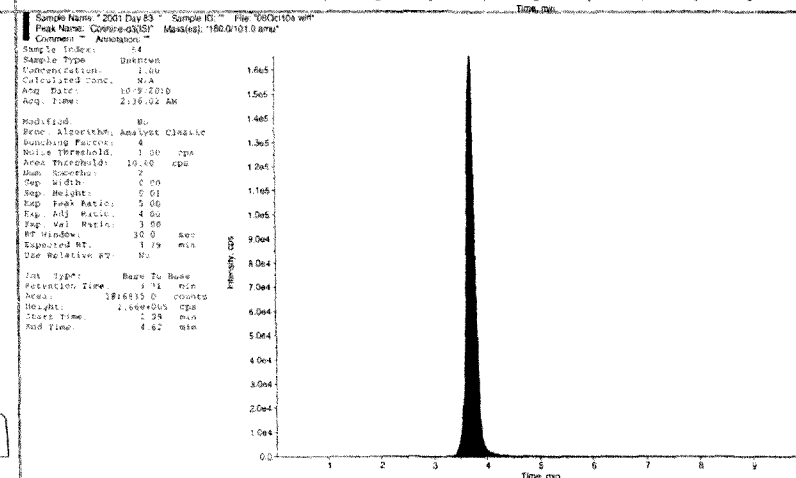
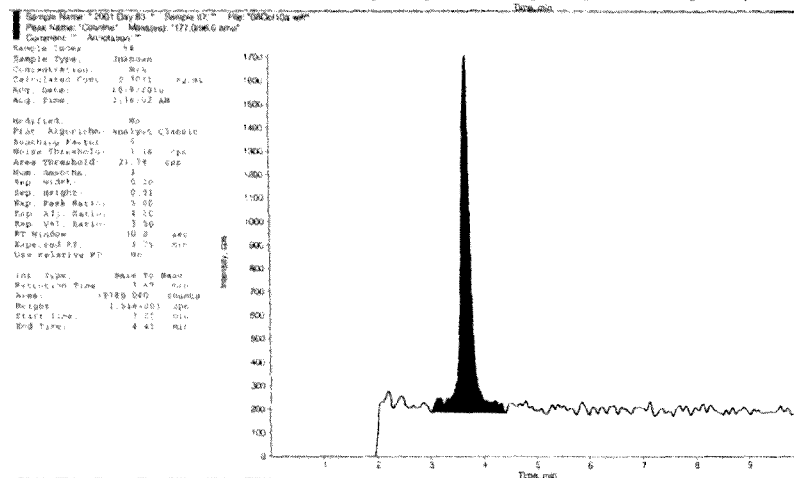
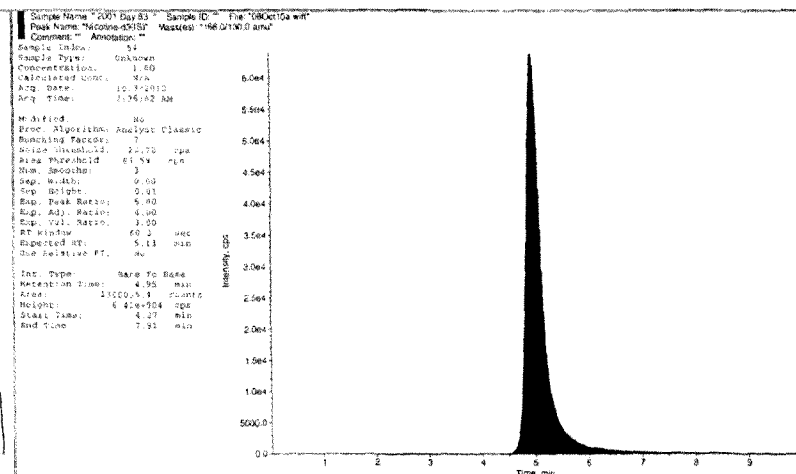
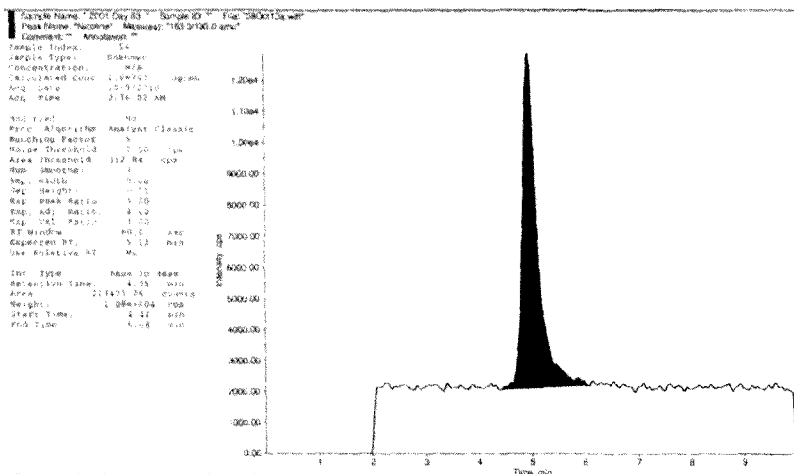


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qm1
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:21 AM

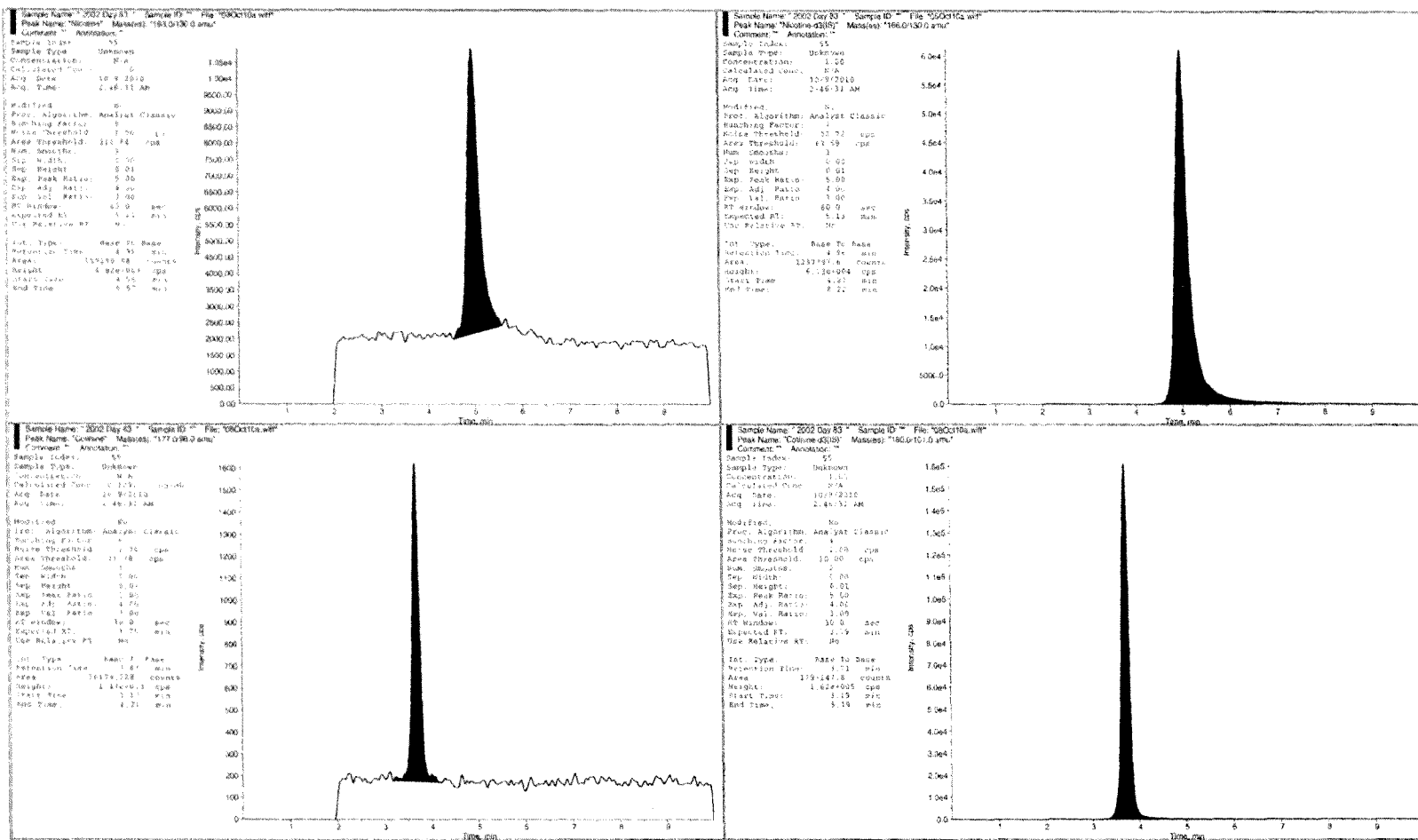


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Project: CN49730G Nicotine Rat AG00750563
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:21 AM

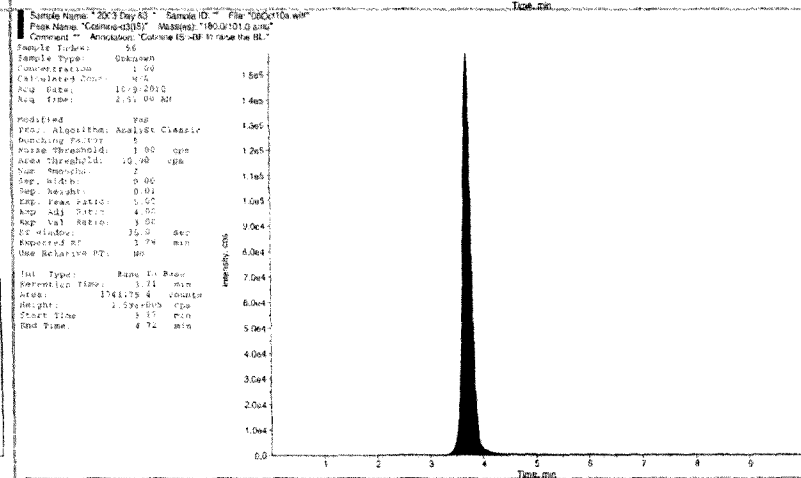
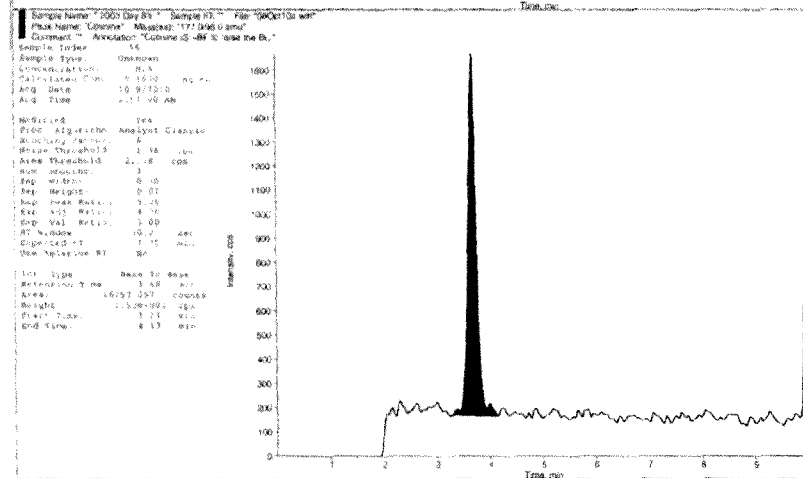
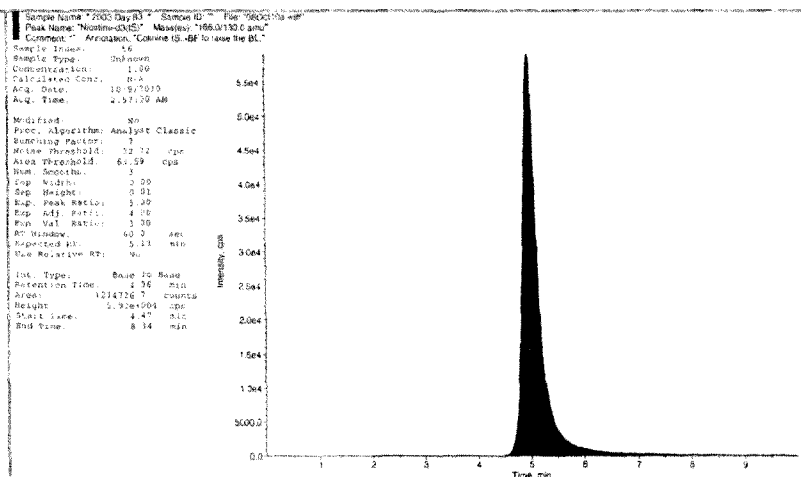
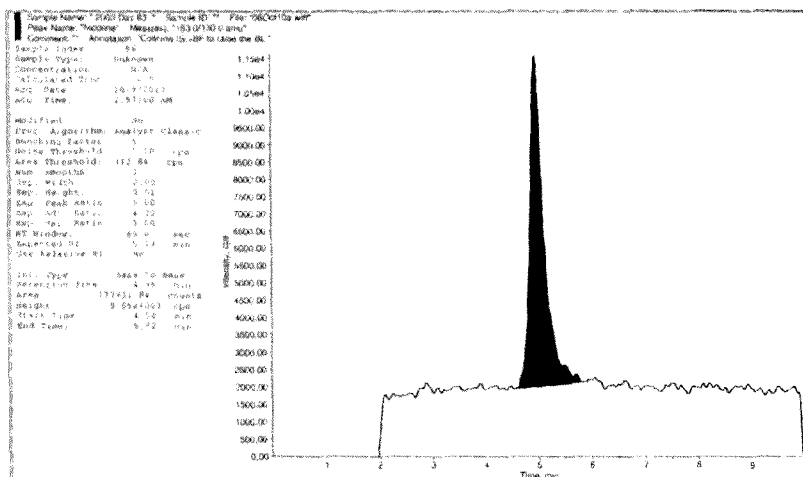


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmt
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

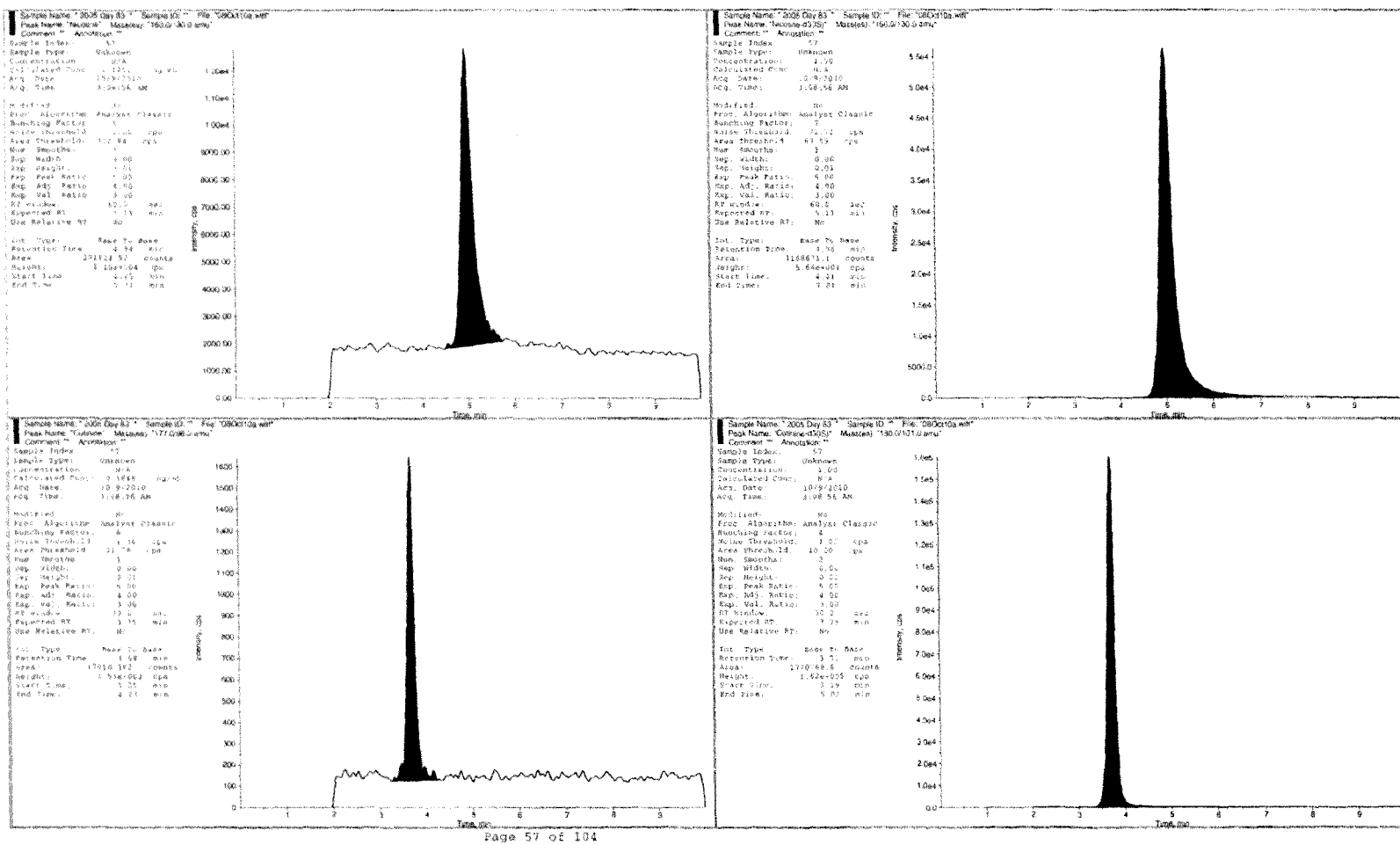
Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:21 AM



Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:22 AM

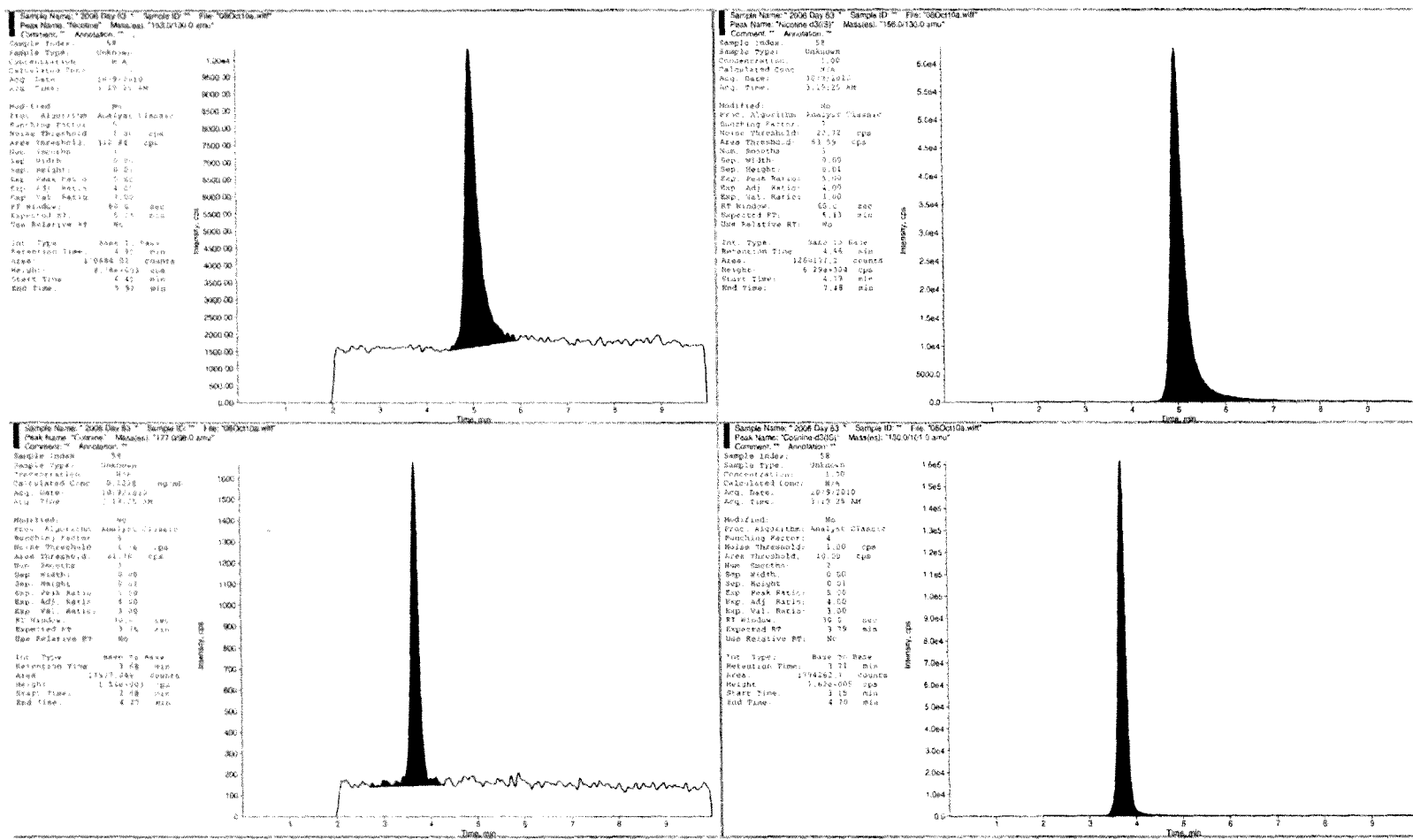


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Project: CN49730G Nicotine Rat AC09750503
Method Name: 08Oct10a.qm1
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

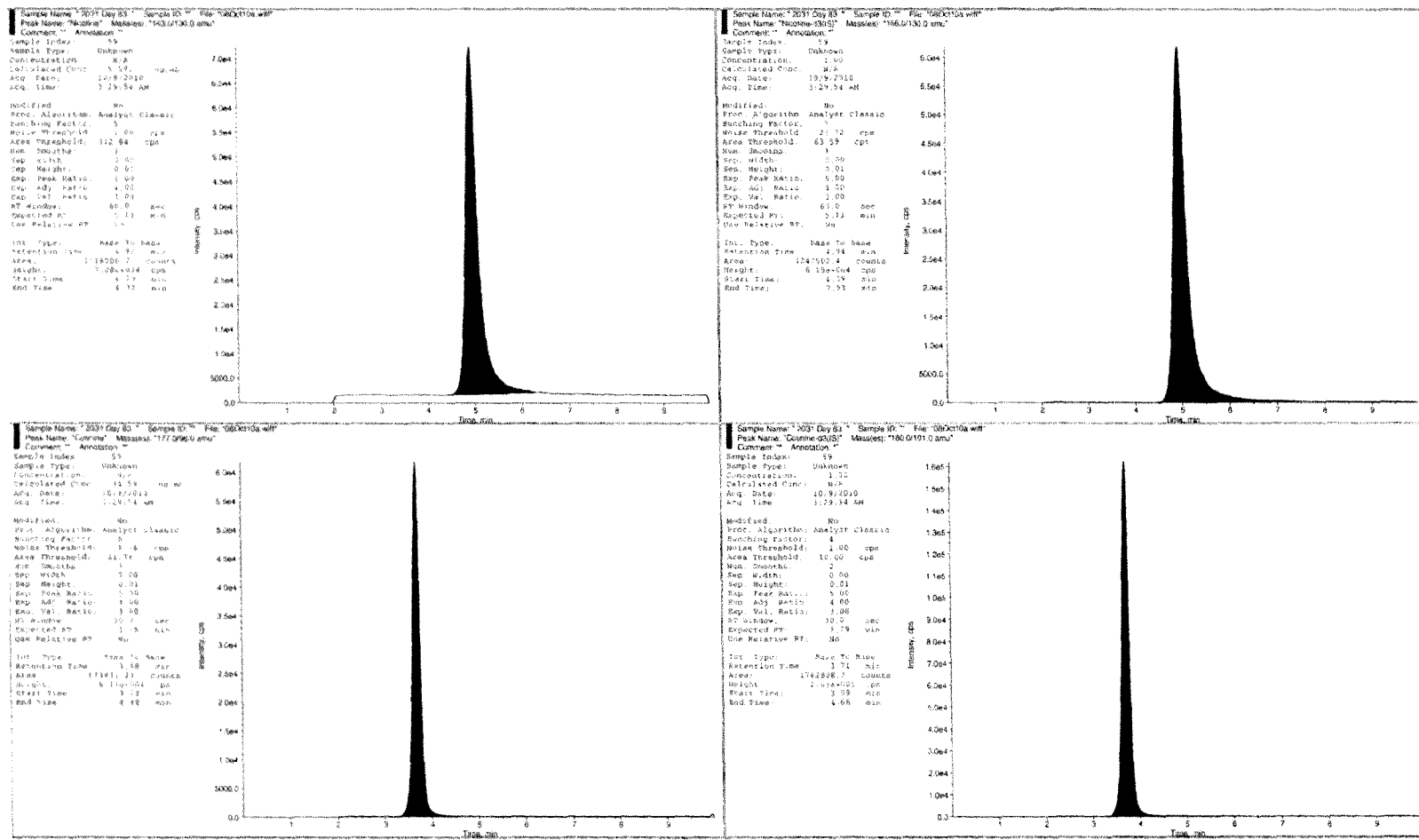
Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:22 AM



Project: CN49730G Nicotine Rat AC00750503
 Method Name: 08Oct10a.qm1
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:22 AM

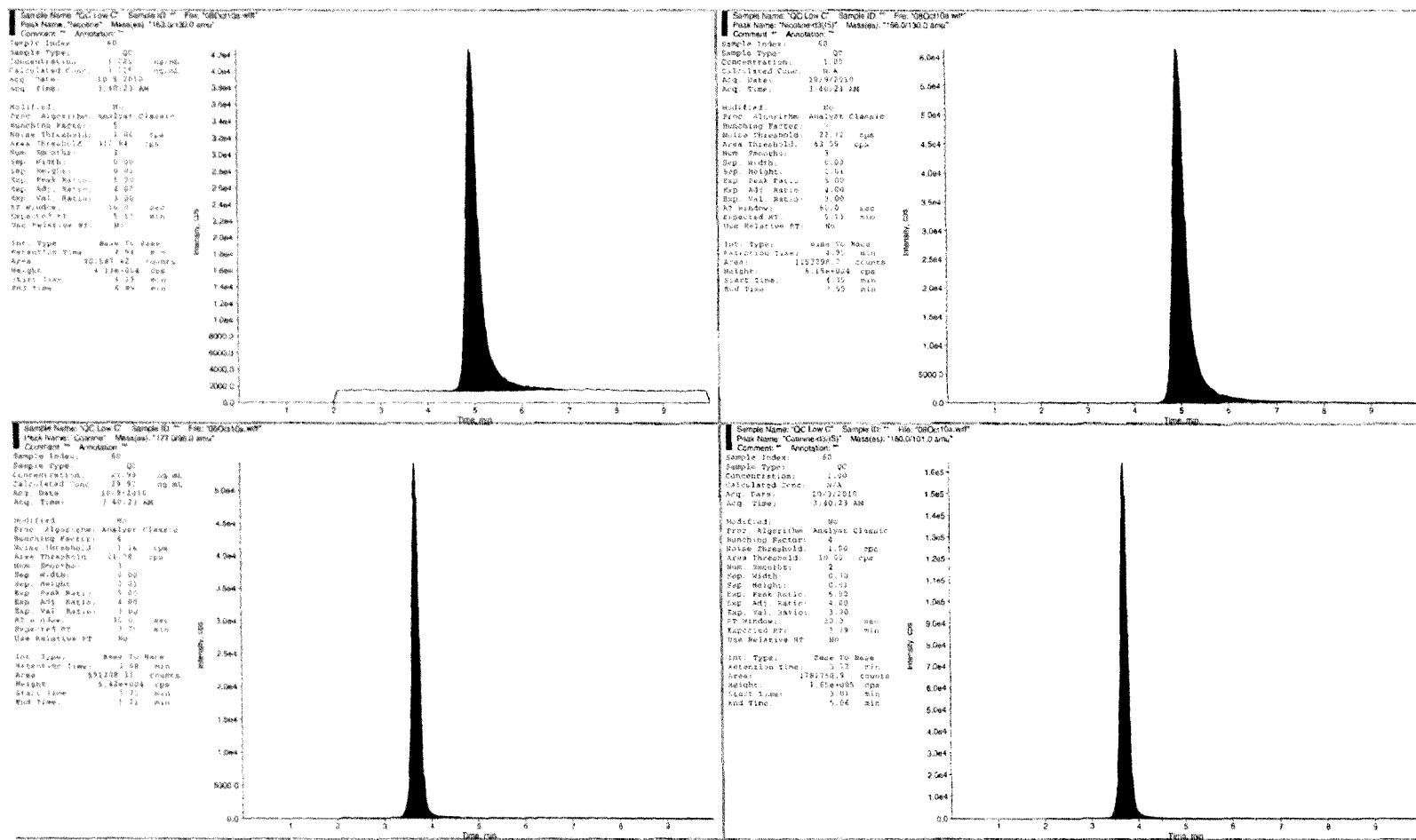


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qia
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:22 AM

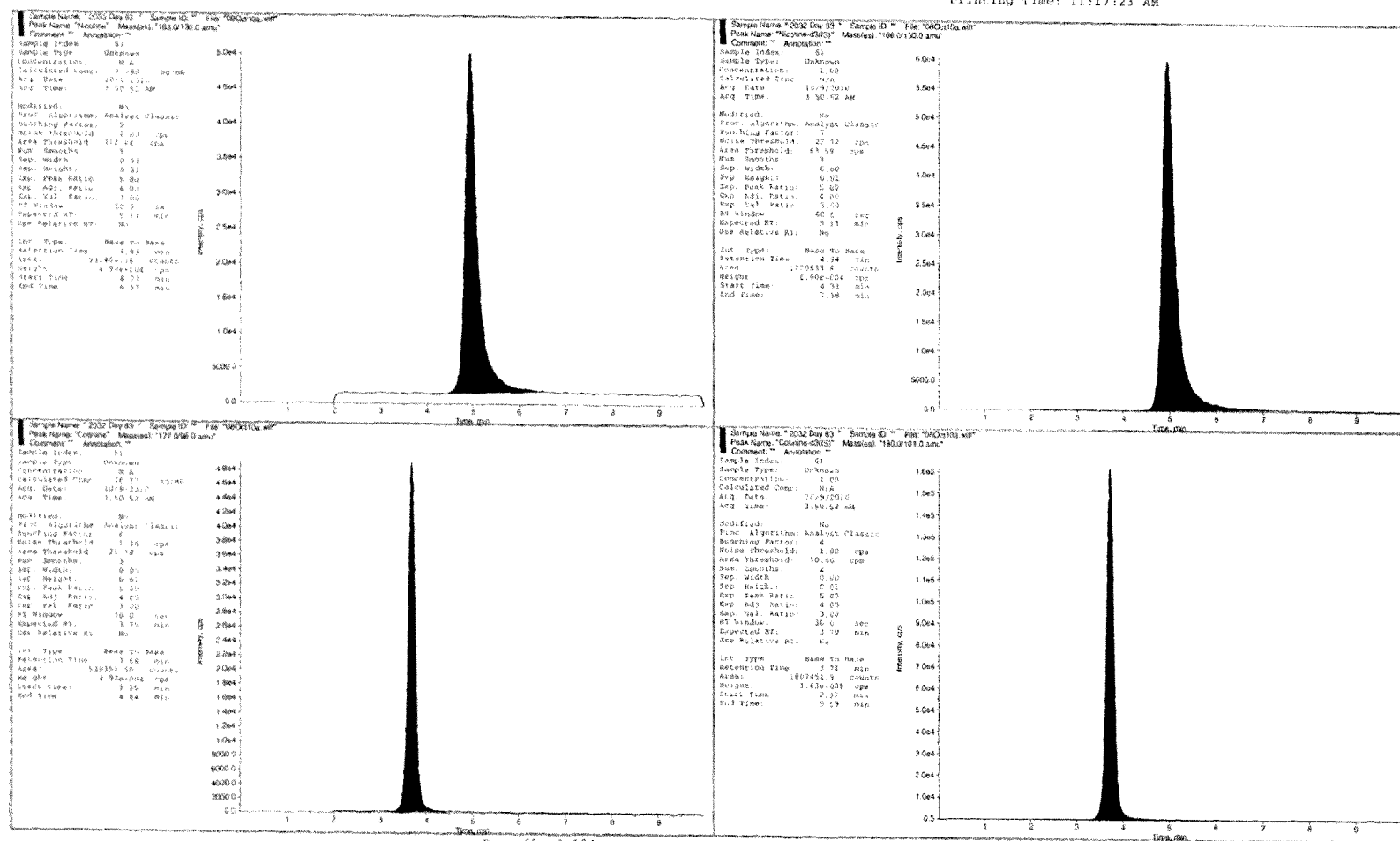


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Project: CN49730G Nicotine Rat AG09750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:23 AM

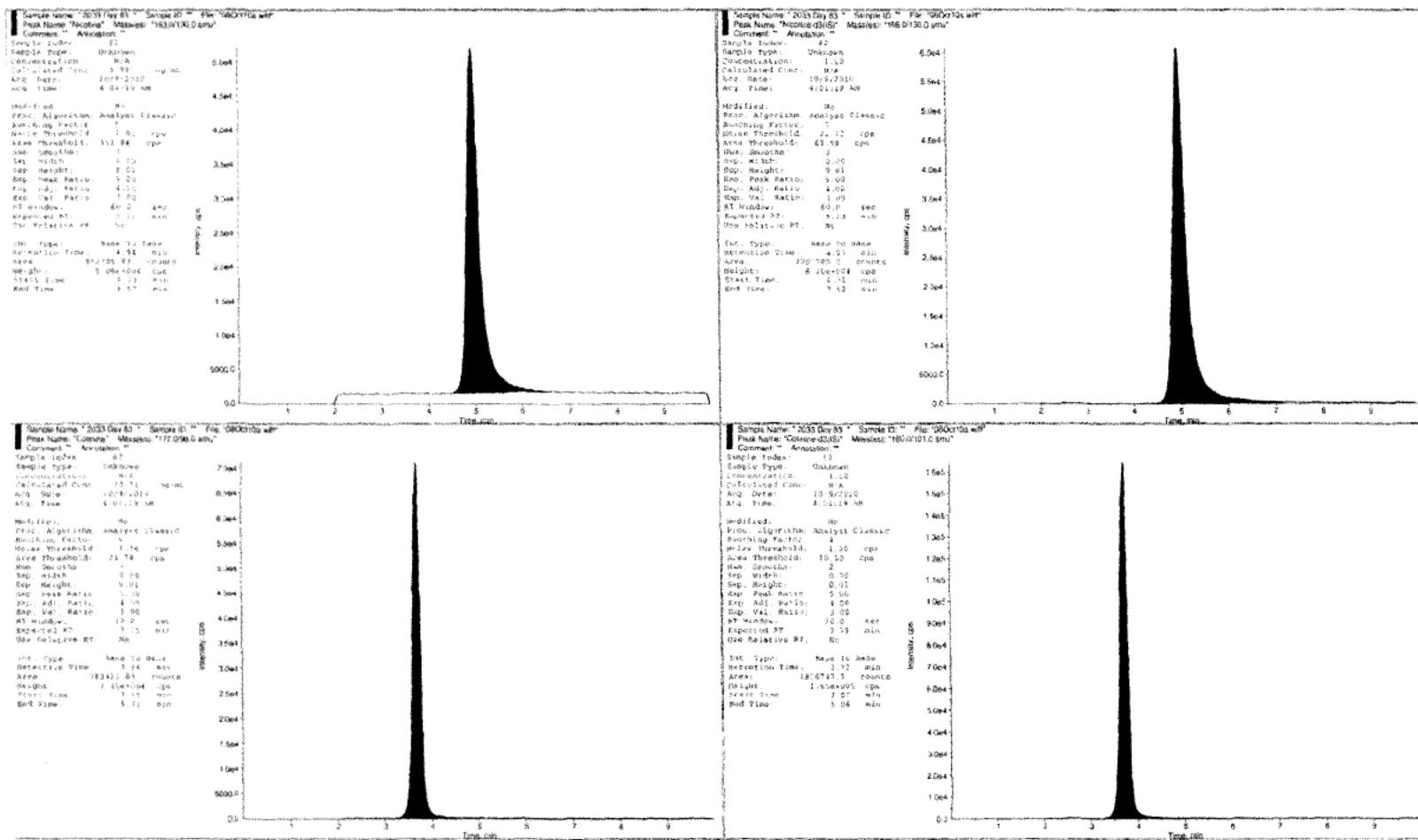


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Project: CN49730G Bisoxetine Rat AG00756503
 Method Name: 08Oct10a.qml
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:23 AM

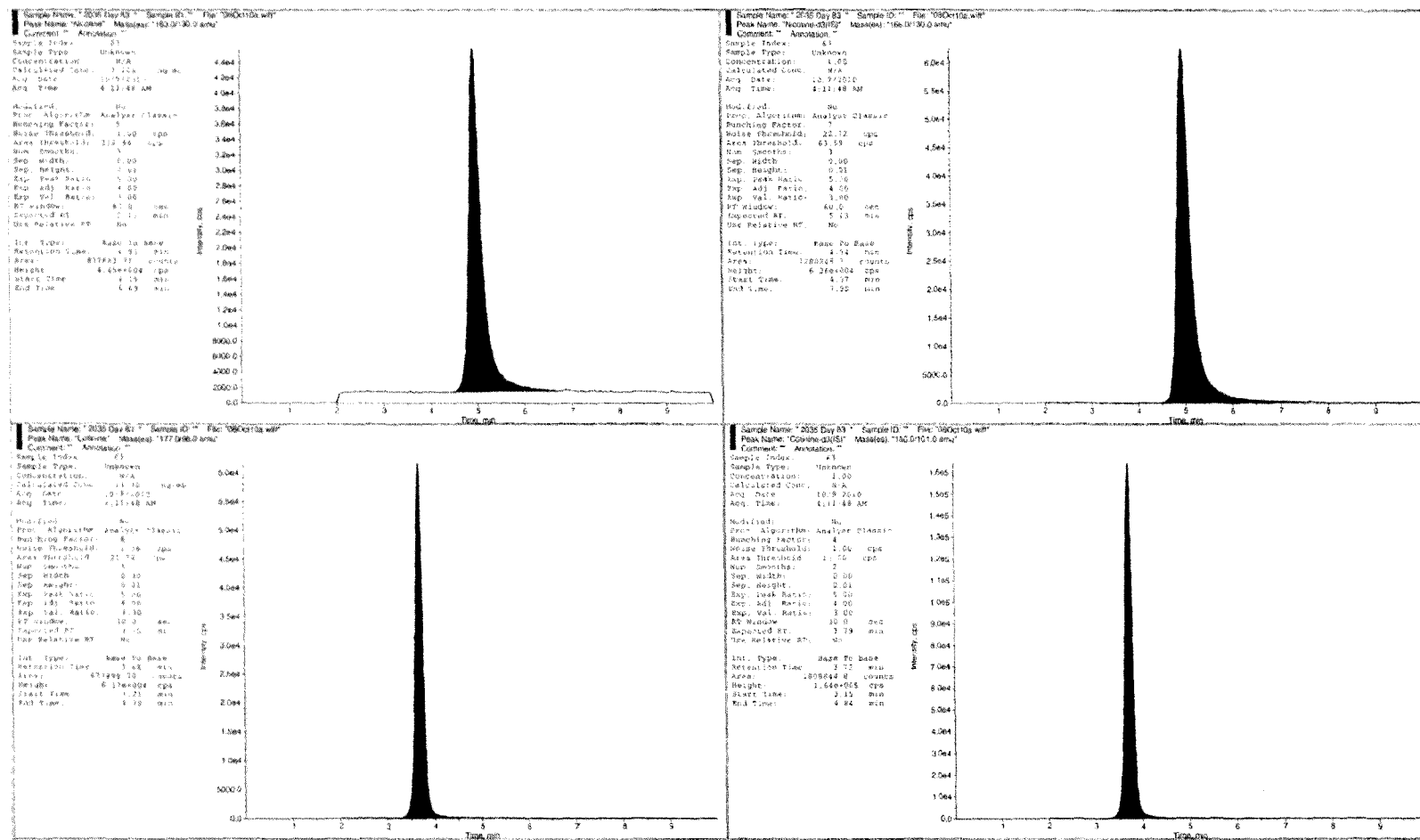


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qm1
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:23 AM

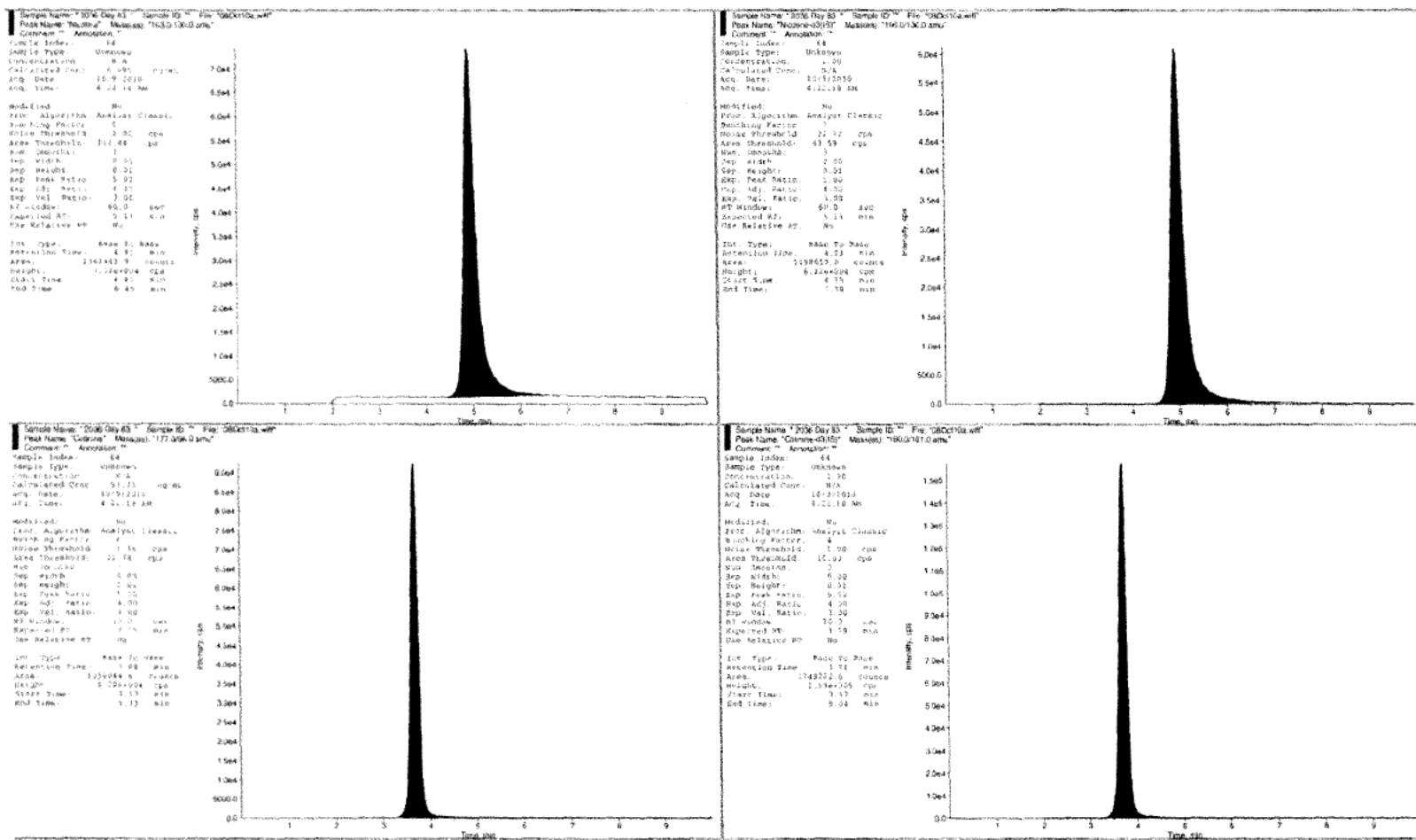


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmt
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

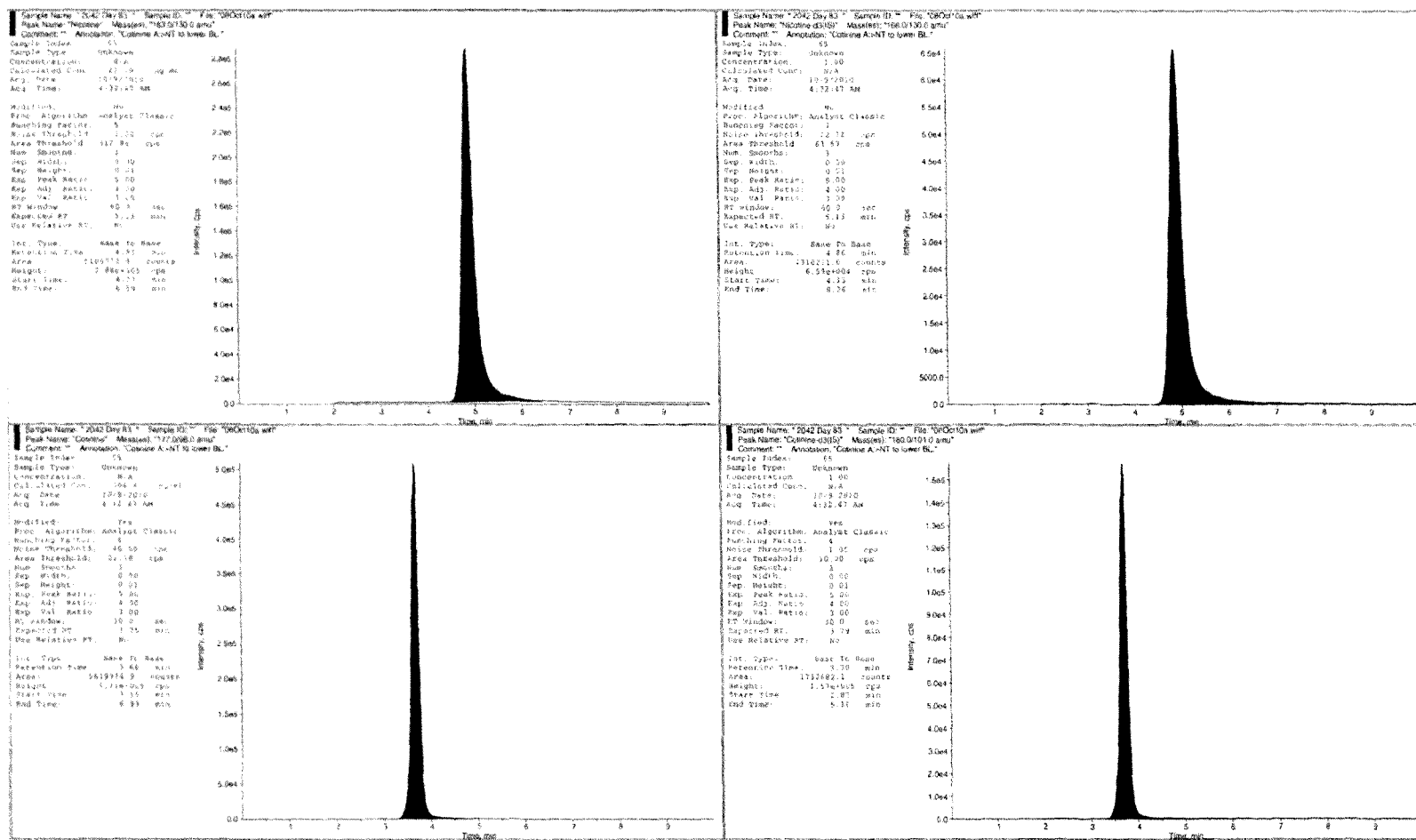
Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2016
 Printing Time: 11:17:23 AM



Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmd
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:23 AM

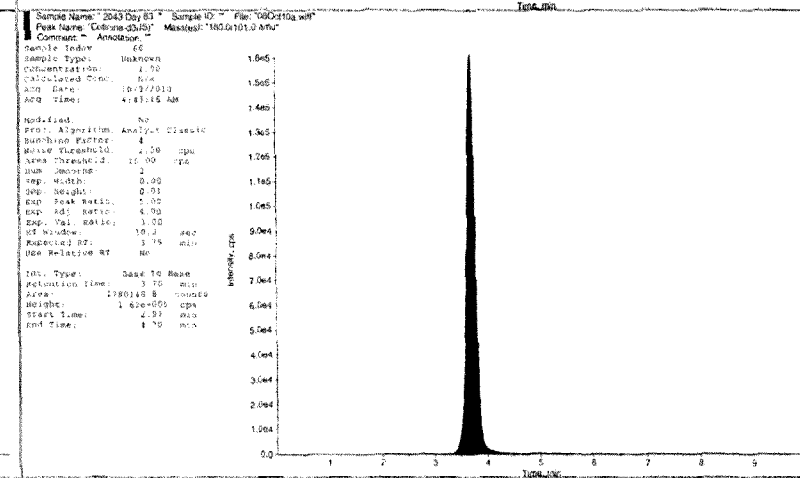
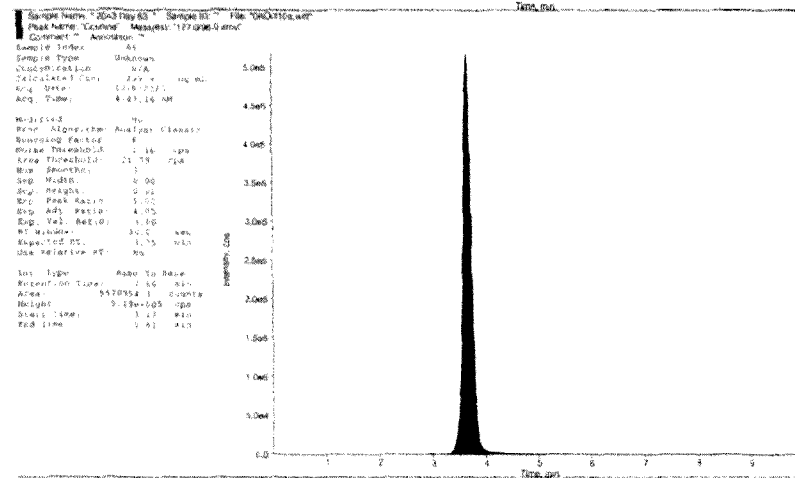
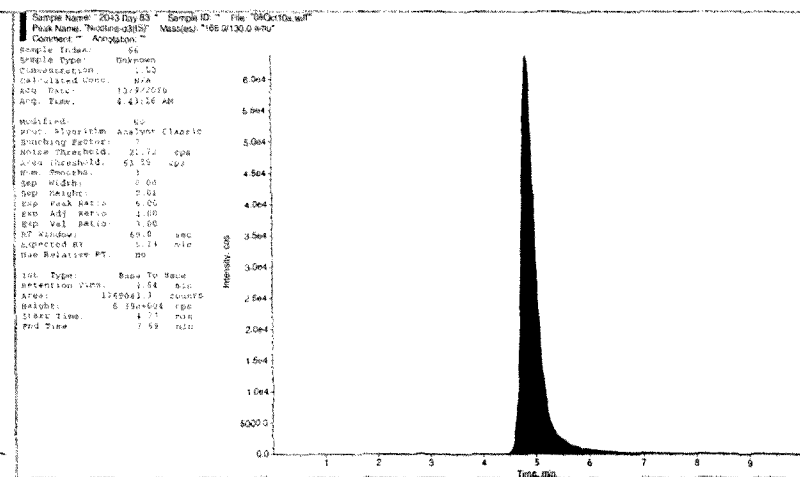
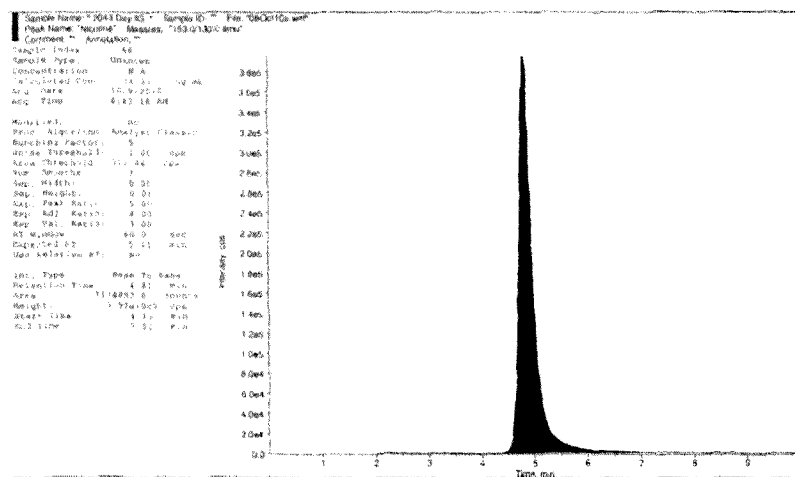


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Project: CN49730G Nicotine Rat AG09750503
 Method Name: 08Oct10a.qm1
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

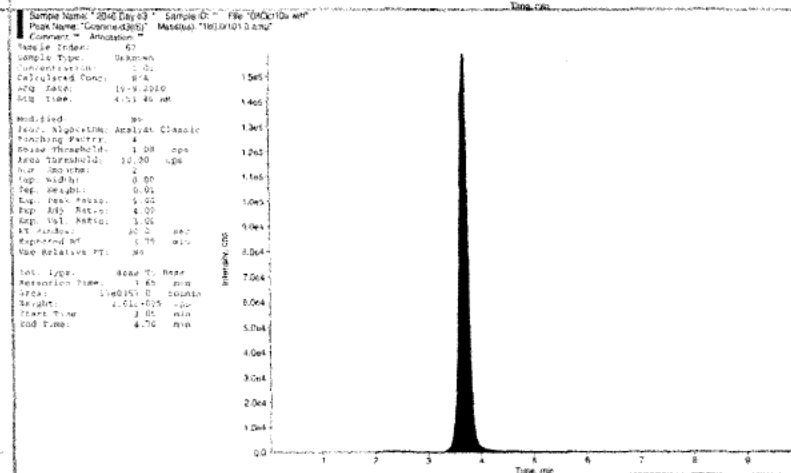
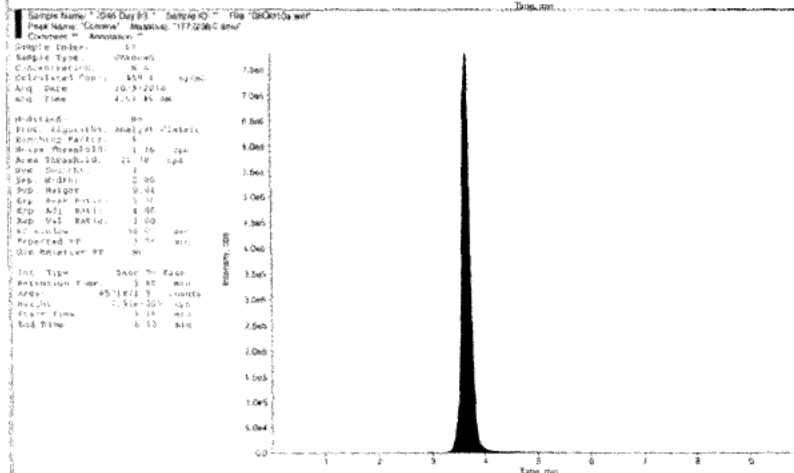
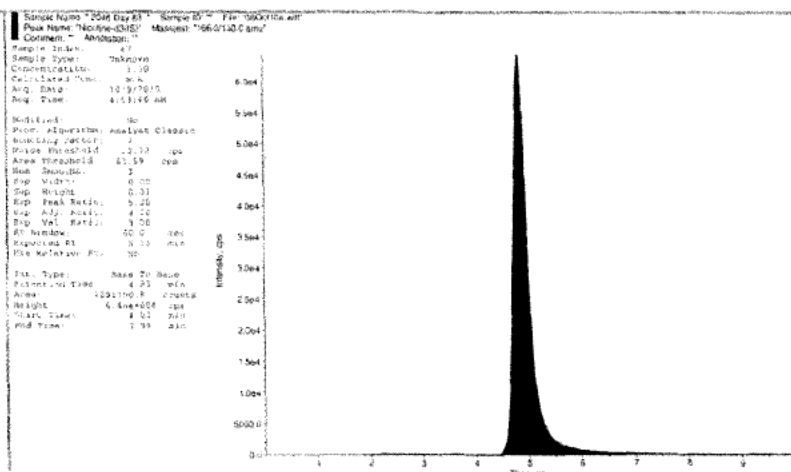
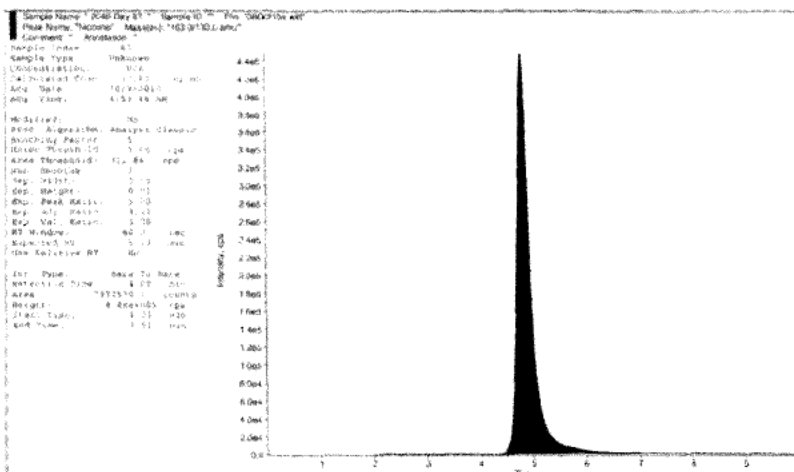
Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:24 AM



Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qm
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

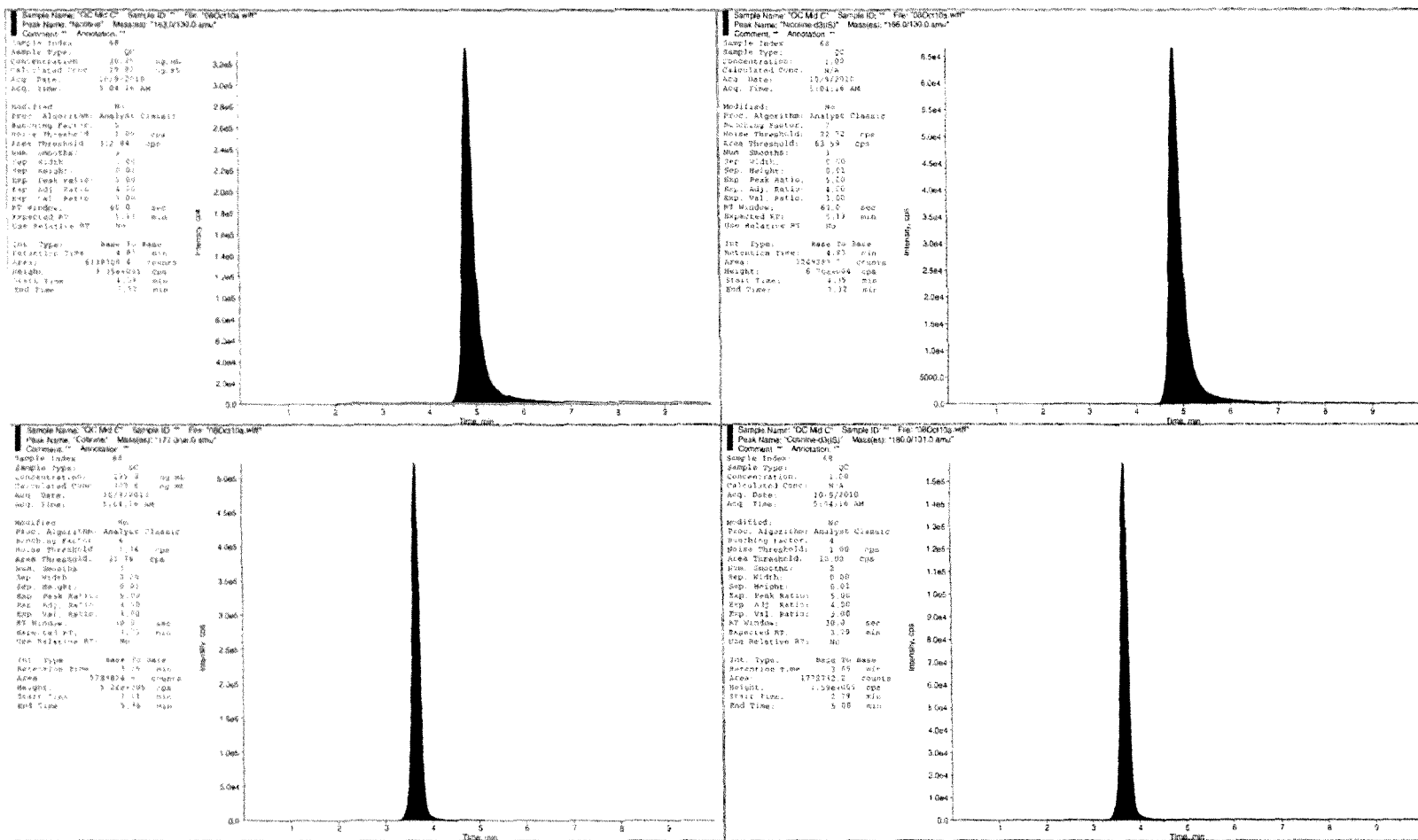
Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:24 AM



Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmr
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:24 AM

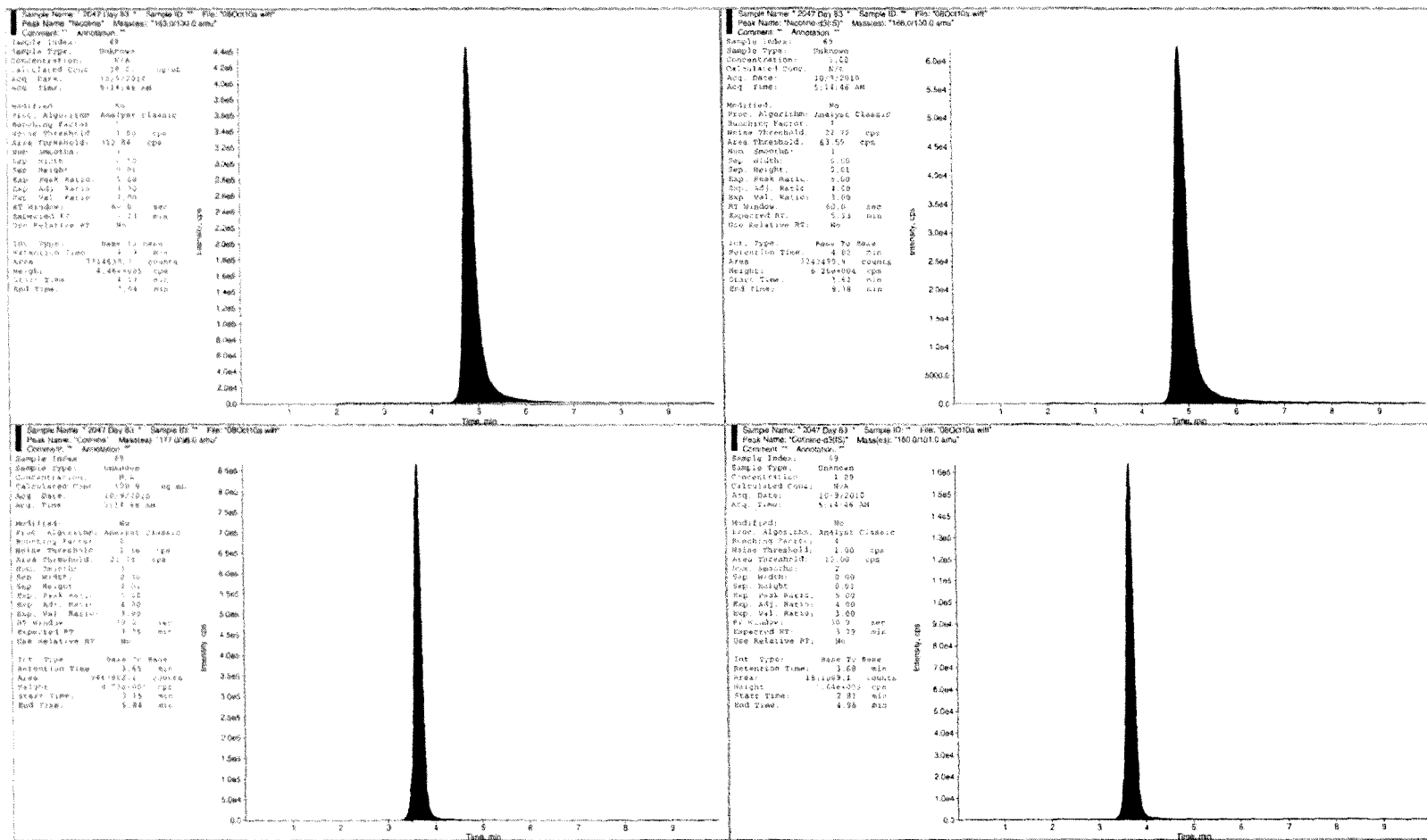


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Project: CN49730G Nicotine Rat AC00750503
Method Name: 08Oct10a.qm1
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

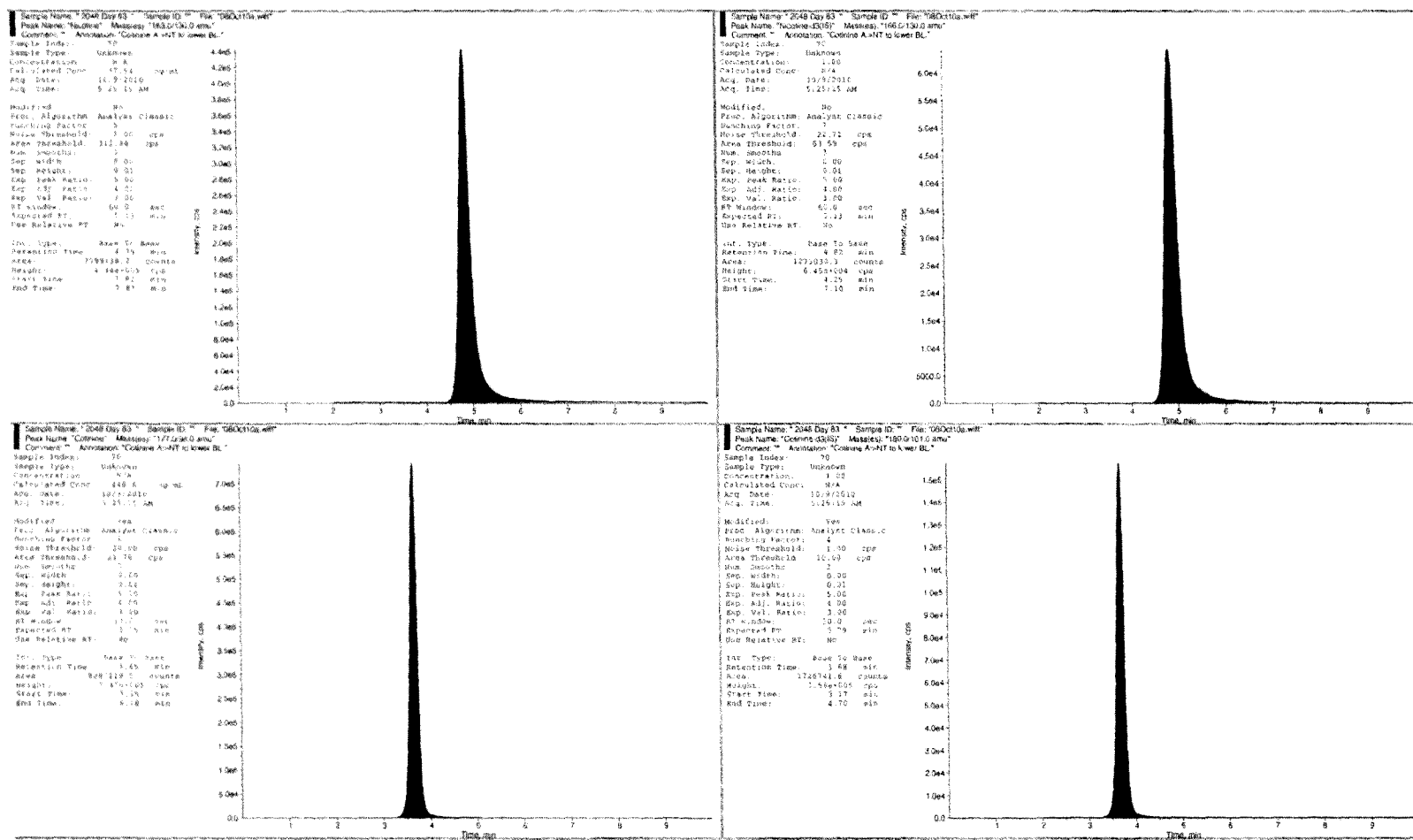
Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:24 AM



Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

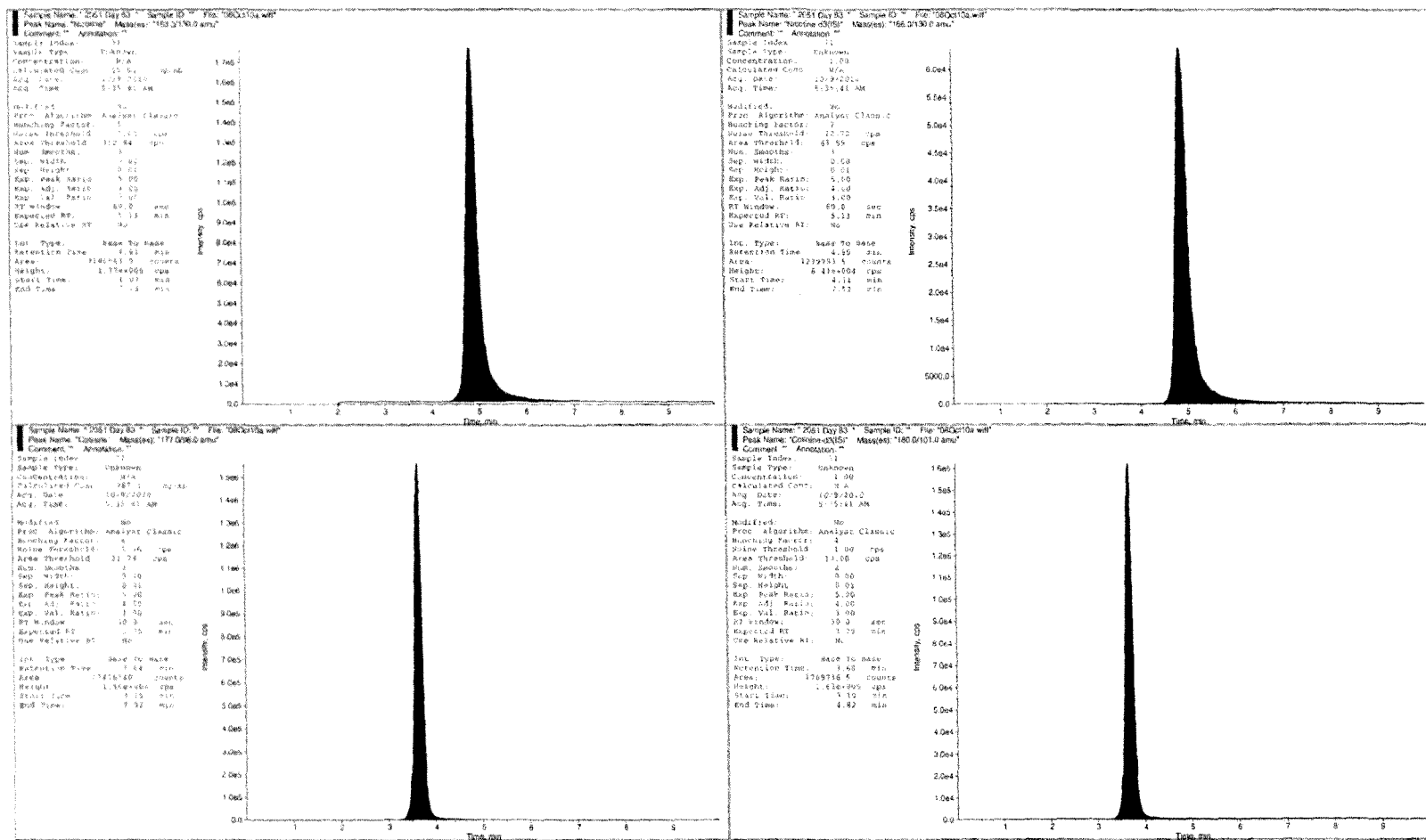
Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:25 AM



Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

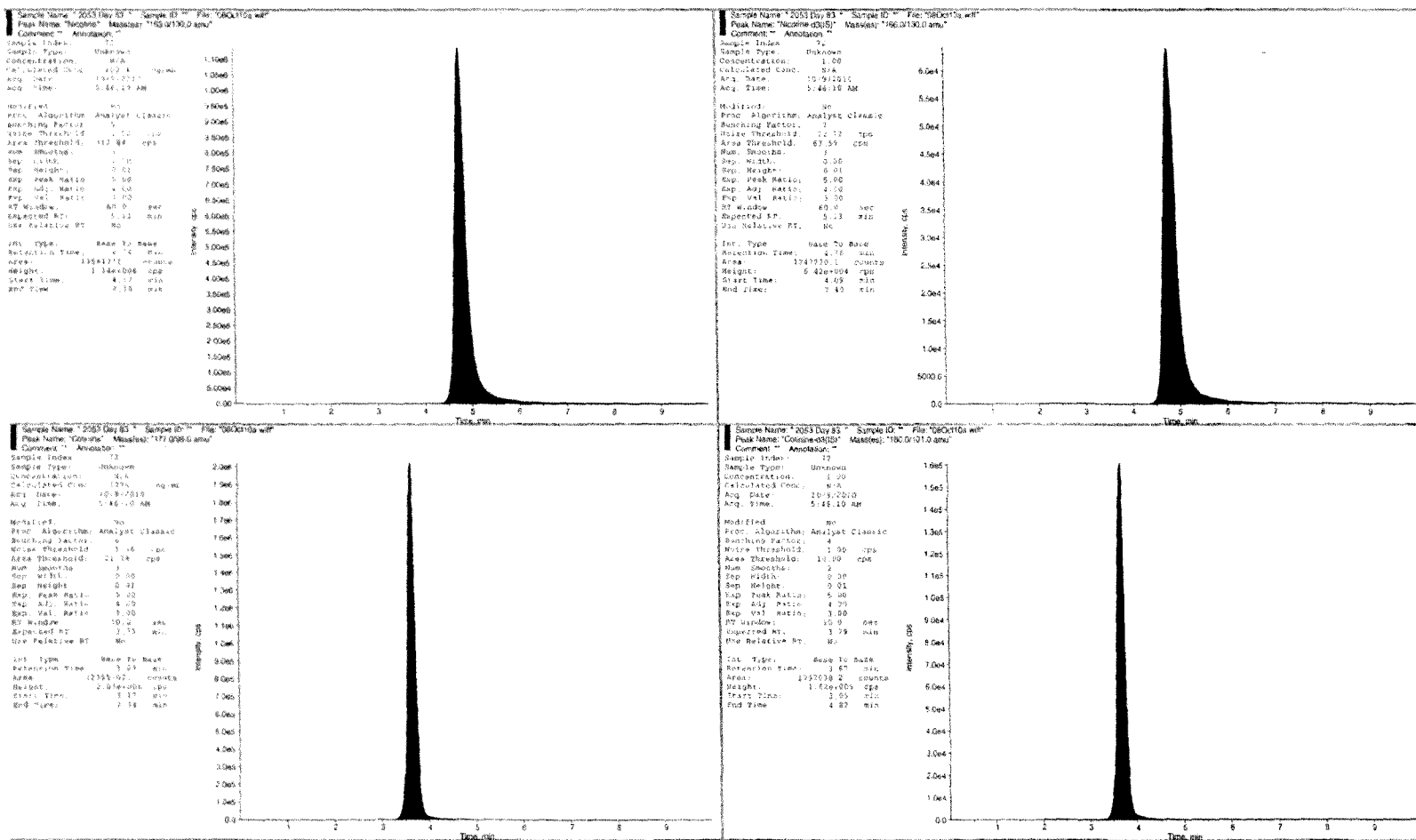
Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:25 AM



Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qm1
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

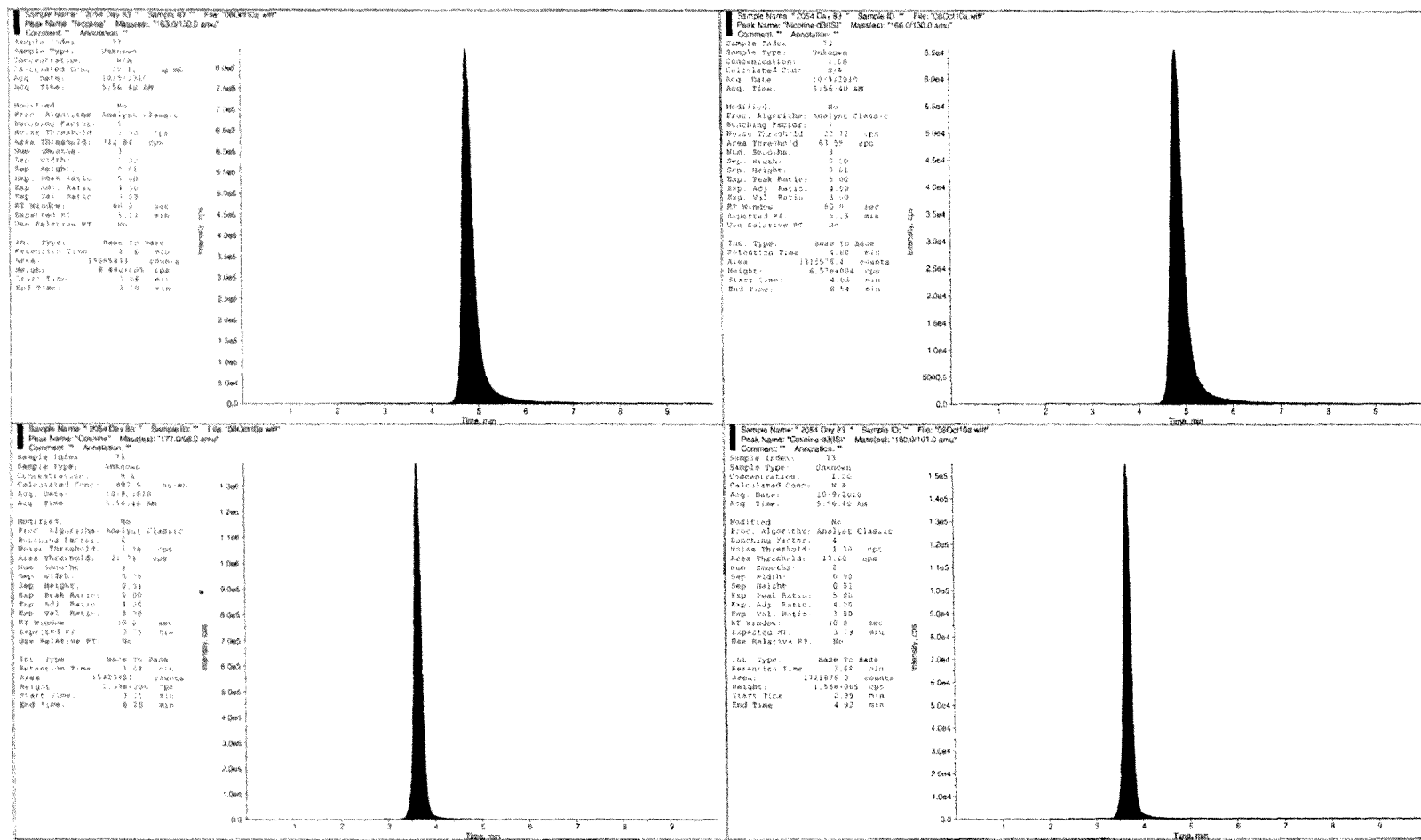
Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:25 AM



Project: CN49730G Nicotine Rat A900750503
 Method Name: 08Oct10a.qmt
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:25 AM

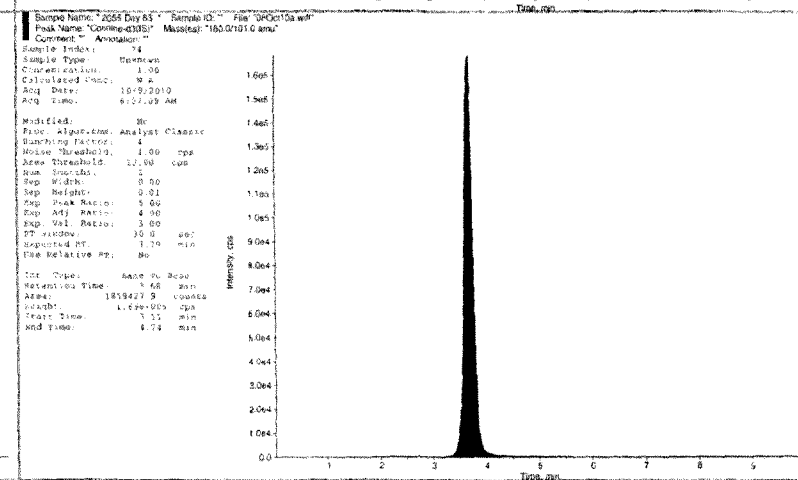
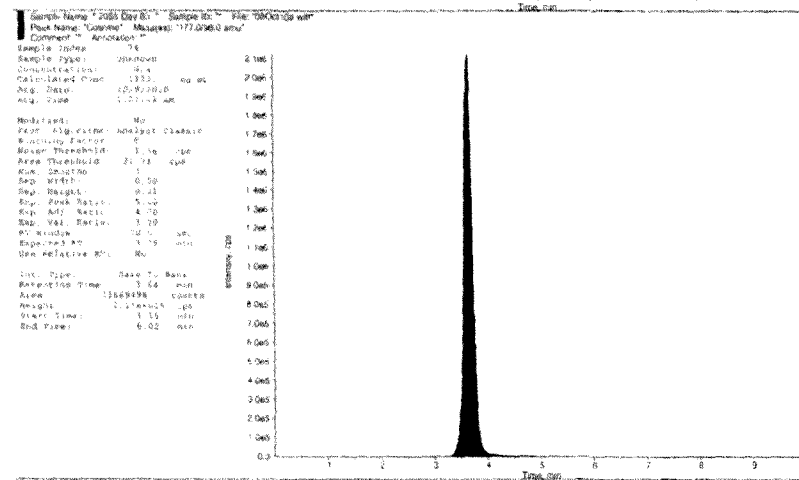
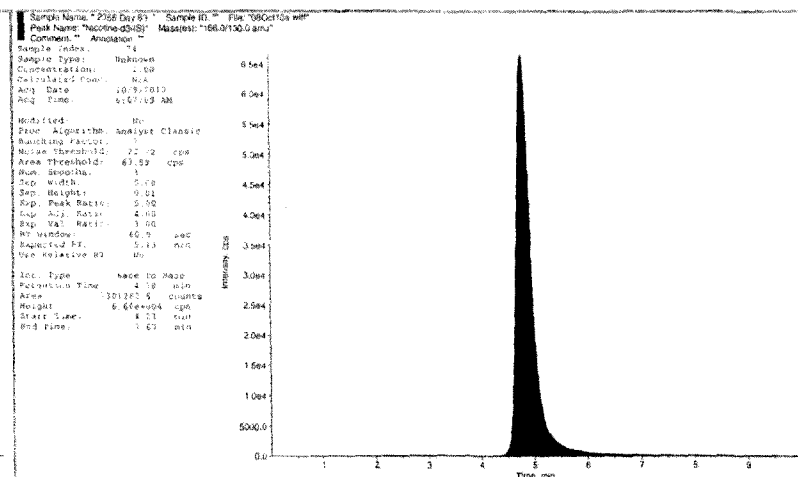
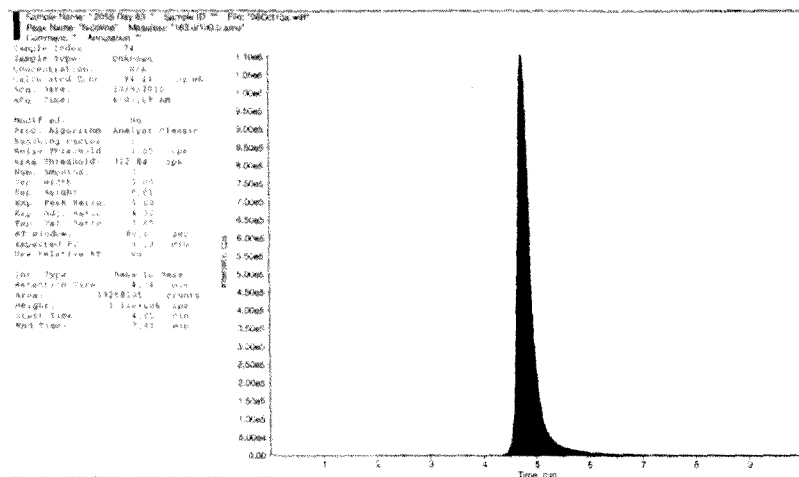


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

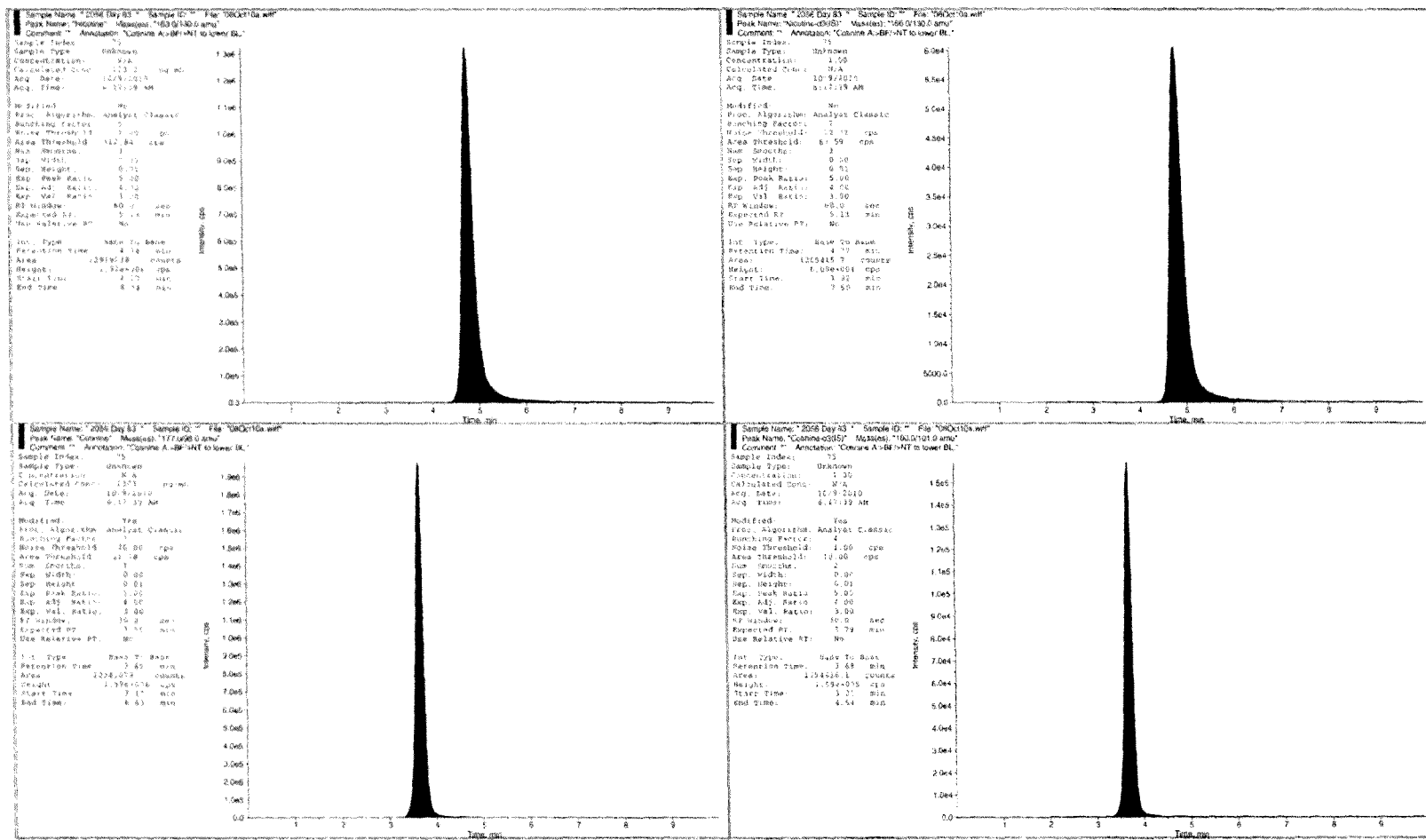
Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:26 AM



Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.3

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:26 AM

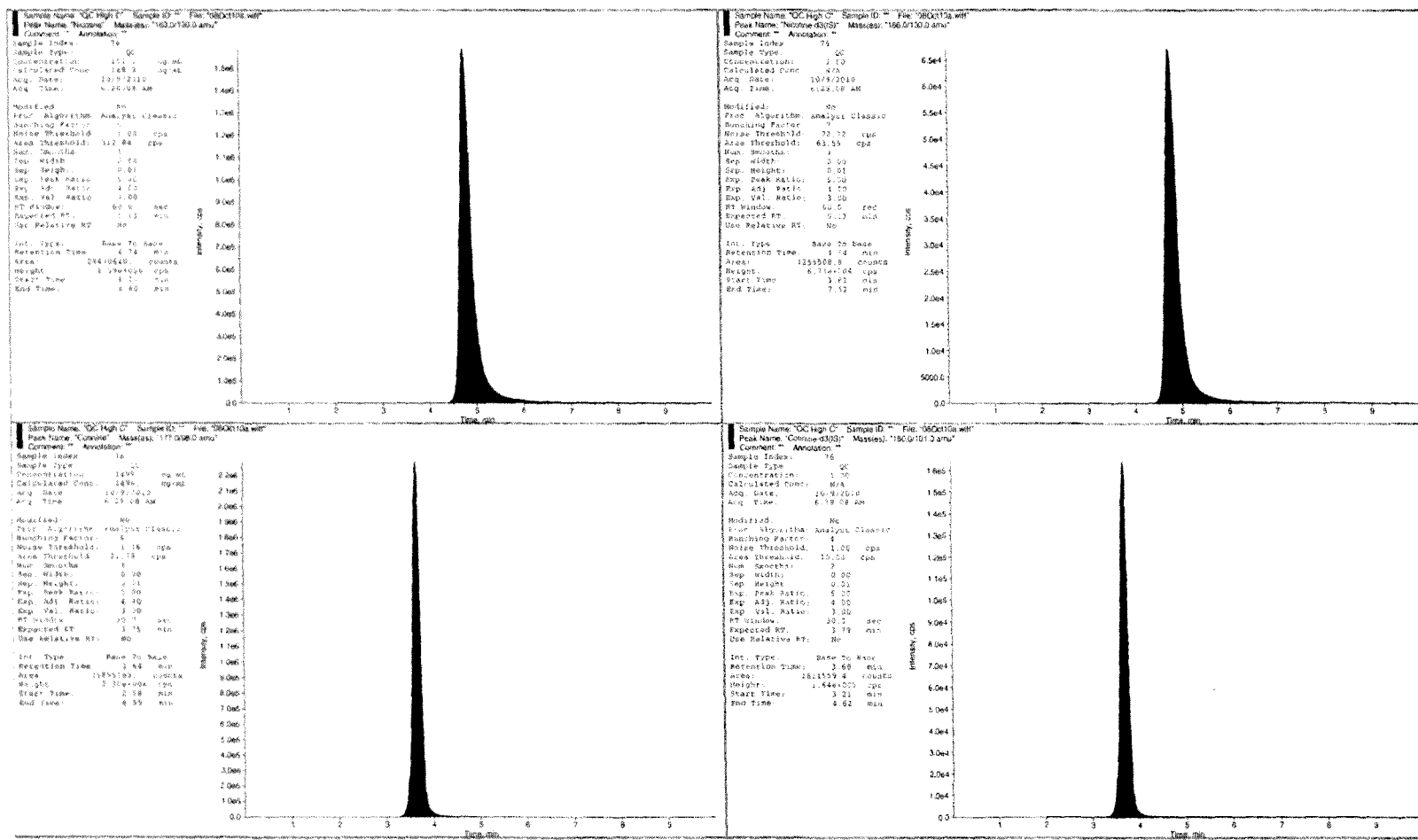


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Project: CN49730G Nicotine Rat AG09750503
Method Name: 08Oct10a.qm1
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

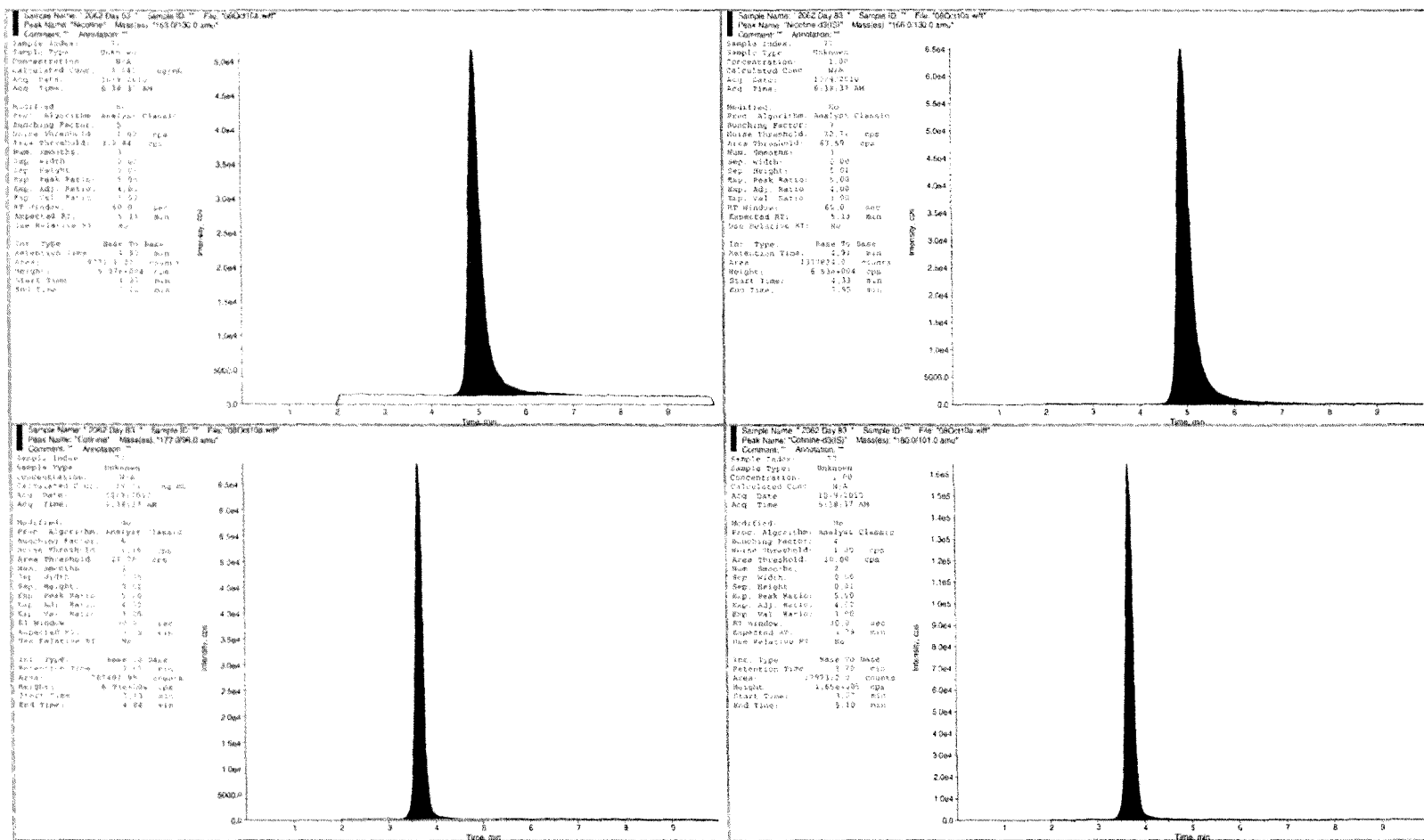
Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:26 AM



Project: CN49730G Nicotine Rat AG00756503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:26 AM

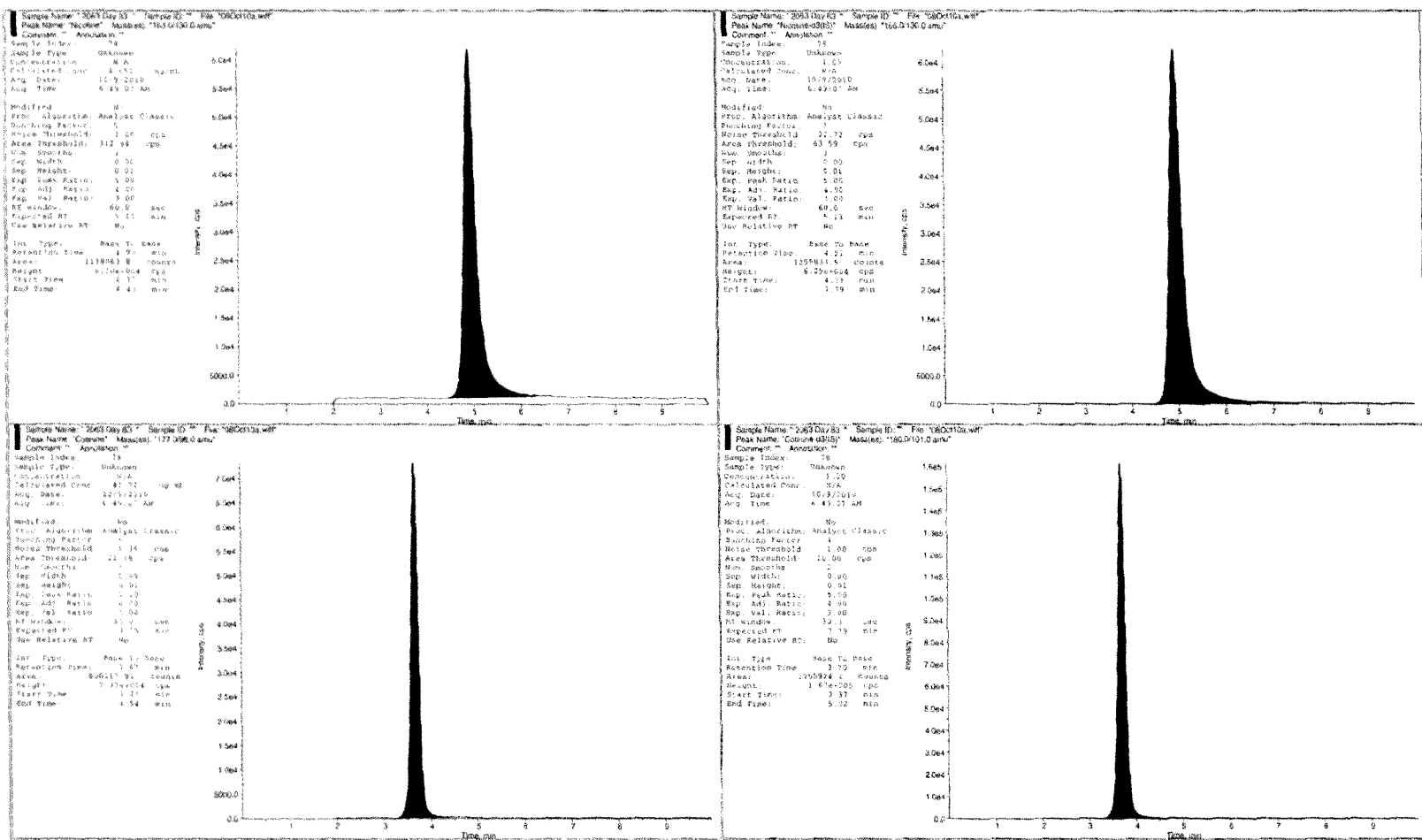


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Project: CN49730G Nicotine Rat AG0075053
 Method Name: 08Oct10a.qmt
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:27 AM

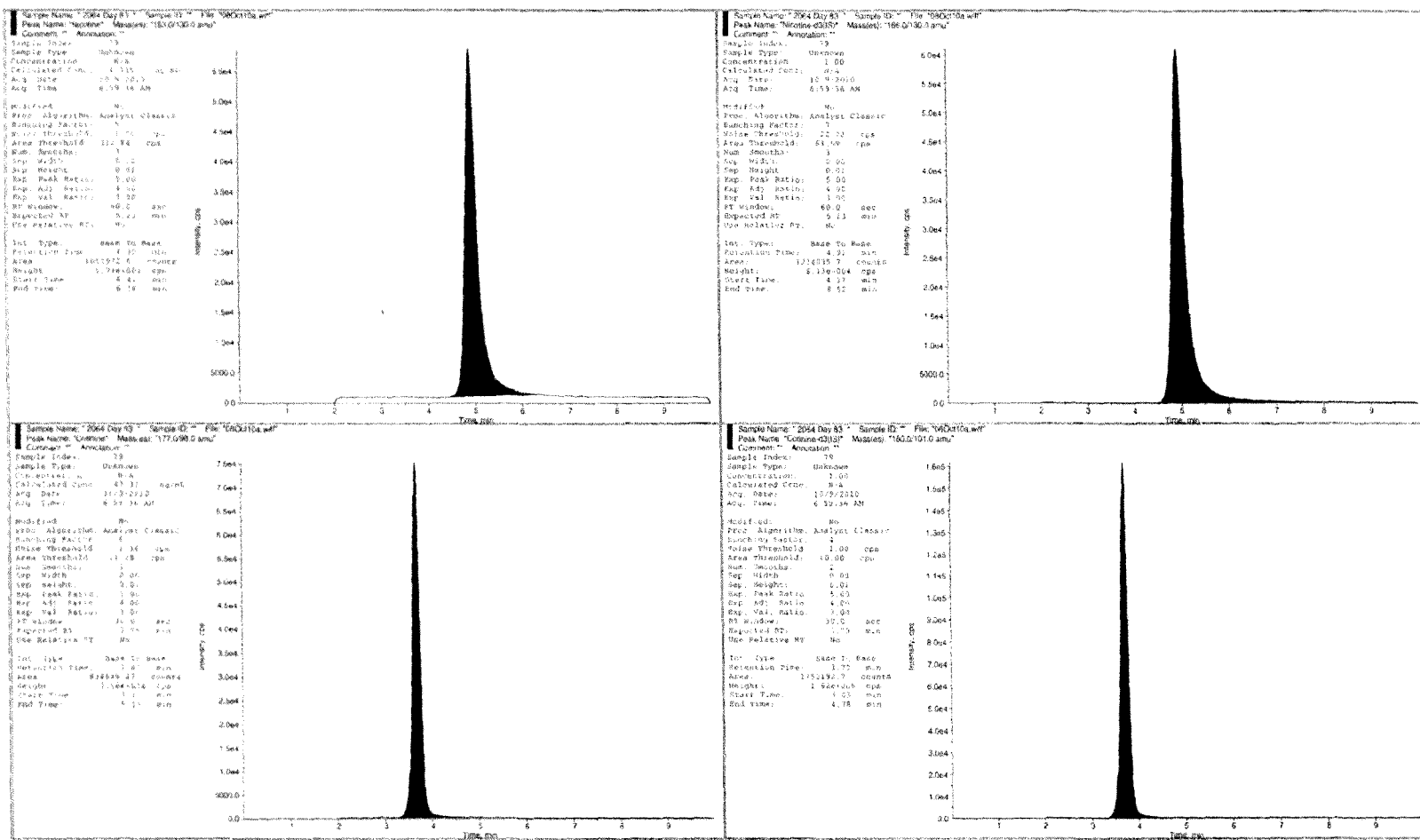


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Project: CN49730G Nicotine Rat AG-0750503
Method Name: GR0ct10a.qmf
Analyst Version: 1.4.2

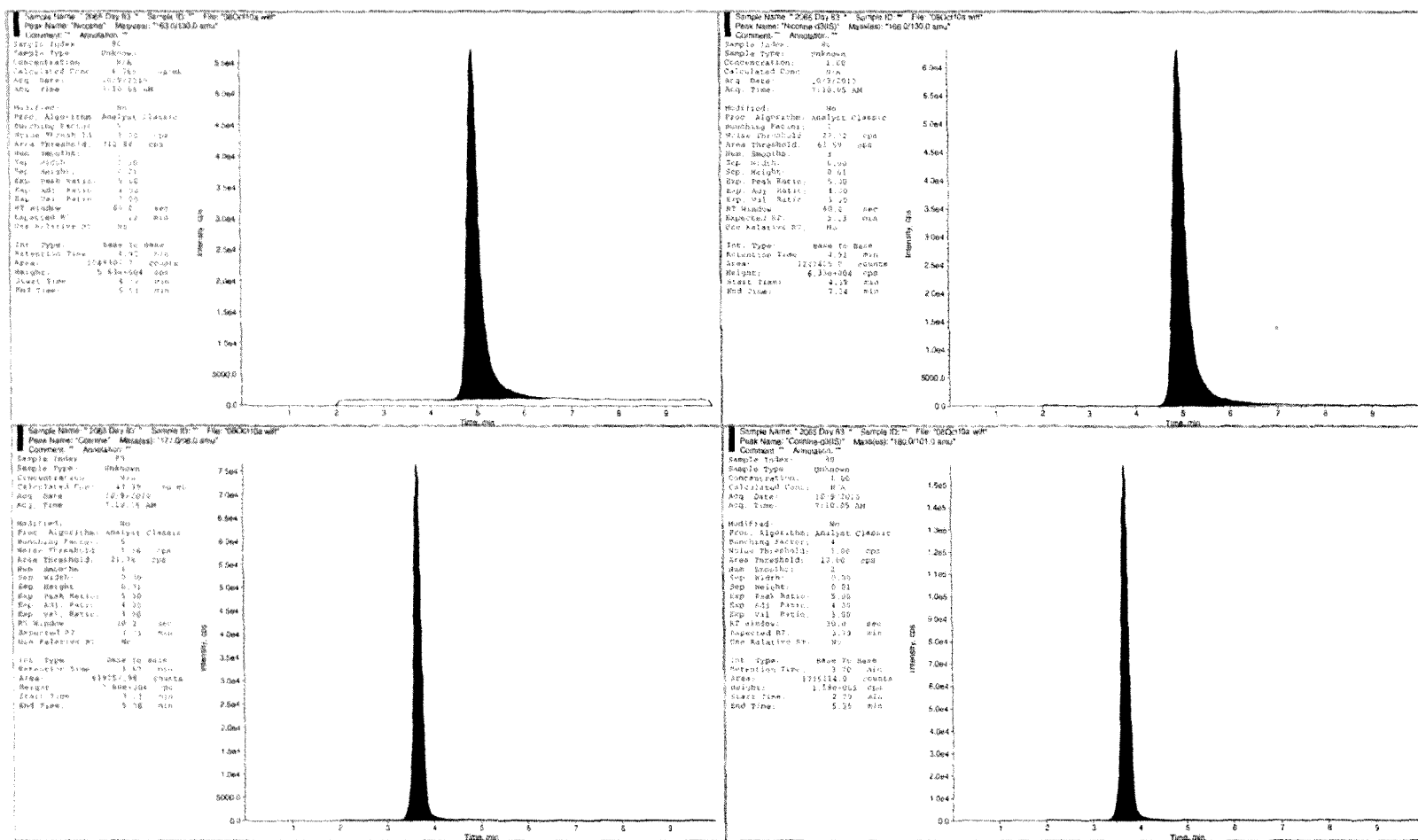
Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:27 AM

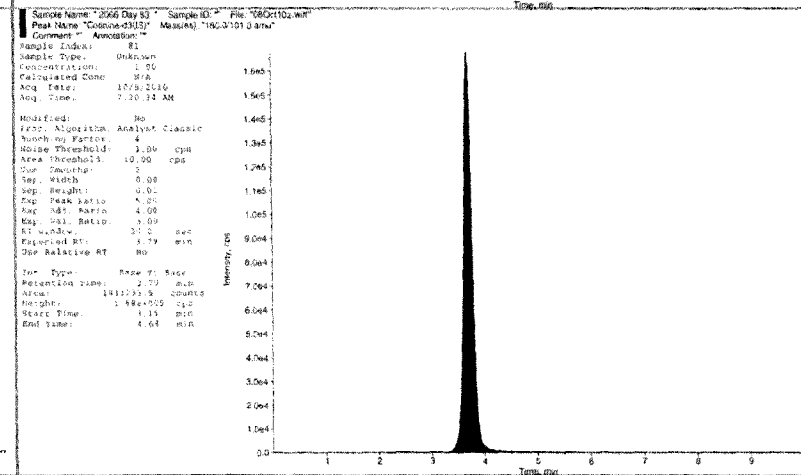
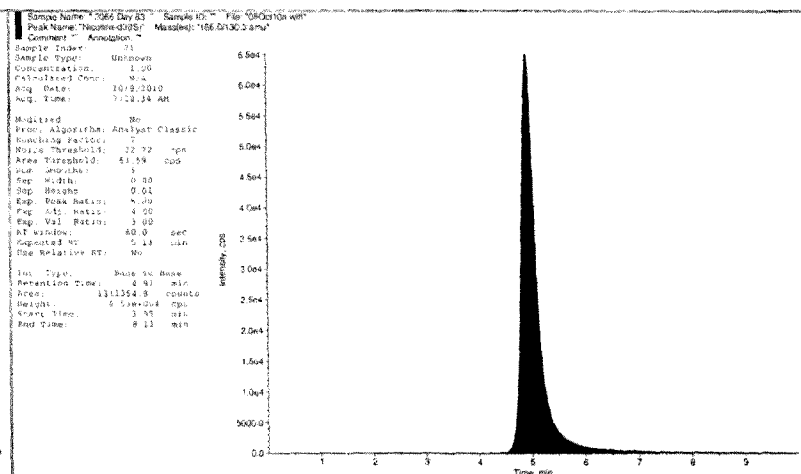


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Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:27 AM



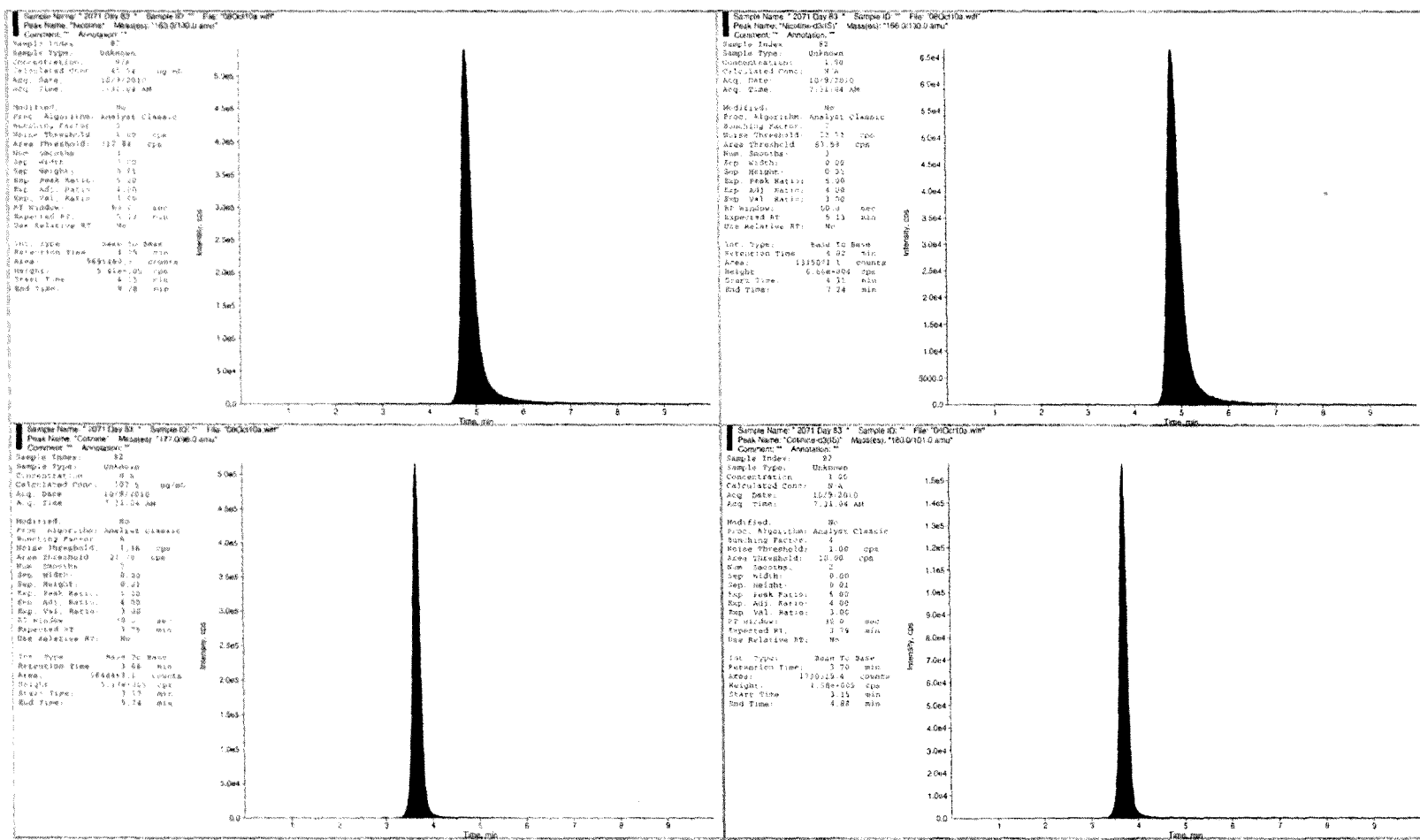
Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:27 AM



Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmt
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:27 AM

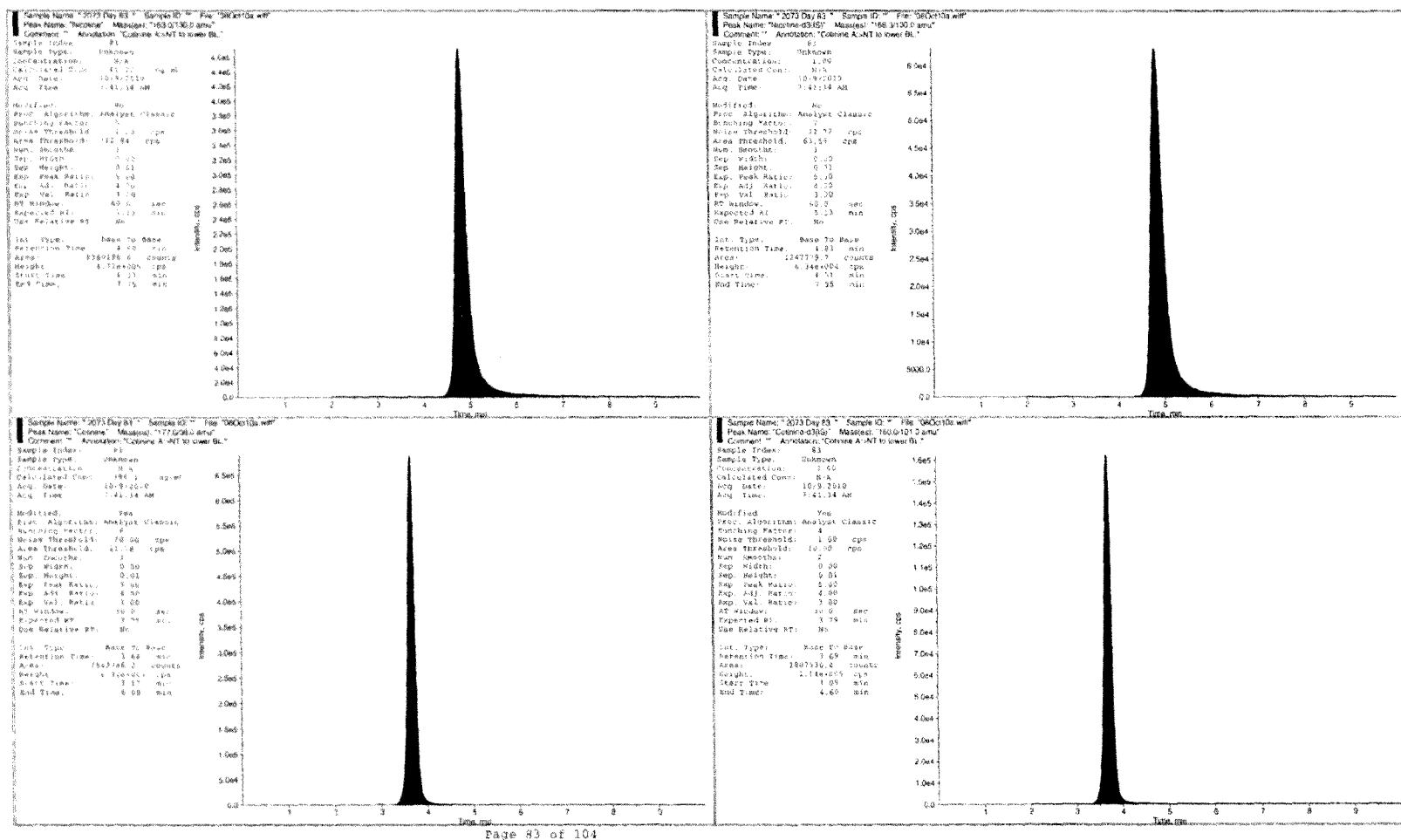


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmz
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:28 AM

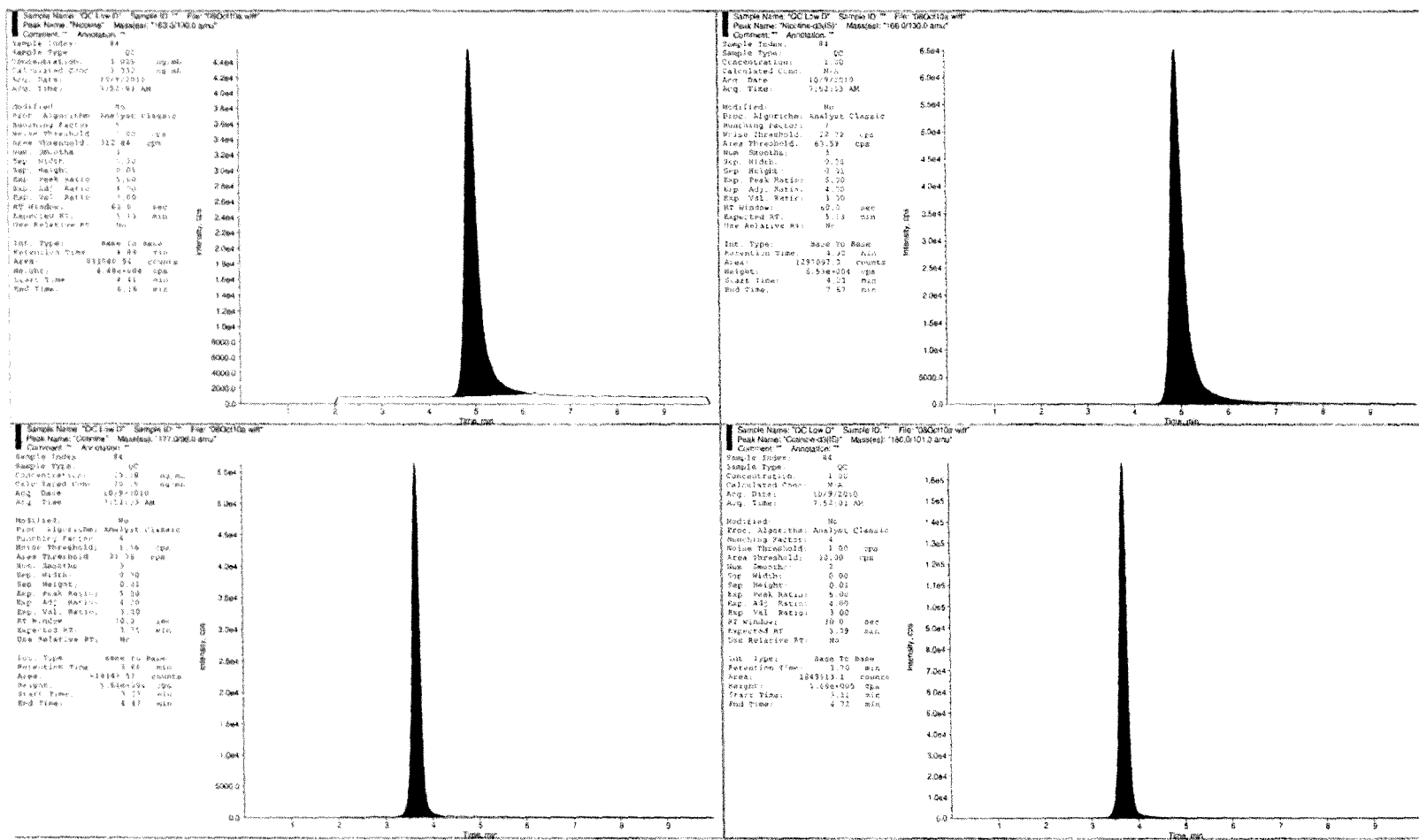


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmf
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:28 AM

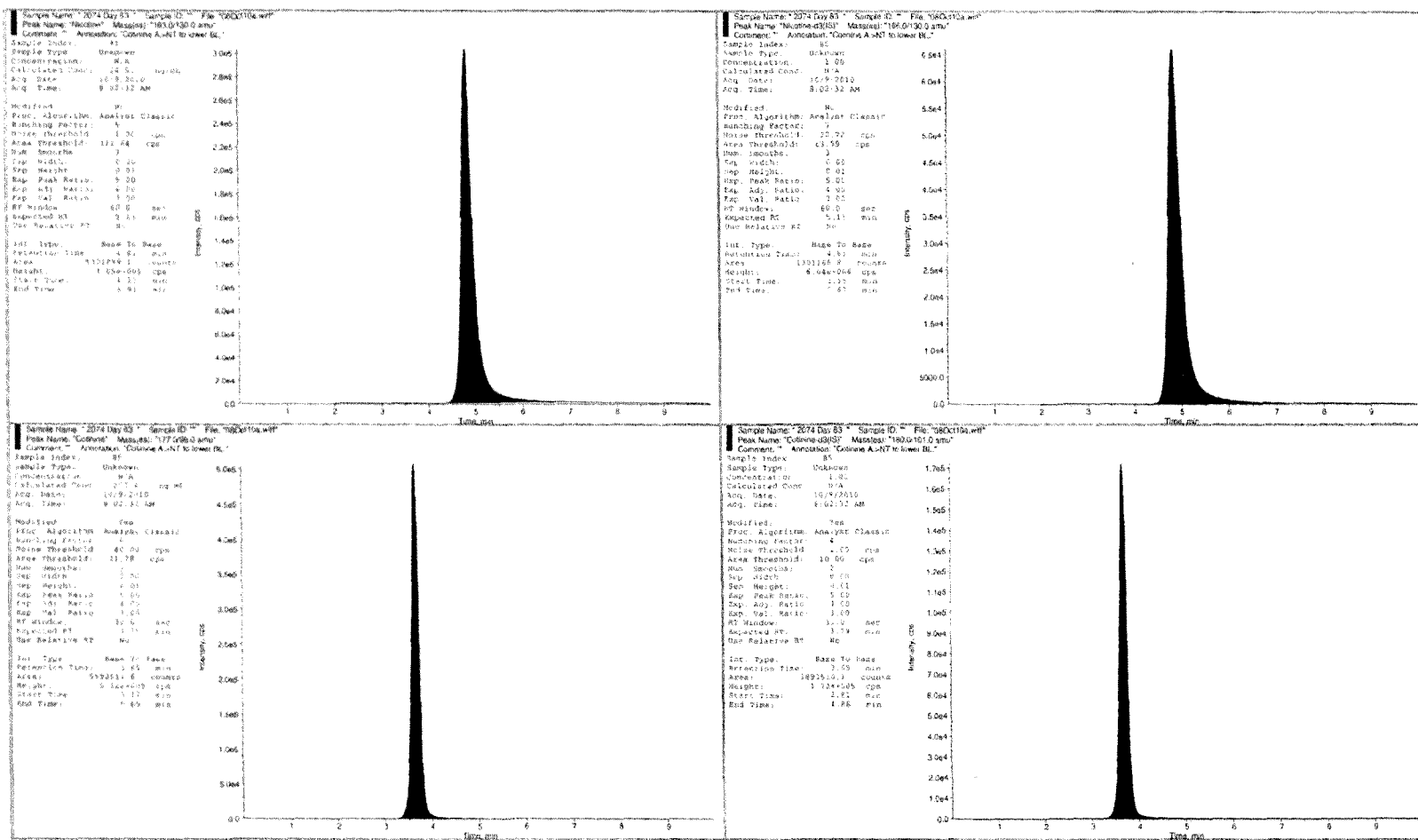


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.rpt
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:29 AM

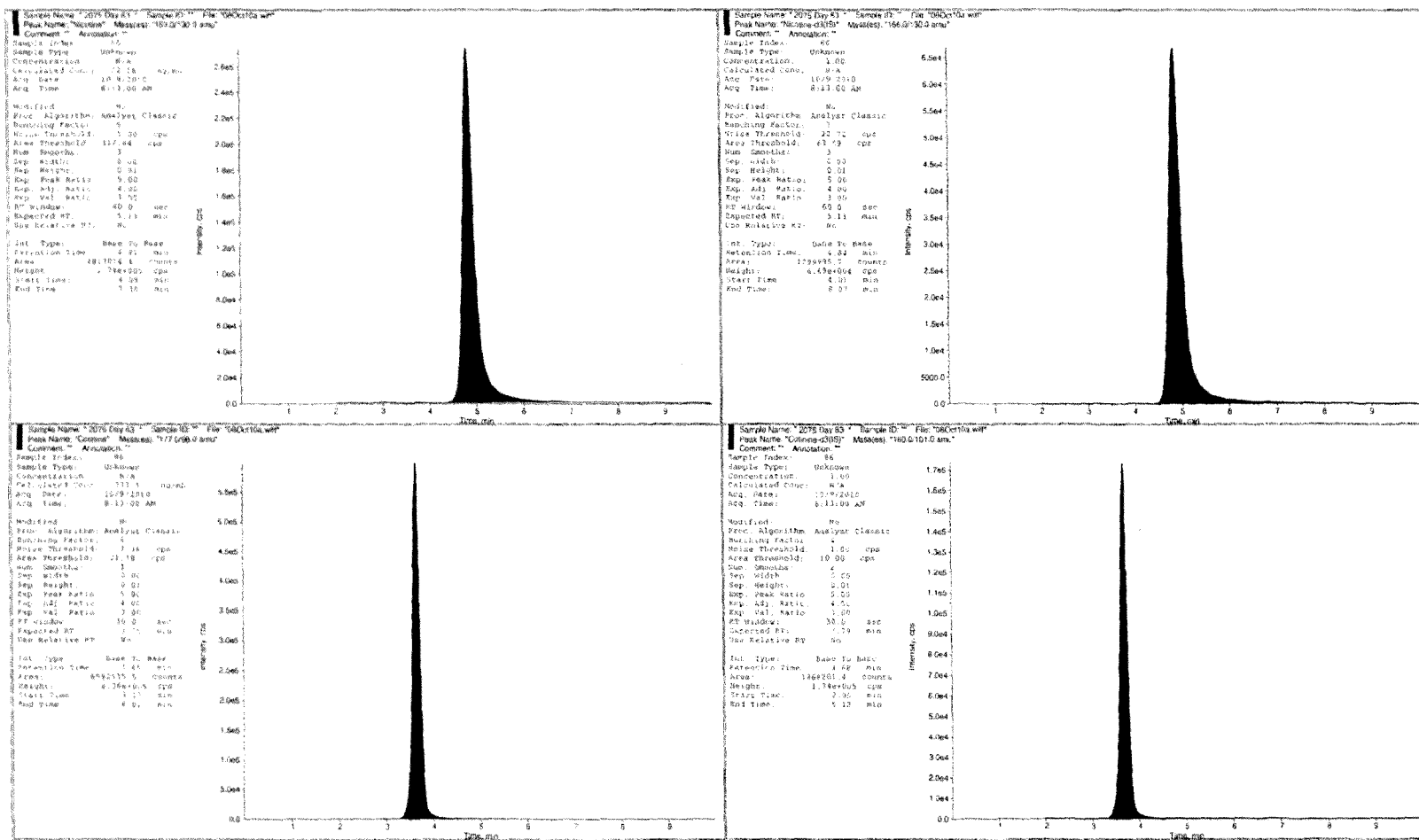


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:28 AM

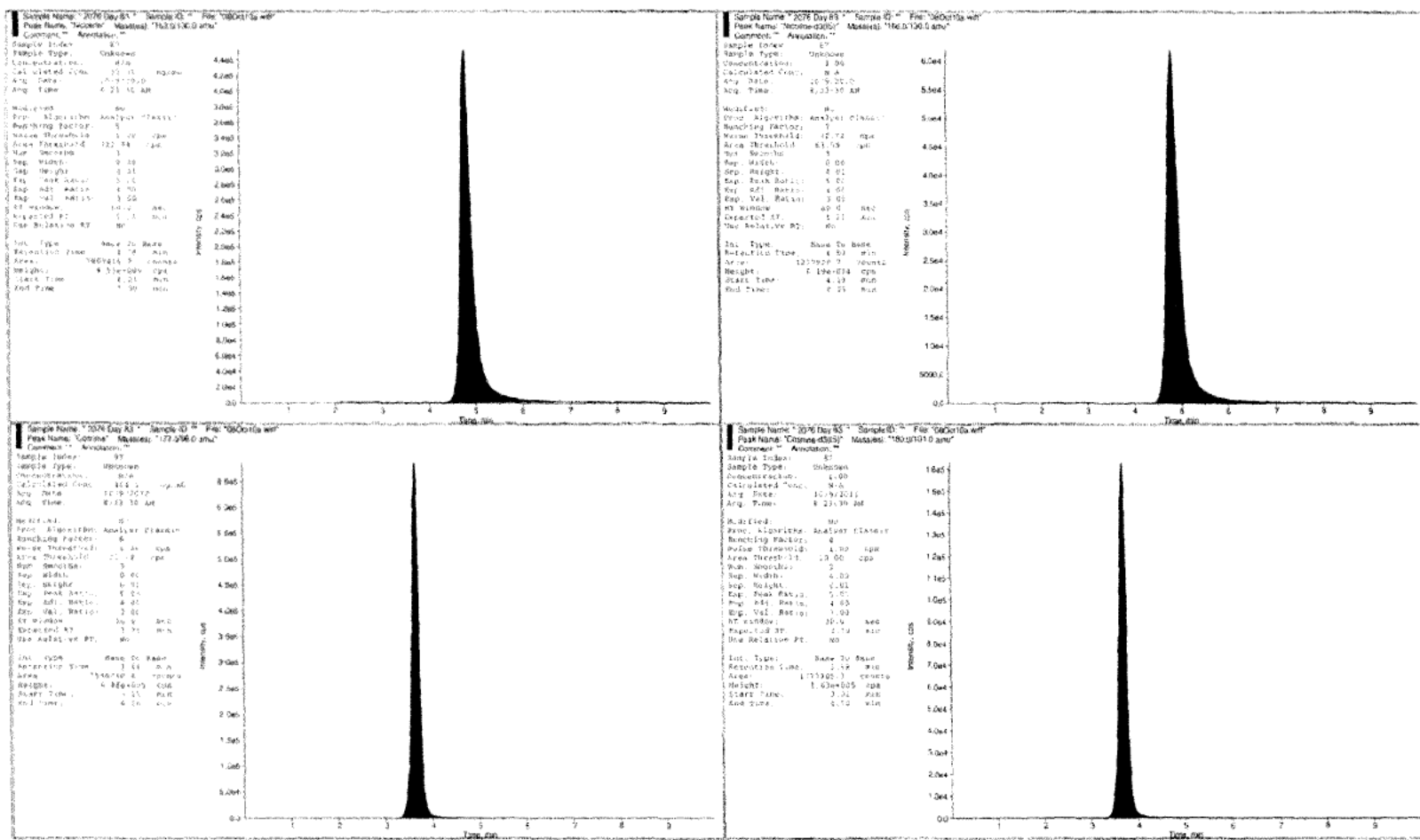


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Project: CN49730G Nicotine Rat A600750563
 Method Name: 08Oct10a.qm
 Analyst Version: 2.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:29 AM

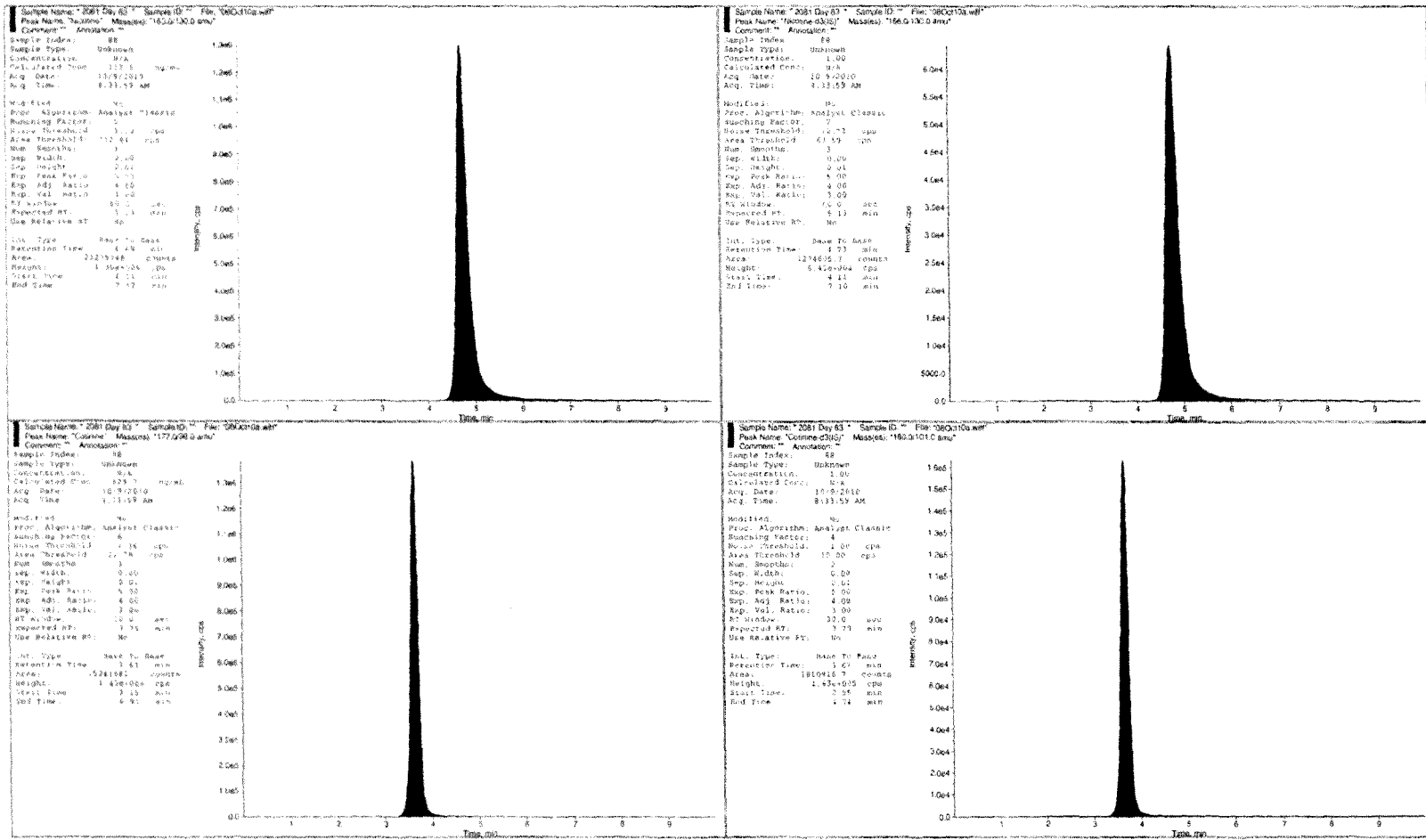


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.1.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:29 AM

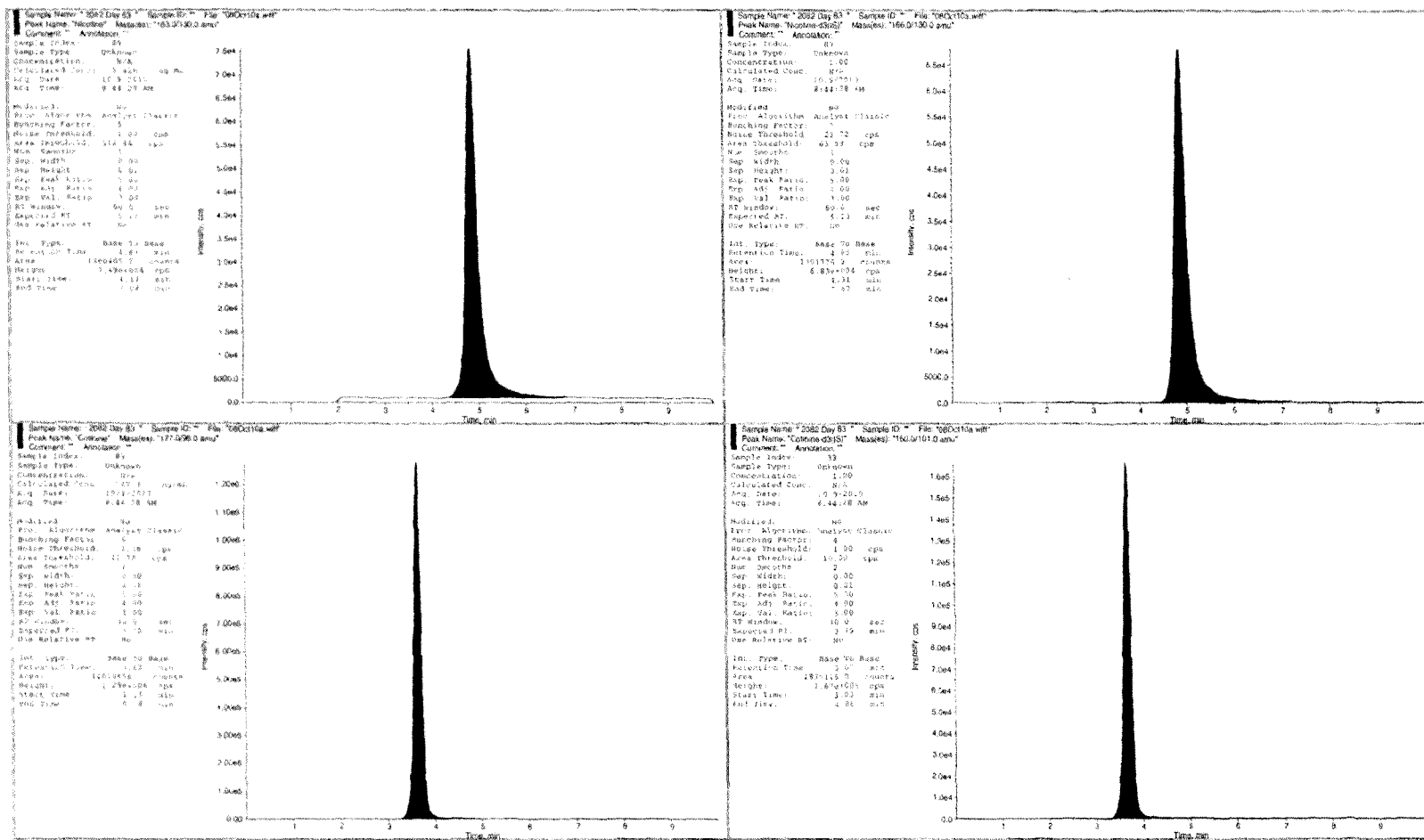


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:29 AM

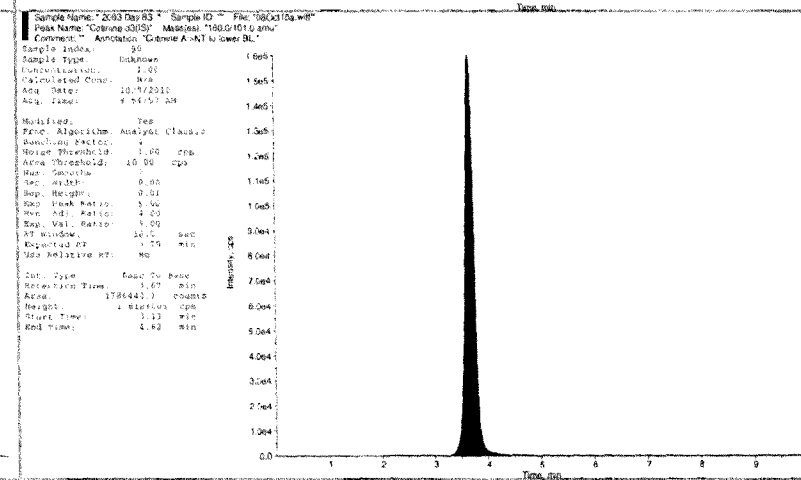
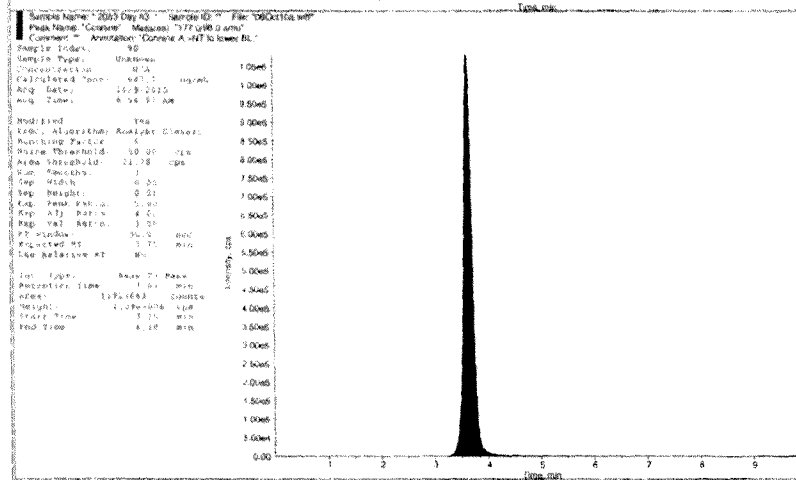
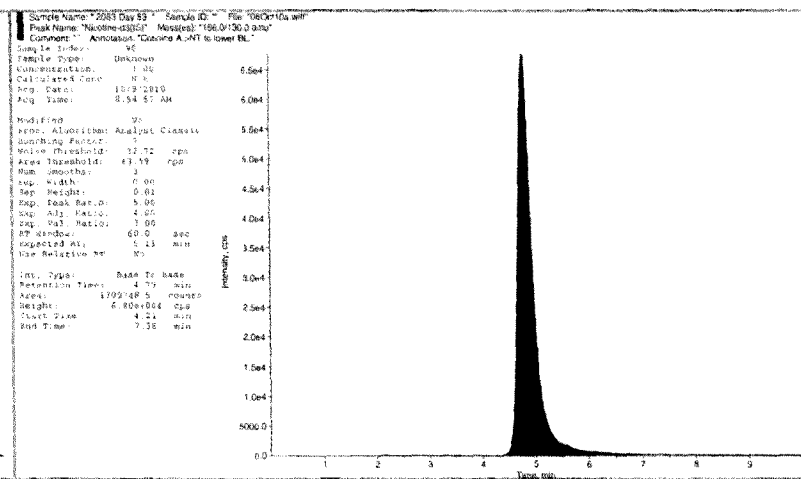
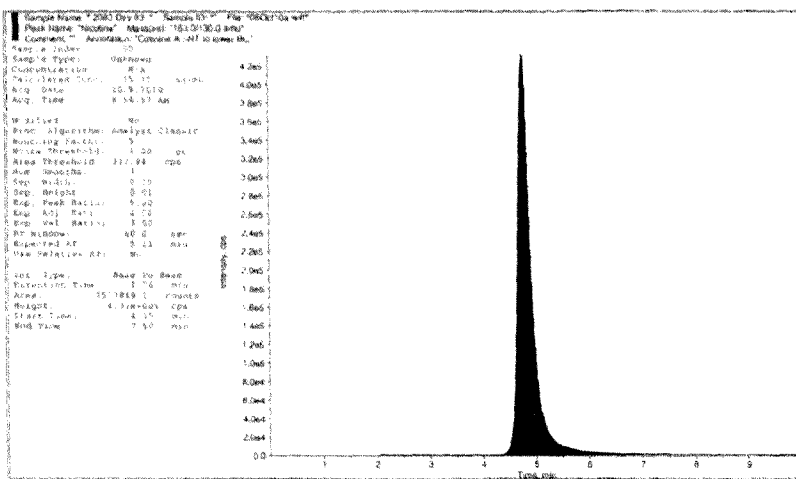


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: Q8Oct10a.cmf
 Analyst Version: 1.4.2

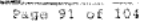
Results Name: Q8Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:29 AM



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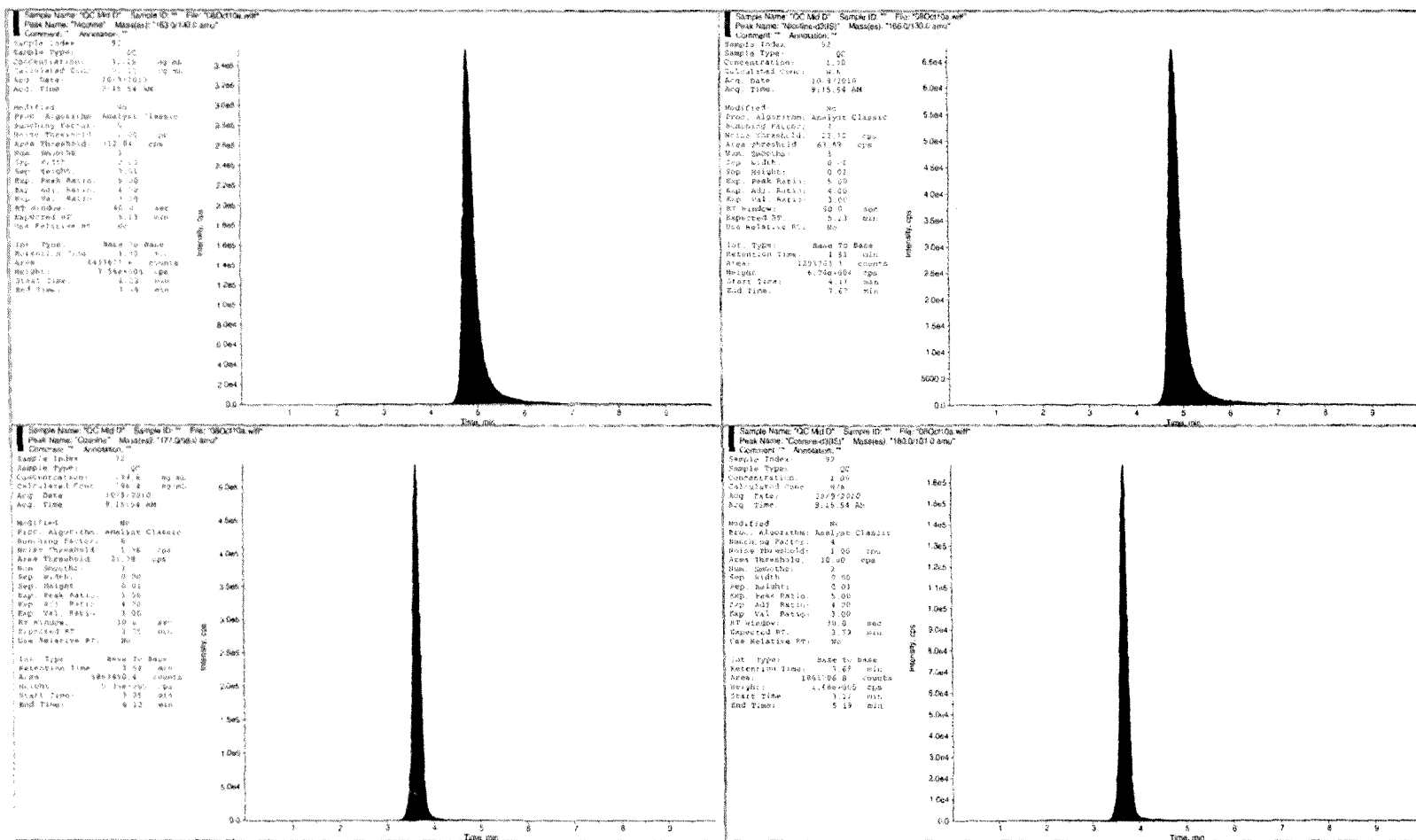
Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:29 AM



Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:30 AM

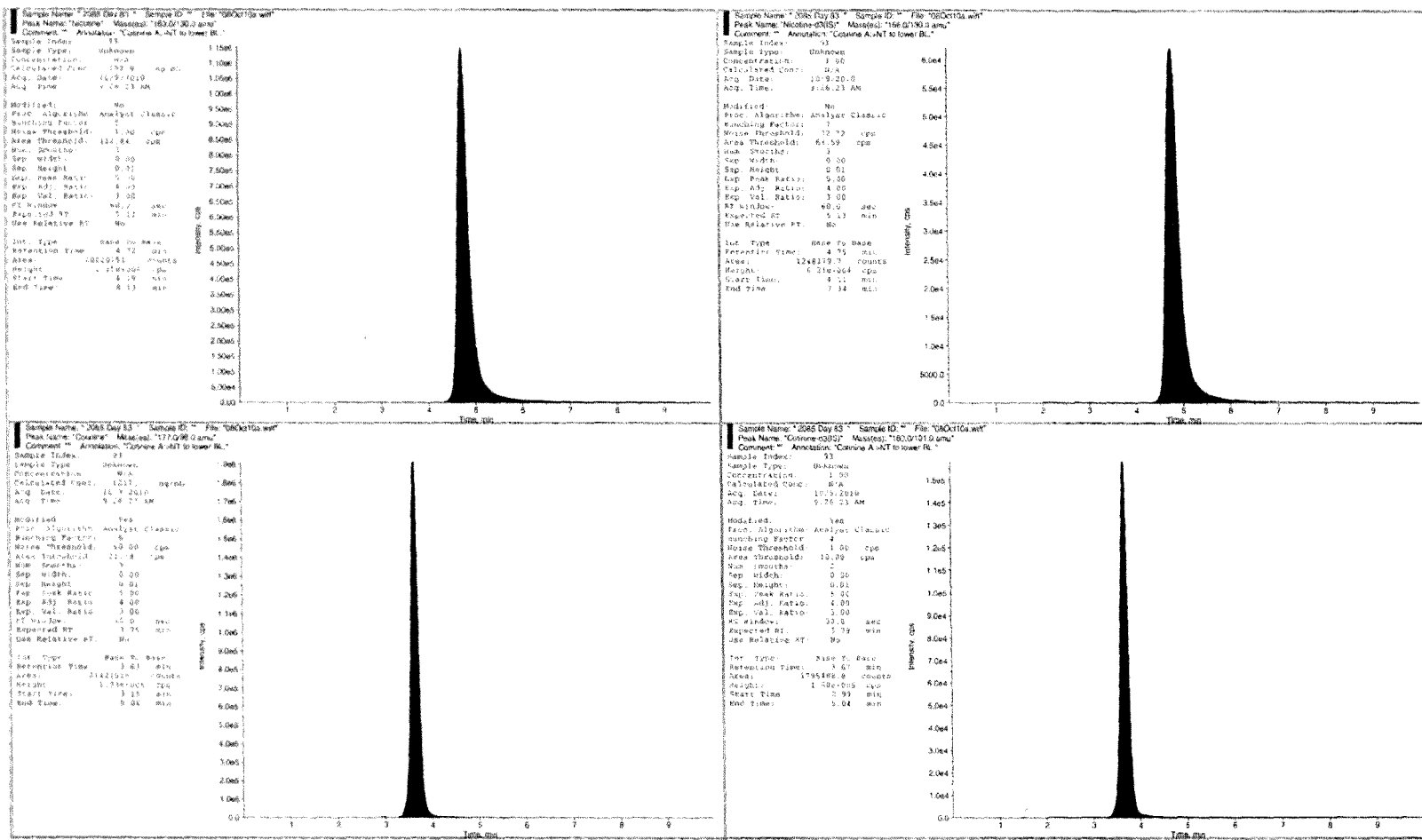


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qmt
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:30 AM

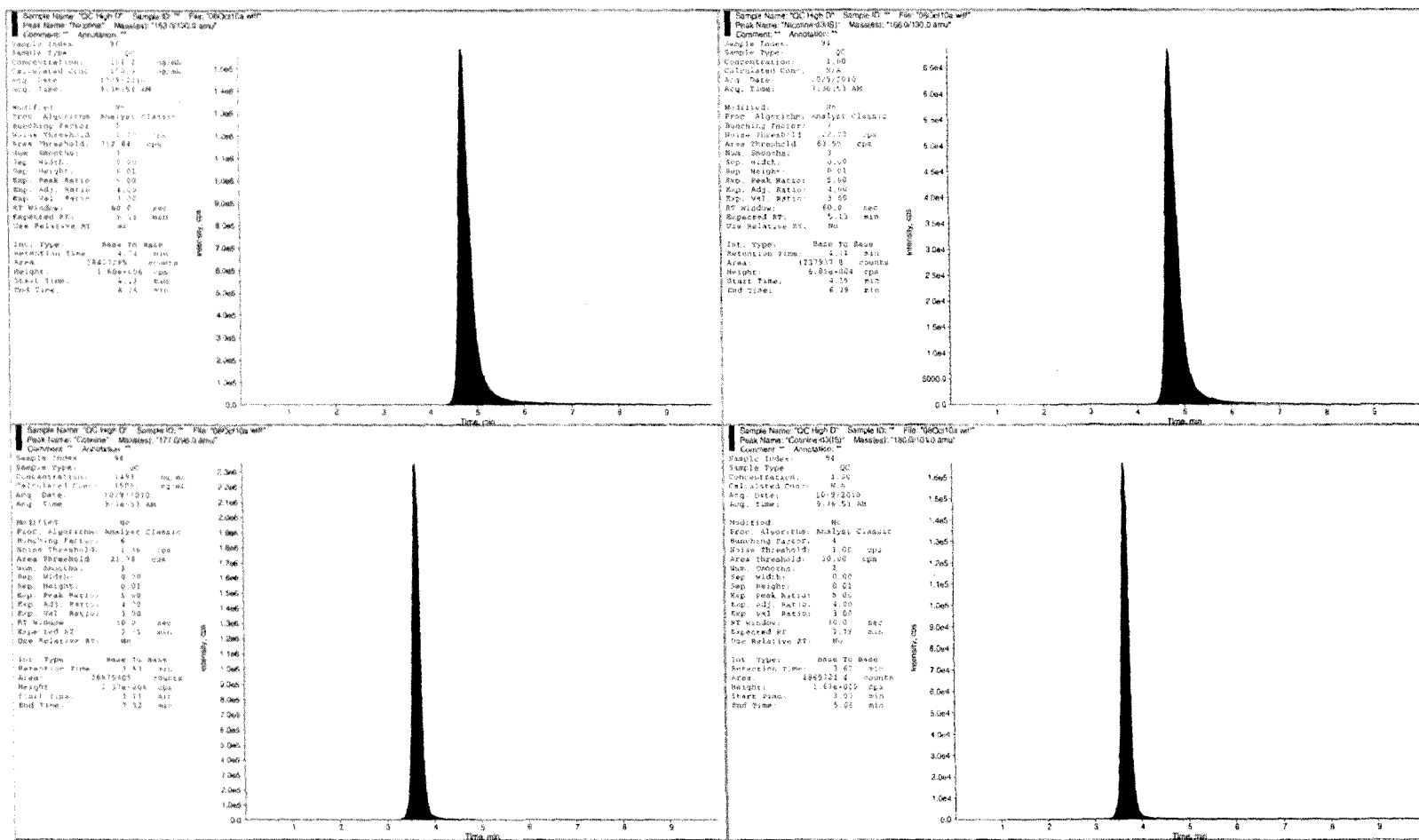


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Project: CN49730G Nicotine Rat AQ00750503
 Method Name: 08Oct10a.qmf
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:30 AM

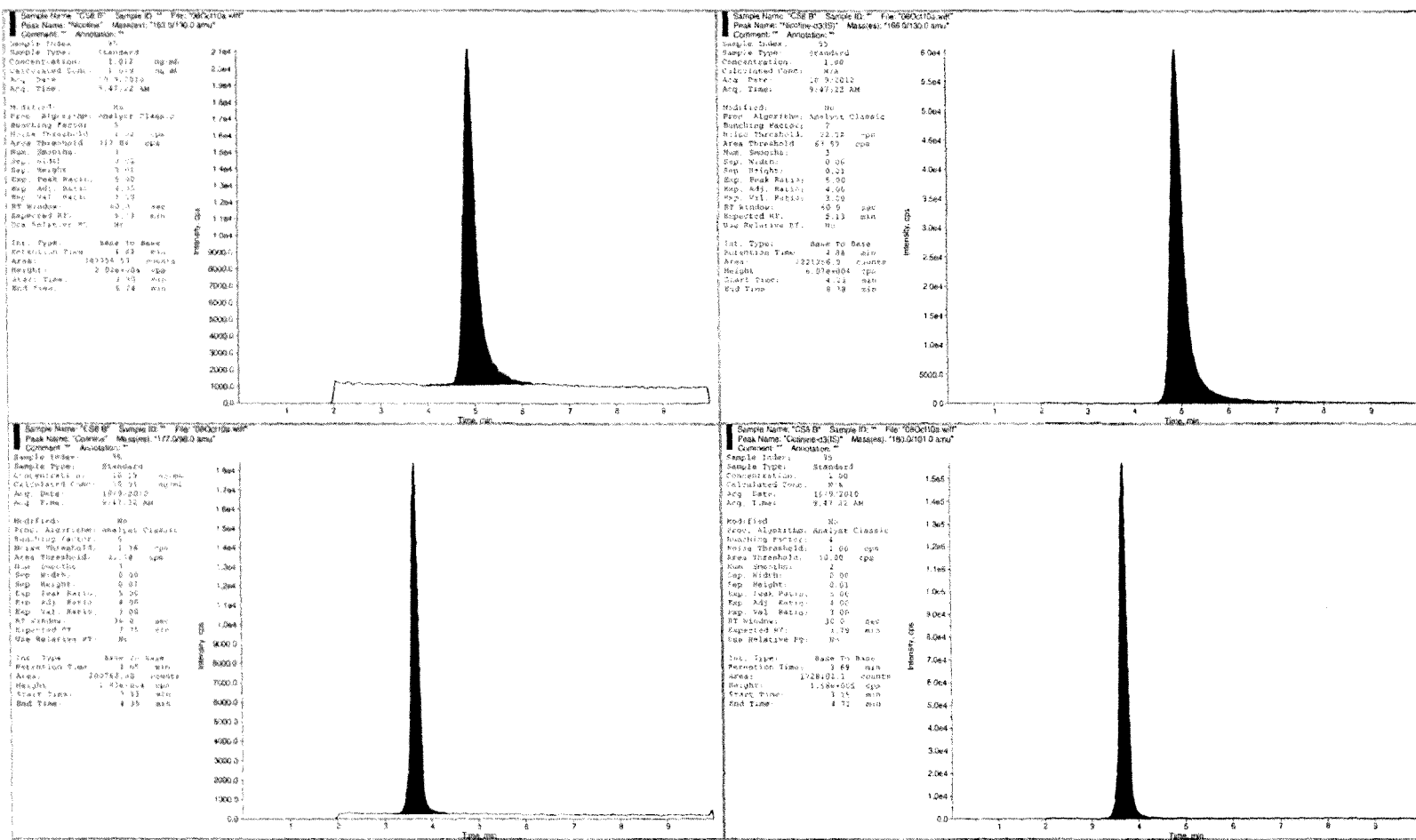


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Project: CN49730G Nicotine Rat AG00750503
Method Name: 08Oct10a.qmr
Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
Printing Date: Friday, October 15, 2010
Printing Time: 11:17:30 AM

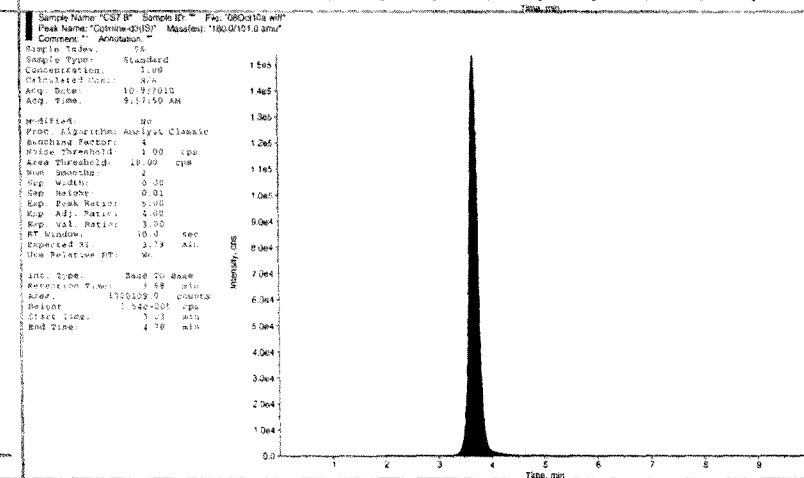
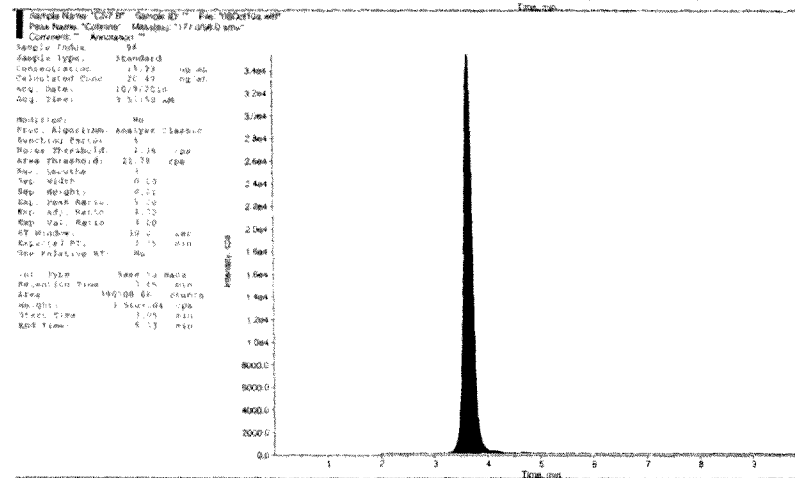
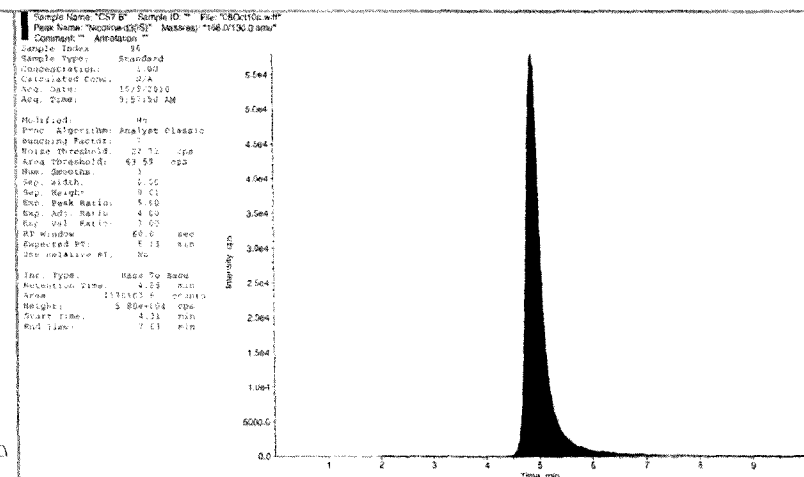
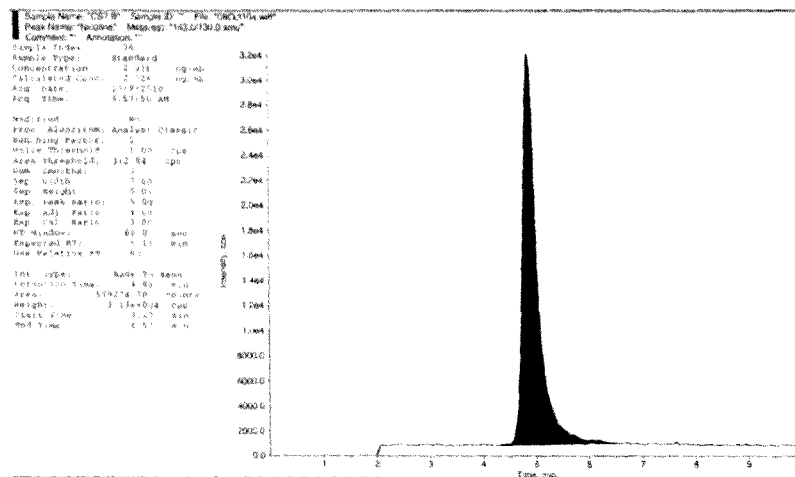


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Project: CN49730G Nicotine Rat AG00750503
 Method Name: 08Oct10a.qst
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

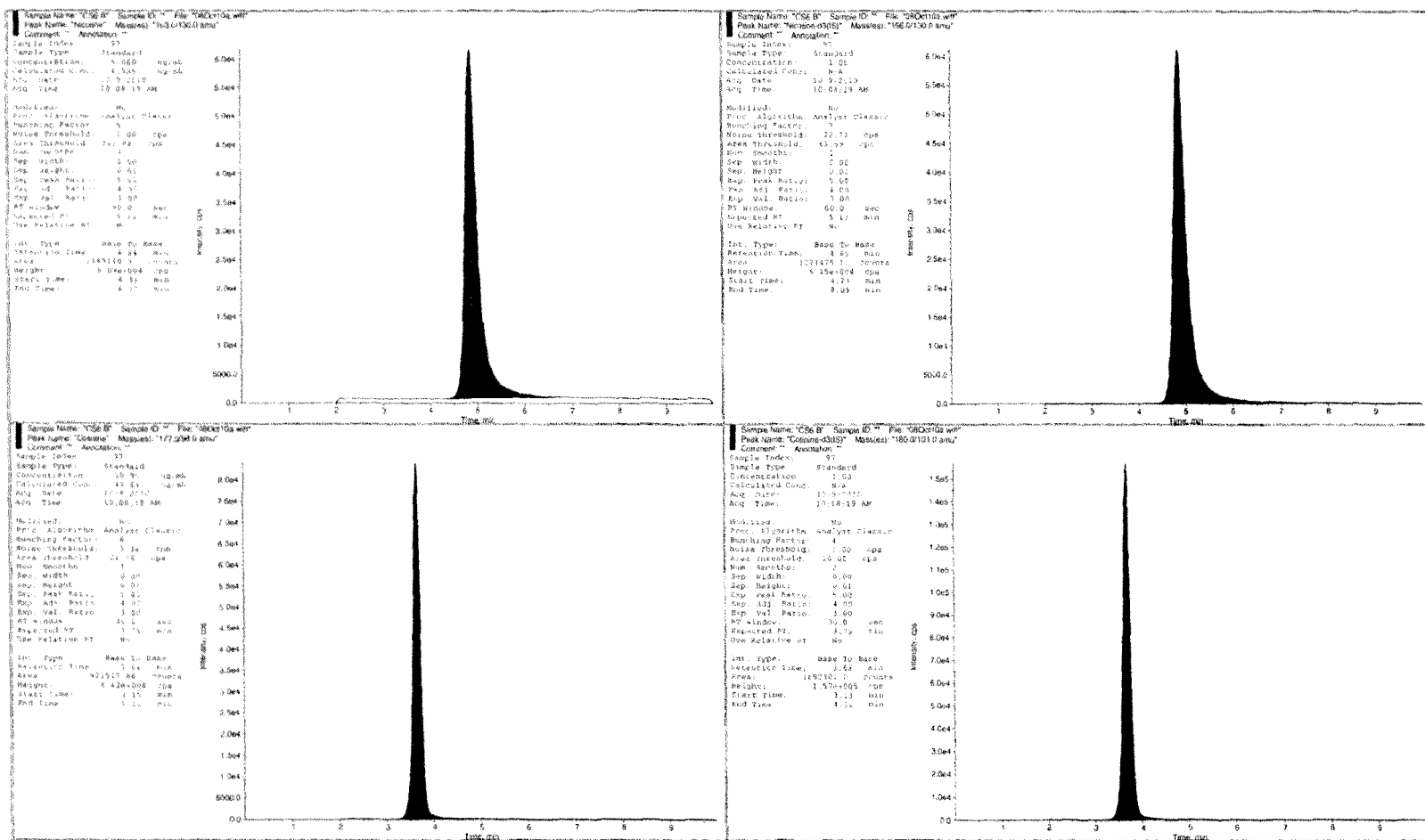
Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:31 AM



Project: CN49730G Nicotine Rat A300750503
 Method Name: 08Oct10a.qmt
 Analyst Version: 1.4.2

Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
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 Printing Time: 11:17:31 AM

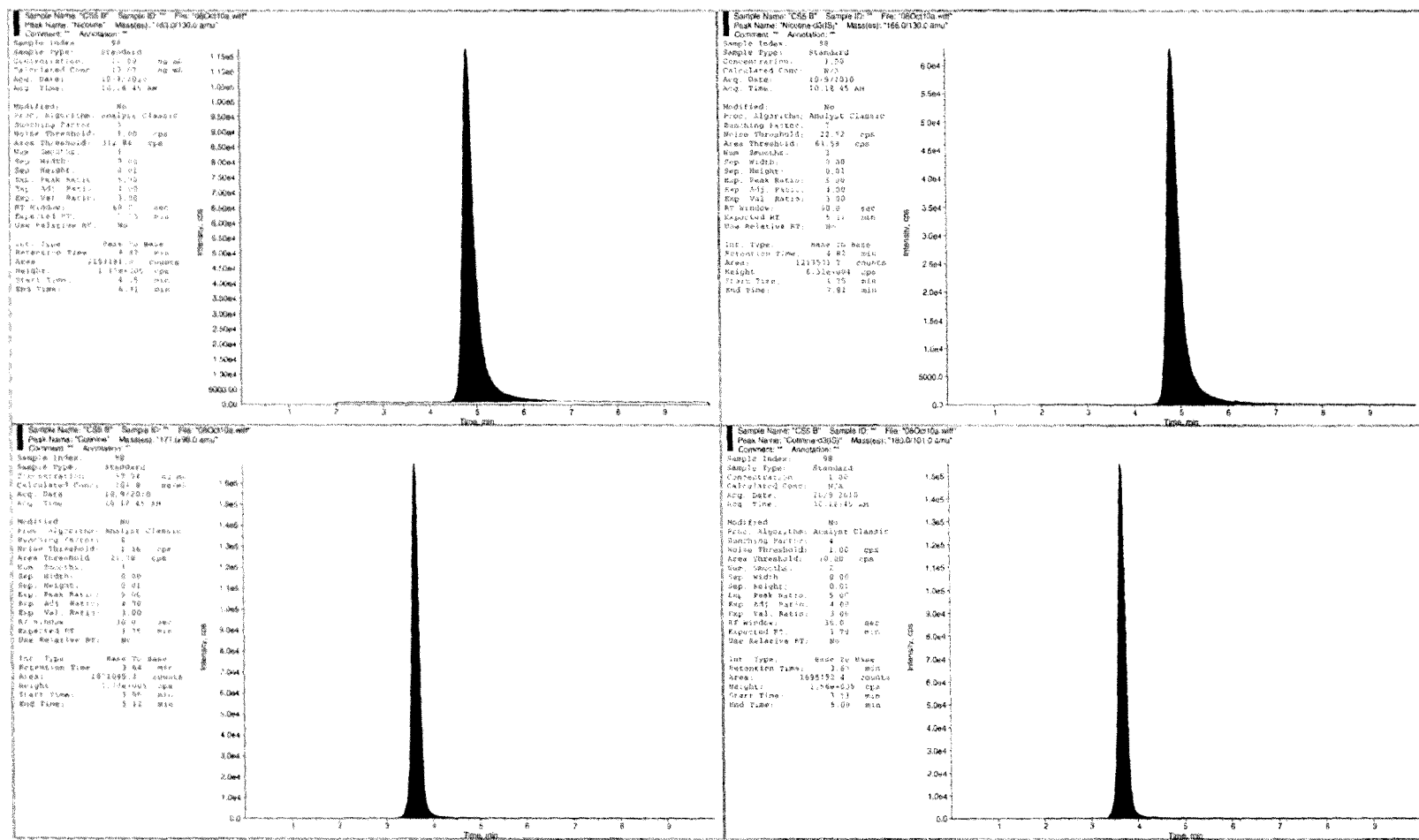


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Results Name: 08Oct10a.rdb

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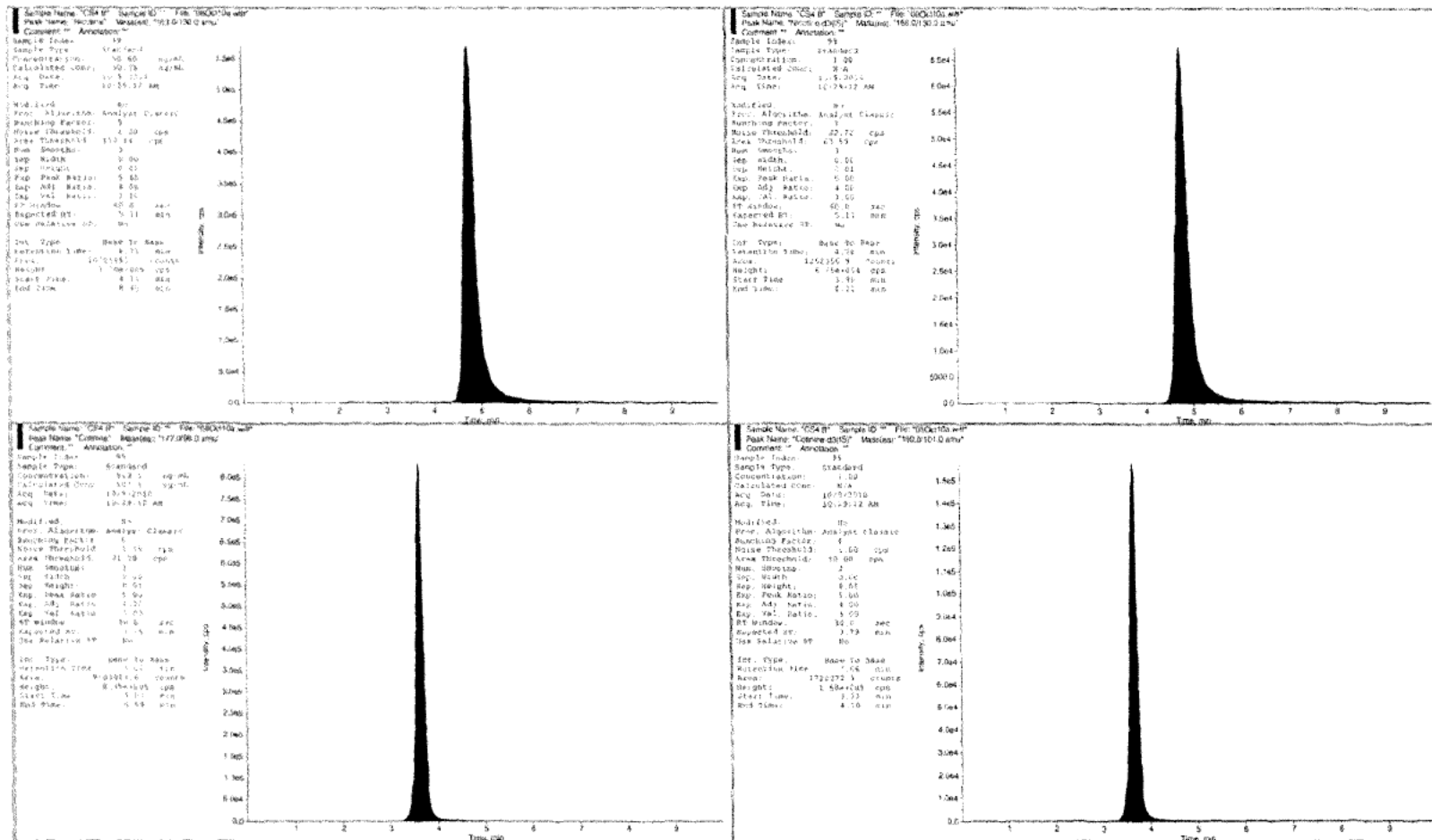


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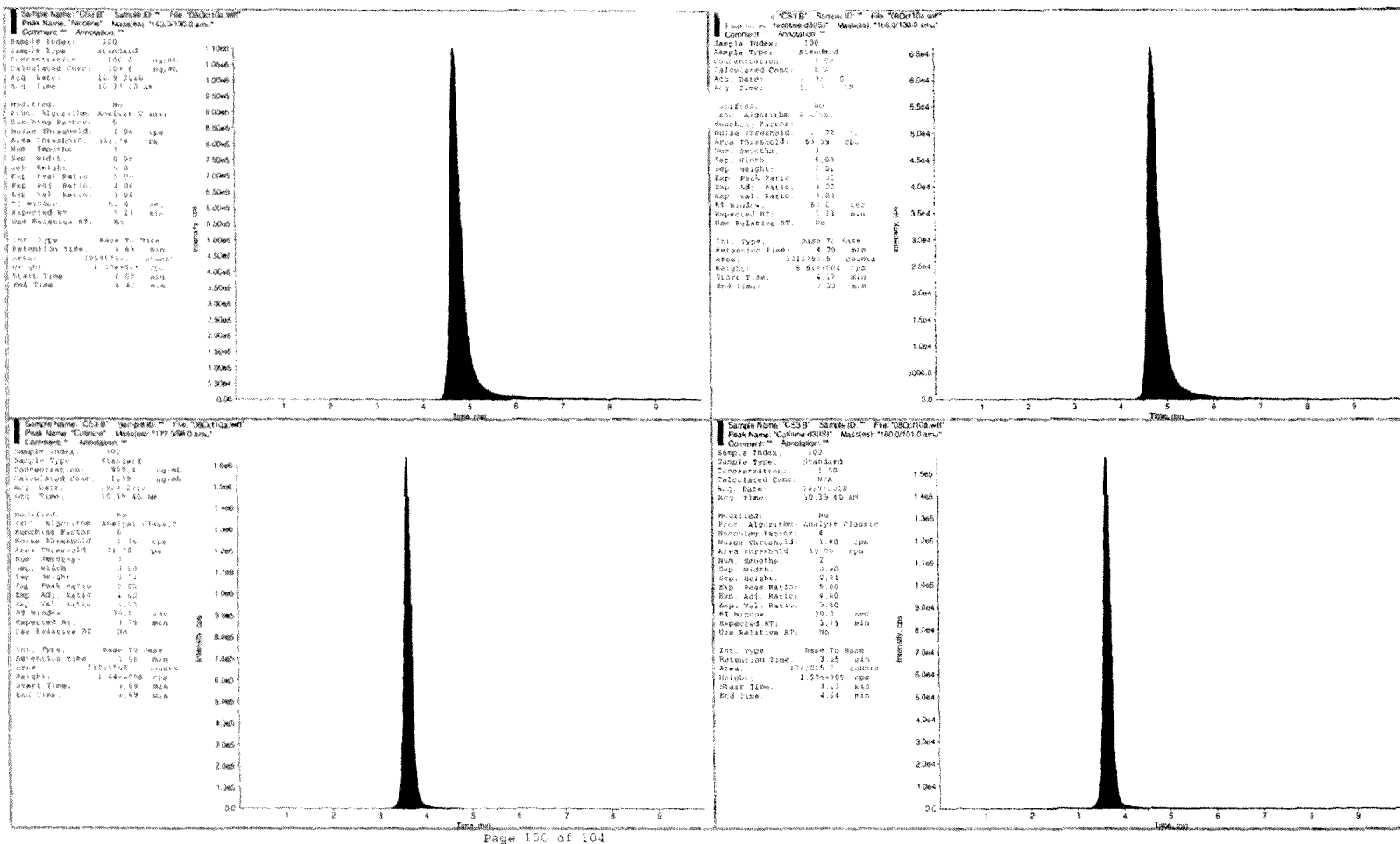
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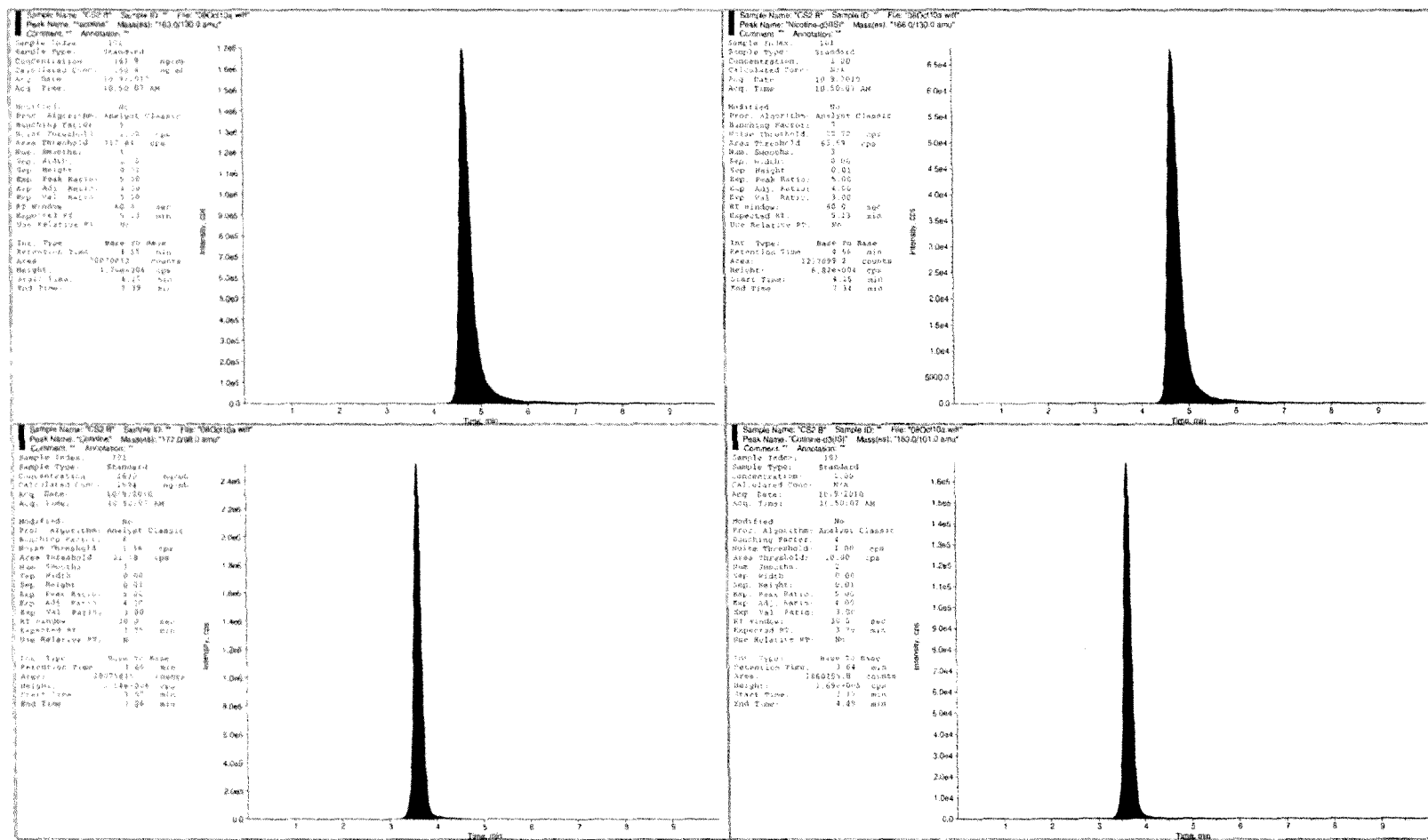


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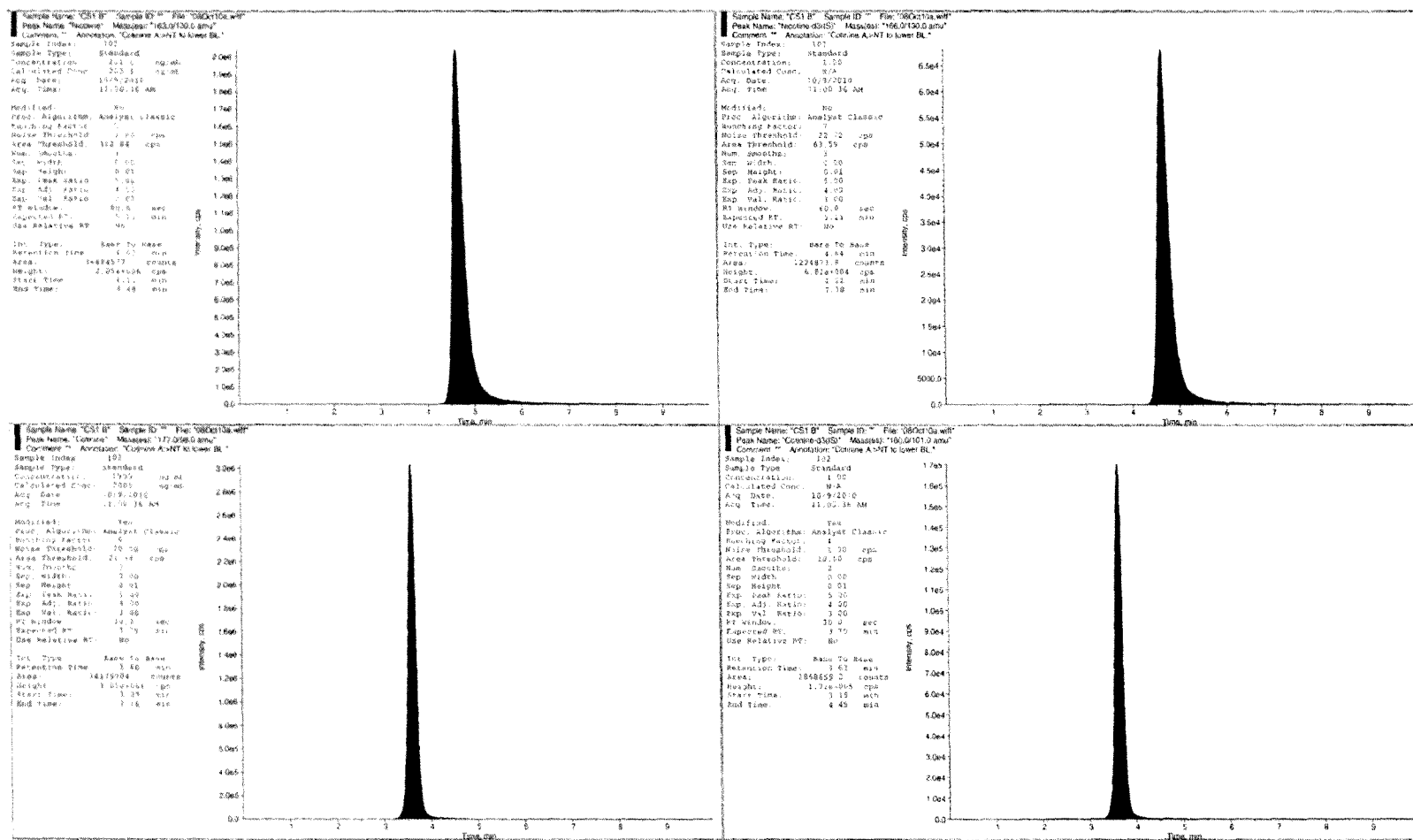


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Results Name: 08Oct10a.rdb

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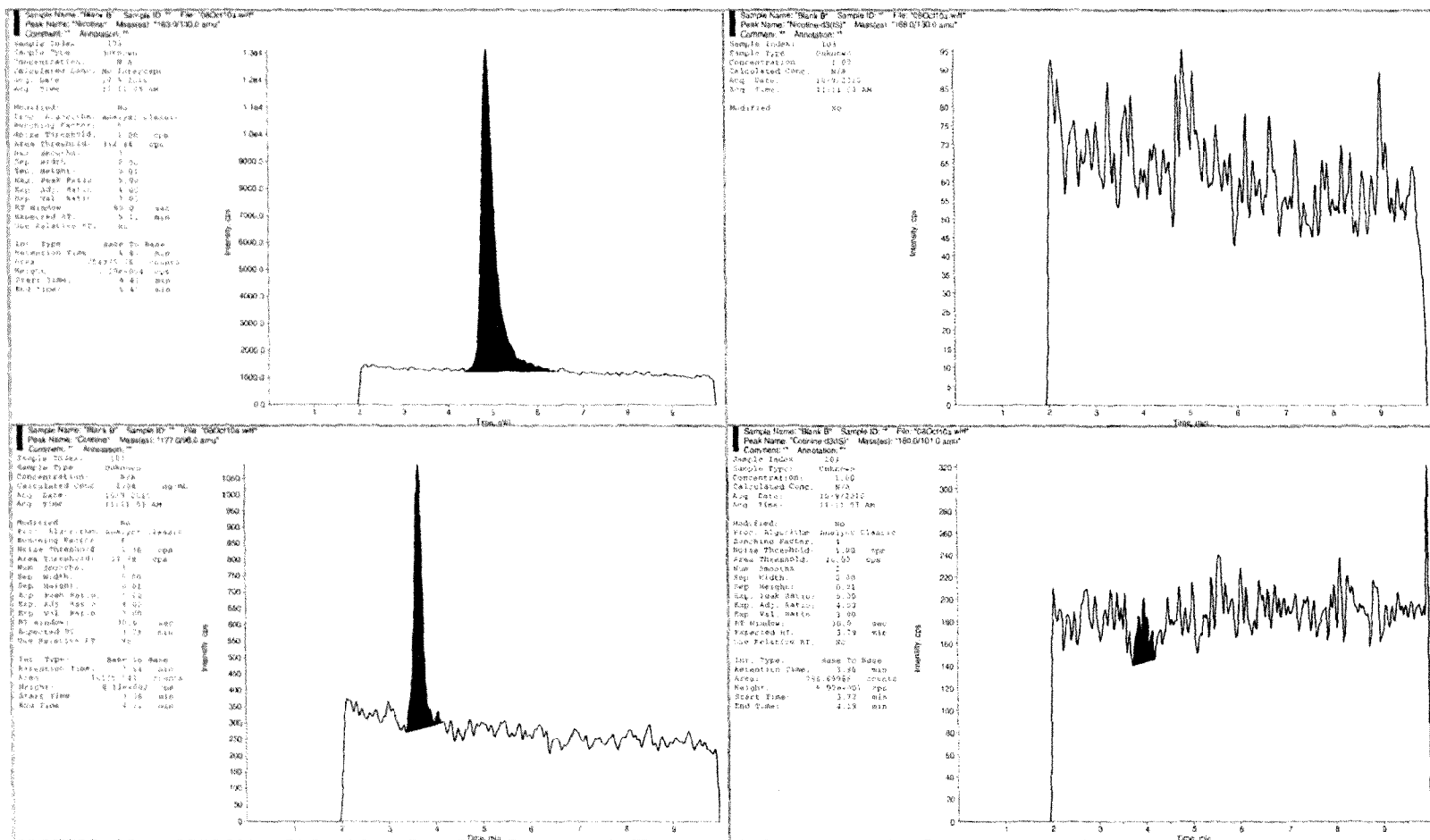


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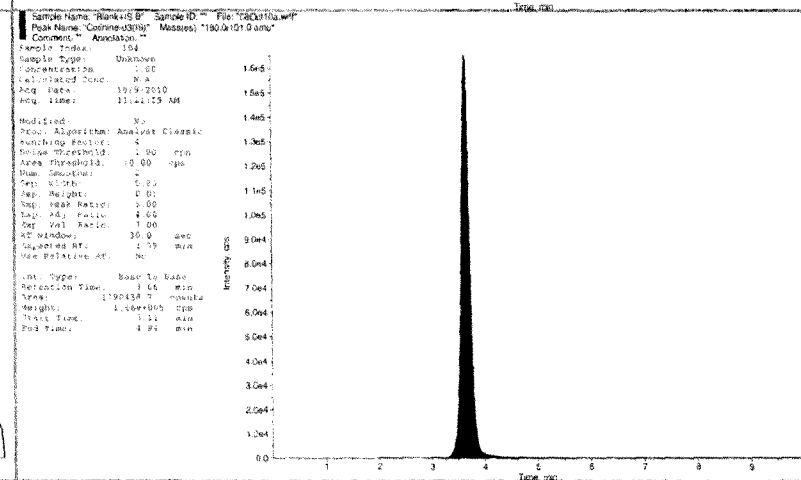
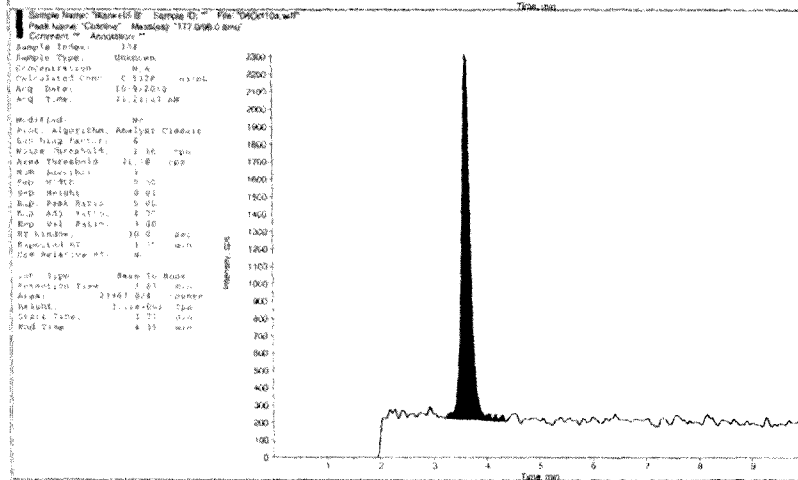
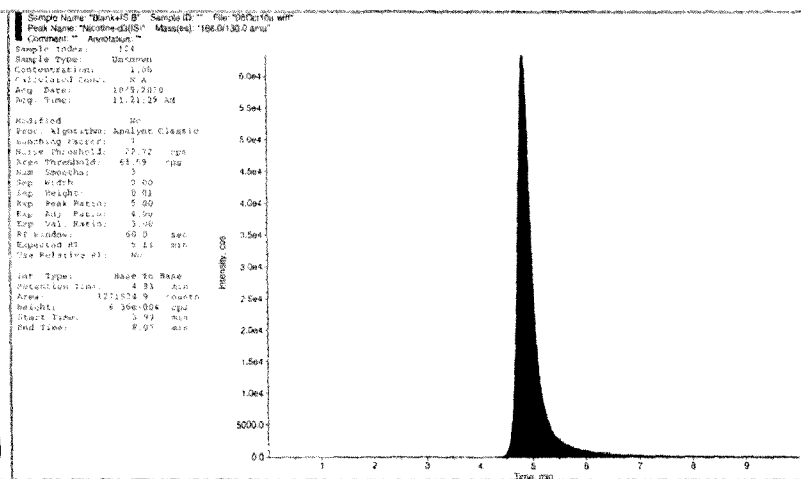
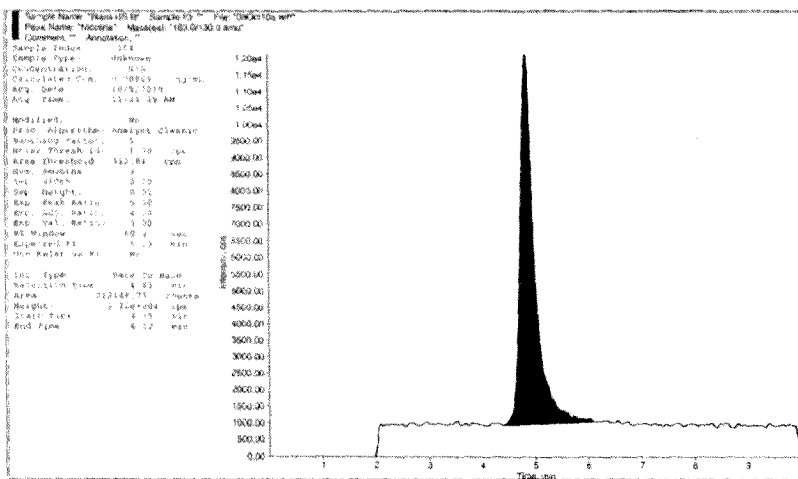


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Project: CN49730G Nicotine Rat AG00750503
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Results Name: 08Oct10a.rdb

Operator: Zielinski, Christina
 Printing Date: Friday, October 15, 2010
 Printing Time: 11:17:32 AM



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APPENDIX H: TOXICOKINETIC REPORT

Battelle*The Business of Innovation***AMENDED TOXICOKINETIC REPORT****2-YEAR CHRONIC TOXICITY/CARCINOGENICITY STUDY OF TOBACCO
BLEND AND AQUEOUS TOBACCO EXTRACT IN WISTAR HAN RATS**

Battelle Study No. CN49730G

December 14, 2011

Prepared by:

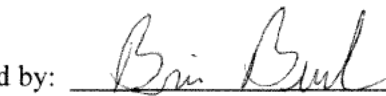


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TOXICOKINETIC ANALYSIS REPORT AMENDMENT

Following further review of the signed pharmacokinetic report, it was determined that clarification needed to be added to the description of the control group in the study design and the concluding statements concerning the comparison of the systemic effects of the blend and extract formulations.

This report was amended to include the following changes.

Section 2.1 Study Design. Changed sentence from "An additional control group received no nicotine" to "An additional control group was not treated with either the tobacco blend or the tobacco extract test articles."

Section 4.0 Conclusions. Changed sentence from "Overall, the blend, more often than not, had higher mean C_{\max} values than the extract for a given dose and study week" to "Overall, the blend had generally similar C_{\max} values compared to the extract for a given dose and study week."

The amended pages are designated with "*Amended*," and include the cover page and pages ia, ii, 1, and 9.


For  _____ Date 12-14-11
S. Peter Hong, Ph.D.
Associate Manager

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1.0 INTRODUCTION

The purpose of this study was to compare toxicity of a tobacco blend, aqueous tobacco extract, and appropriate controls in rodents (diet negative control). This study also included the determination of plasma concentrations of nicotine and cotinine under various conditions of test article exposure.

A kinetic analysis was performed using an experimentally-determined T_{\max} of midnight (12:00 AM) and the corresponding C_{\max} values for nicotine and cotinine that were achieved in Wistar Hannover rats exposed to various dosed feed formulations of nicotine up to a 101-week exposure period.

2.0 TOXICOKINETIC (TK) DATA ANALYSIS

Only information pertinent to the TK analysis is presented in this report. For additional details about the study, refer to the overall study report.

2.1 Study Design

The test system used was the male and female Wistar Han rat. For TK evaluation, animals were exposed by dosed feed to tobacco blend or tobacco extract daily for up to 101 weeks at nicotine target doses of 0.2, 2, or 5 mg/kg/day for tobacco blend or 0.2, 2, or 5 mg/kg/day tobacco extract. An additional control group was not treated with either the tobacco blend or the tobacco extract test articles. The treatment groups are designated as C, Bx, and Ex, where "x" refers to the target exposure level and the letters refer to control, blend, and extract, respectively.

Blood samples were collected from up to six rats/sex/group on Weeks 5, 14, 31, 49, 66, 83, and 101 at a single target time of 12:00 AM. The 12:00 AM time point was determined from a previous 28-day toxicity study in rat (see Study No. CN49730C). Several of the animals had samples collected outside of the range of 11:36 PM to 12:27 AM. However, these samples were determined to be sufficiently close to be used in the analysis. TK analysis was performed using the target dose (mg/kg/day), target sample collection time (clock time), and the measured concentrations of nicotine and cotinine (ng/mL).

3.0 RESULTS

Mean C_{\max} values were evaluated for the following:

- An exposure level effect for a given treatment group, gender, and analyte
- A gender effect for a given treatment group, exposure level, and analyte
- A treatment group effect for a given exposure level, gender, and analyte

- A comparison of the nicotine and cotinine values for a given treatment group, exposure level, gender, and time period.

3.1 Week 5

Group mean C_{\max} values determined at 12:00 AM on Week 5 are reported in Table 1 and graphically presented in Figure 1 (tobacco blend) and Figure 2 (tobacco extract).

All control group animal samples were either below the limit of quantitation (BLOQ) or not determined (ND).

The tobacco blend and tobacco extract groups exhibited increasing nicotine and cotinine mean C_{\max} values with increasing dose for males and females.

Male and female rats had similar C_{\max} values (less than 2-fold difference) for a given treatment group and exposure level for both nicotine and cotinine.

The tobacco blend and tobacco extract groups had similar nicotine and cotinine mean C_{\max} values when comparing the same exposure level (less than 2-fold difference) for both genders.

Cotinine C_{\max} values were 7.38- to 14.7-fold greater than nicotine values for a given treatment group and exposure level, for all male and female groups.

3.1.1 Week 5 C_{\max} Values

Table 1. Week 5 C_{\max} Values

Group	Gender	Mean Nicotine $C_{\max} \pm \text{SEM}$ (ng/mL)	Mean Cotinine $C_{\max} \pm \text{SEM}$ (ng/mL)
B0.2	Male	2.58 \pm 0.44	27.5 \pm 2.7
	Female	3.33 \pm 0.57	35.8 \pm 3.5
B2	Male	32.6 \pm 1.3	304 \pm 16
	Female	60.2 \pm 2.1	444 \pm 27
B5	Male	104 \pm 7	815 \pm 40
	Female	111 \pm 10	882 \pm 52
E0.2	Male	2.60 \pm 0.15	28.2 \pm 2.1
	Female	2.55 \pm 0.09	37.6 \pm 2.7
E2	Male	33.1 \pm 4.8	289 \pm 18
	Female	33.8 \pm 7.7	305 \pm 24
E5	Male	84.4 \pm 7.2	640 \pm 30
	Female	104 \pm 23	775 \pm 76

3.2 Week 14

Group mean C_{\max} values determined at 12:00 AM on Week 14 are reported in Table 2 and graphically presented in Figure 3 (tobacco blend) and Figure 4 (tobacco extract).

All control group animal samples were either BLOQ or ND.

The tobacco blend and tobacco extract groups exhibited increasing nicotine and cotinine mean C_{\max} values with increasing dose for males and females.

Male and female rats had similar C_{\max} values (less than 2-fold difference) for a given treatment group and exposure level for both nicotine and cotinine.

The tobacco blend and tobacco extract groups had similar nicotine and cotinine mean C_{\max} values when comparing the same exposure level (less than 2-fold difference) for both genders.

Cotinine C_{\max} values were 9.40- to 14.9-fold greater than nicotine values for a given treatment group and exposure level, for all male and female groups.

A comparison of Week 5 to Week 14 values for a given group were similar (less than 2-fold difference) for males and females and for nicotine and cotinine.

3.2.1 Week 14 C_{\max} Values

Table 2. Week 14 C_{\max} Values

Group	Gender	Mean Nicotine $C_{\max} \pm \text{SEM}$ (ng/mL)	Mean Cotinine $C_{\max} \pm \text{SEM}$ (ng/mL)
B0.2	Male	3.03 \pm 0.67	30.5 \pm 1.9
	Female	3.22 \pm 1.04	44.6 \pm 2.8
B2	Male	36.4 \pm 3.1	384 \pm 19
	Female	49.6 \pm 4.7	468 \pm 39
B5	Male	115 \pm 8	1130 \pm 100
	Female	91.7 \pm 12.9	1250 \pm 80
E0.2	Male	2.34 \pm 0.25	34.9 \pm 4.1
	Female	2.82 \pm 0.44	40.7 \pm 3.1
E2	Male	31.2 \pm 2.8	373 \pm 25
	Female	32.3 \pm 6.3	332 \pm 32
E5	Male	97.6 \pm 8.1	917 \pm 68
	Female	84.9 \pm 21.6	985 \pm 113

3.3 Week 31

Group mean C_{\max} values determined at 12:00 AM on Week 31 are reported in Table 3 and graphically presented in Figure 5 (tobacco blend) and Figure 6 (tobacco extract).

All control group animal samples were either BLOQ or ND.

The tobacco blend and tobacco extract groups exhibited increasing nicotine and cotinine mean C_{\max} values with increasing dose for males and females.

Male and female rats had similar C_{\max} values (less than 2-fold difference) for a given treatment group and exposure level for both nicotine and cotinine.

The tobacco blend and tobacco extract groups had similar nicotine and cotinine mean C_{\max} values when comparing the same exposure level (less than 2-fold difference) for both genders.

Cotinine C_{\max} values were 6.85- to 17.9-fold greater than nicotine values for a given treatment group and exposure level, for all male and female groups.

A comparison of Weeks 5 and 14 to Week 31 values for a given group were similar (less than 2-fold difference) for males and females and for nicotine and cotinine except for the B2 female nicotine C_{\max} which was higher on Week 5 than Week 31.

3.3.1 Week 31 C_{\max} Values

Table 3. Week 31 C_{\max} Values

Group	Gender	Mean Nicotine $C_{\max} \pm \text{SEM}$ (ng/mL)	Mean Cotinine $C_{\max} \pm \text{SEM}$ (ng/mL)
B0.2	Male	3.80 \pm 1.00	35.7 \pm 4.1
	Female	4.46 \pm 0.12	39.2 \pm 3.0
B2	Male	36.4 \pm 1.7	356 \pm 15
	Female	28.3 \pm 8.5	369 \pm 45
B5	Male	95.8 \pm 7.5	953 \pm 66
	Female	67.6 \pm 12.7	1210 \pm 60
E0.2	Male	2.53 \pm 0.15	35.2 \pm 1.5
	Female	2.95 \pm 0.51	44.6 \pm 3.2
E2	Male	30.0 \pm 3.9	305 \pm 15
	Female	44.3 \pm 3.4	395 \pm 38
E5	Male	110 \pm 9	754 \pm 49
	Female	65.6 \pm 11.4	1010 \pm 70

3.4 Week 49

Group mean C_{\max} values determined at 12:00 AM on Week 49 are reported in Table 4 and graphically presented in Figure 7 (tobacco blend) and Figure 8 (tobacco extract).

All control group animal samples were either BLOQ or ND.

The tobacco blend and tobacco extract groups exhibited increasing nicotine and cotinine mean C_{\max} values with increasing dose for males and females.

Male and female rats had similar C_{\max} values (less than 2-fold difference) for a given treatment group and exposure level for both nicotine and cotinine.

The tobacco blend and tobacco extract groups had similar nicotine and cotinine mean C_{\max} values when comparing the same exposure level (less than 2-fold difference) for both genders.

Cotinine C_{\max} values were 8.73- to 14.1-fold greater than nicotine values for a given treatment group and exposure level, for all male and female groups.

A comparison of Weeks 5, 14, and 31 to Week 49 values for a given group were similar (less than 2-fold difference) for males and females and for nicotine and cotinine.

3.4.1 Week 49 C_{\max} Values

Table 4. Week 49 C_{\max} Values

Group	Gender	Mean Nicotine $C_{\max} \pm \text{SEM}$ (ng/mL)	Mean Cotinine $C_{\max} \pm \text{SEM}$ (ng/mL)
B0.2	Male	2.42 \pm 0.10	33.7 \pm 1.3
	Female	3.34 \pm 0.59	32.7 \pm 2.6
B2	Male	28.1 \pm 1.1	367 \pm 14
	Female	33.2 \pm 1.7	434 \pm 58
B5	Male	77.4 \pm 7.6	893 \pm 129
	Female	100 \pm 14	1100 \pm 70
E0.2	Male	2.42 \pm 0.19	34.1 \pm 1.4
	Female	2.97 \pm 0.53	39.4 \pm 3.5
E2	Male	23.6 \pm 4.1	310 \pm 16
	Female	41.5 \pm 9.4	378 \pm 41
E5	Male	90.5 \pm 4.2	831 \pm 27
	Female	118 \pm 10	1030 \pm 70

3.5 Week 66

Group mean C_{\max} values determined at 12:00 AM on Week 66 are reported in Table 5 and graphically presented in Figure 9 (tobacco blend) and Figure 10 (tobacco extract).

All control group animal samples were either BLOQ or ND.

The tobacco blend and tobacco extract groups exhibited increasing nicotine and cotinine mean C_{\max} values with increasing dose for males and females except for the nicotine C_{\max} values for the females which decreased after an increase in dose from the B2 group to the B5 group. The female cotinine C_{\max} values for these groups were similar but did increase slightly for the B5 group.

Male and female rats had similar C_{\max} values (less than 2-fold difference) for a given treatment group and exposure level for both nicotine and cotinine.

The tobacco blend and tobacco extract groups had similar nicotine and cotinine mean C_{\max} values when comparing the same exposure level (less than 2-fold difference) for both genders except for the B5 female group which had 2.1-fold lower nicotine values than the E5 group.

Cotinine C_{\max} values were 7.85- to 17.5-fold greater than nicotine values for a given treatment group and exposure level, for all male and female groups.

A comparison of Weeks 5, 14, 31, and 49 to Week 66 values for a given group were similar (less than 2-fold difference) for males and females and for nicotine and cotinine except for the female B5 group which was lower than Week 5 for nicotine and lower than Weeks 14, 31, and 49 for cotinine.

3.5.1 Week 66 C_{max} Values

Table 5. Week 66 C_{max} Values

Group	Gender	Mean Nicotine C _{max} ± SEM (ng/mL)	Mean Cotinine C _{max} ± SEM (ng/mL)
B0.2	Male	1.98 ± 0.22	31.7 ± 1.9
	Female	3.86 ± 0.66	35.7 ± 3.4
B2	Male	29.2 ± 1.8	372 ± 13
	Female	54.2 ± 4.9	449 ± 53
B5	Male	85.2 ± 5.1	905 ± 76
	Female	50.4 ± 6.4	494 ± 63
E0.2	Male	2.07 ± 0.16	36.2 ± 1.5
	Female	3.61 ± 0.45	42.4 ± 2.5
E2	Male	24.3 ± 3.8	309 ± 16
	Female	48.0 ± 5.8	377 ± 19
E5	Male	82.7 ± 4.5	760 ± 50
	Female	108 ± 9	966 ± 146

3.6 Week 83

Group mean C_{max} values determined at 12:00 AM on Week 83 are reported in Table 6 and graphically presented in Figure 11 (tobacco blend) and Figure 12 (tobacco extract).

All control group animal samples were either BLOQ or ND.

The tobacco blend and tobacco extract groups exhibited increasing nicotine and cotinine mean C_{max} values with increasing dose for males and females.

Male and female rats had similar C_{max} values (less than 2-fold difference) for a given treatment group and exposure level for both nicotine and cotinine.

The tobacco blend and tobacco extract groups had similar nicotine and cotinine mean C_{max} values (less than 2-fold difference) when comparing the same exposure level for both genders.

Cotinine C_{max} values were 8.31- to 14.4-fold greater than nicotine values for a given treatment group and exposure level, for all male and female groups.

A comparison of Weeks 5, 14, 31, 49, and 66 to Week 83 values for a given group were similar (less than 2-fold difference) for males and females and for nicotine and cotinine except for the female B5 group which was higher than Week 66 for cotinine.

3.6.1 Week 83 C_{\max} Values

Table 6. Week 83 C_{\max} Values

Group	Gender	Mean Nicotine $C_{\max} \pm \text{SEM}$ (ng/mL)	Mean Cotinine $C_{\max} \pm \text{SEM}$ (ng/mL)
B0.2	Male	2.43 \pm 0.35	32.5 \pm 0.8
	Female	4.51 \pm 0.57	37.5 \pm 4.5
B2	Male	30.3 \pm 3.8	371 \pm 5
	Female	34.2 \pm 2.8	403 \pm 42
B5	Male	91.3 \pm 5.9	938 \pm 69
	Female	80.5 \pm 18.4	1160 \pm 90
E0.2	Male	3.13 \pm 0.35	40.4 \pm 3.7
	Female	4.17 \pm 0.17	40.7 \pm 1.5
E2	Male	29.3 \pm 4.5	336 \pm 15
	Female	34.6 \pm 4.7	344 \pm 25
E5	Male	93.0 \pm 4.7	803 \pm 38
	Female	70.7 \pm 21.2	961 \pm 139

3.7 Week 101

Group mean C_{\max} values determined at 12:00 AM on Week 101 are reported in Table 7 and graphically presented in Figure 13 (tobacco blend) and Figure 14 (tobacco extract).

All control group animal samples were either BLOQ or ND.

The tobacco blend and tobacco extract groups exhibited increasing nicotine and cotinine mean C_{\max} values with increasing dose for males and females.

Male and female rats had similar C_{\max} values (less than 2-fold difference) for a given treatment group and exposure level for both nicotine and cotinine.

The tobacco blend and tobacco extract groups had similar nicotine and cotinine mean C_{\max} values when comparing the same exposure level (less than 2-fold difference) for both genders.

Cotinine C_{\max} values were 8.72- to 14.0-fold greater than nicotine values for a given treatment group and exposure level, for all male and female groups.

A comparison of Weeks 5, 14, 31, 49, 66, and 83 to Week 101 values for a given group were similar (less than 2-fold difference) for males and females and for nicotine and cotinine.

3.7.1 Week 101 C_{max} Values

Table 7. Week 101 C_{max} Values

Group	Gender	Mean Nicotine C _{max} ± SEM (ng/mL)	Mean Cotinine C _{max} ± SEM (ng/mL)
B0.2	Male	3.29 ± 0.58	37.2 ± 3.3
	Female	4.23 ± 0.89	38.6 ± 7.2
B2	Male	34.7 ± 4.6	406 ± 11
	Female	36.9 ± 5.9	355 ± 19
B5	Male	85.9 ± 5.3	844 ± 48
	Female	87.5 ± 26.7	980 ± 177
E0.2	Male	3.22 ± 0.32	39.4 ± 3.6
	Female	2.64 ± 0.38	37.0 ± 1.3
E2	Male	25.3 ± 3.3	307 ± 24
	Female	38.3 ± 5.8	343 ± 26
E5	Male	81.5 ± 5.3	711 ± 59
	Female	89.4 ± 6.0	940 ± 78

4.0 CONCLUSIONS

T_{max} (i.e., 12:00 AM) was experimentally-determined from the previous 28-day toxicity study (Study No. CN49730C). The C_{max} values in the present study were used to evaluate systemic exposure to nicotine and cotinine, as well as to allow for relationships between gender, varying formulations, exposure level, and exposure duration to be evaluated.

There was no overt gender effect, however mean nicotine C_{max} values tended to be slightly higher for females than males for the B0.2, B2, E0.2, and E2 groups, and mean cotinine C_{max} values tended to be higher in females than males for all dose groups.

There were no overt formulation effects as tobacco extract and tobacco blend formulations at a given exposure level had similar C_{max} values for both males and females. The C_{max} values increased approximately proportionally with an increase in exposure level for both the tobacco extract and tobacco blend with the one exception of the female B5 group on Week 66 that had lower than expected mean C_{max} values for nicotine and cotinine. Overall, the blend had generally similar C_{max} values compared to the extract for a given dose and study week.

There was no consistent increase or decrease in group mean nicotine or cotinine C_{max} values over time (Figures 15 through 20). C_{max} values were, in general, similar on all study weeks for a given exposure level and gender suggesting no induction or accumulation of nicotine or cotinine occurred.

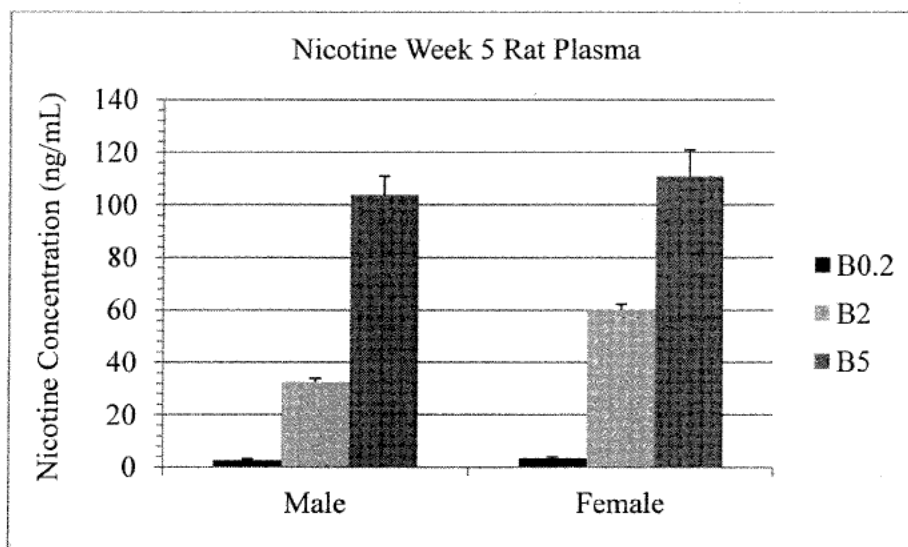
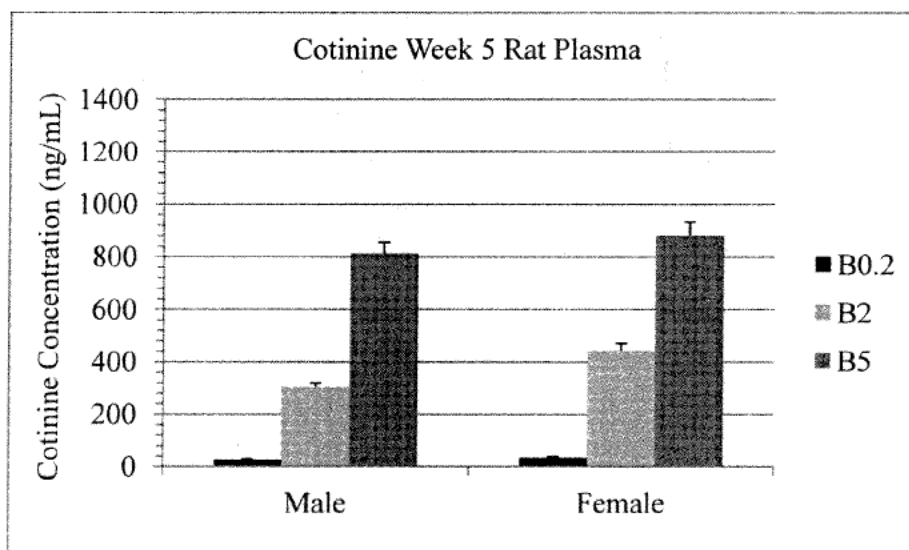
Plate A**Plate B**

Figure 1. C_{max} (Mean + SEM) for Male and Female Rats on Week 5 After Daily Oral Exposure of Tobacco Blend – Nicotine (Plate A) and Cotinine (Plate B)

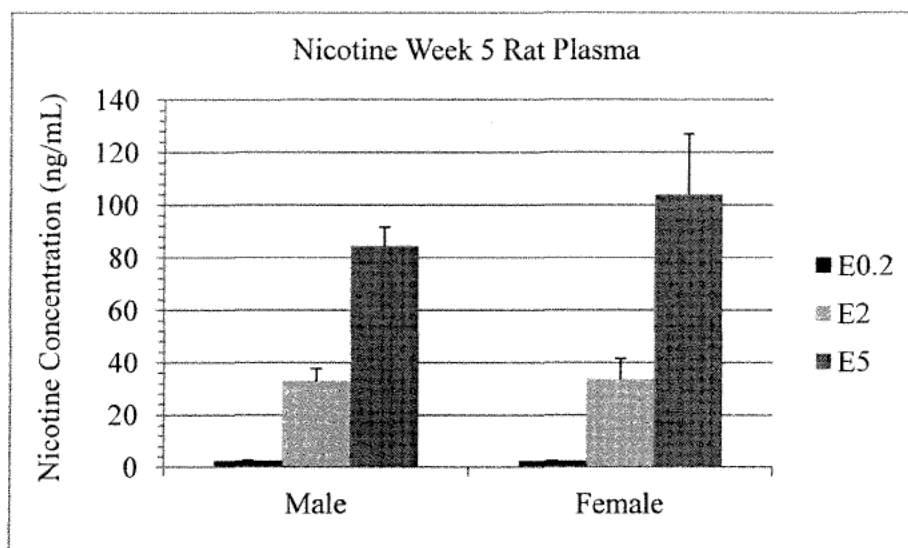
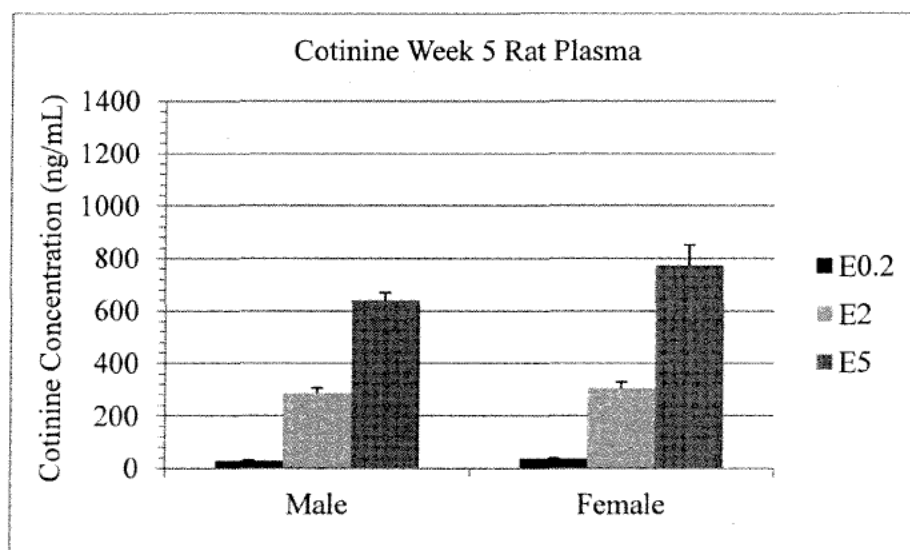
Plate A**Plate B**

Figure 2. C_{max} (Mean + SEM) for Male and Female Rats on Week 5 After Daily Oral Exposure of Tobacco Extract – Nicotine (Plate A) and Cotinine (Plate B)

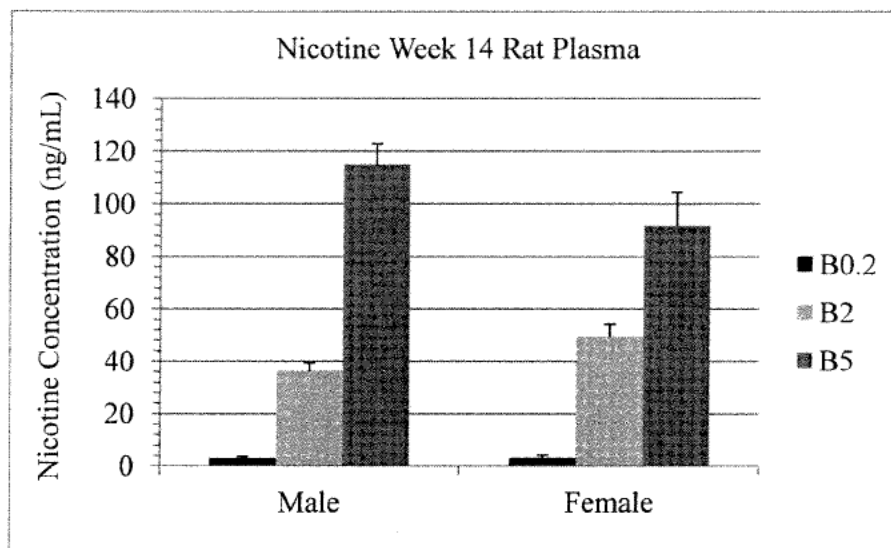
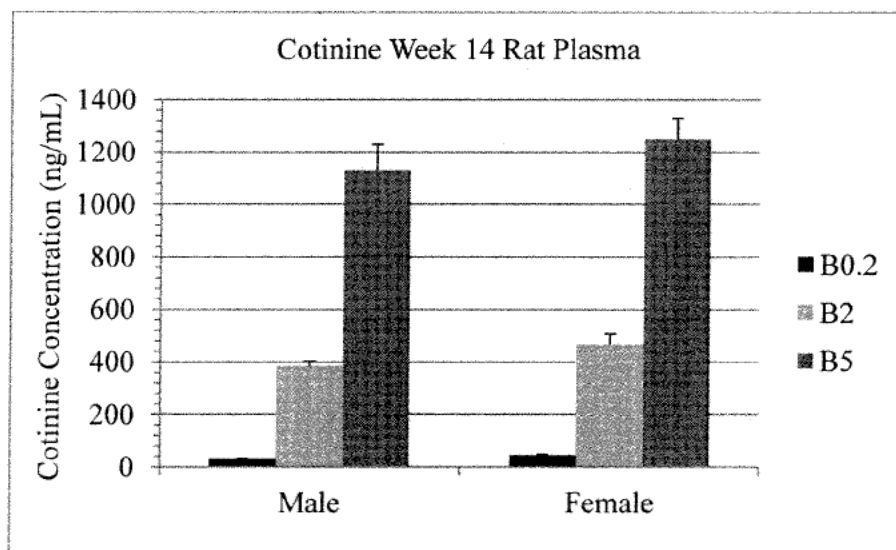
Plate A**Plate B**

Figure 3. C_{max} (Mean + SEM) for Male and Female Rats on Week 14 After Daily Oral Exposure of Tobacco Blend – Nicotine (Plate A) and Cotinine (Plate B)

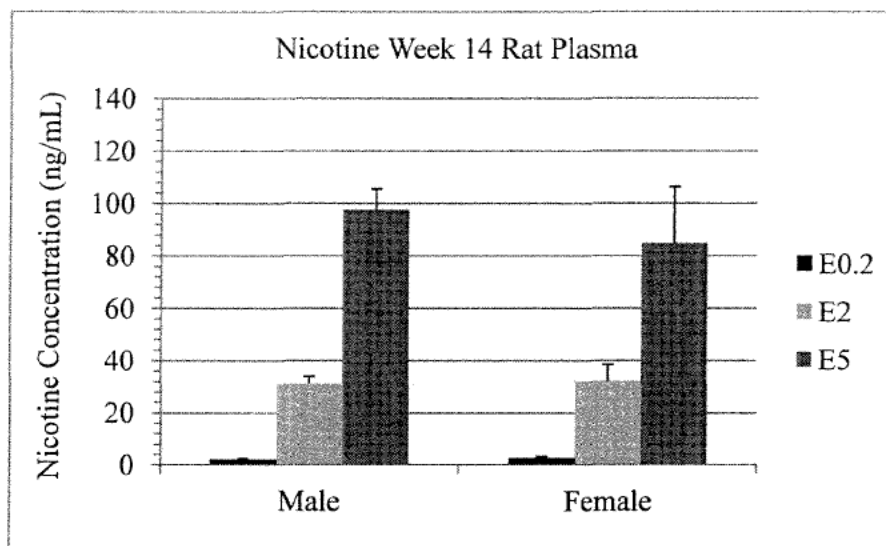
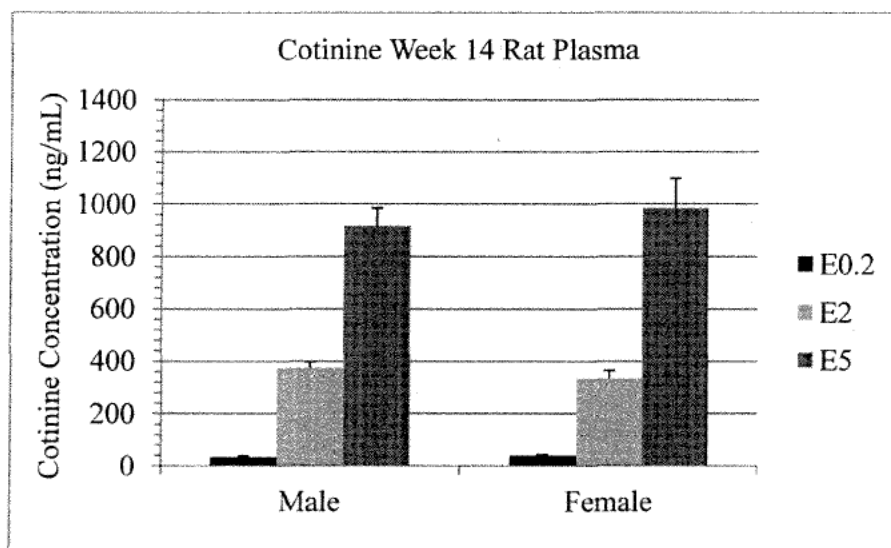
Plate A**Plate B**

Figure 4. C_{\max} (Mean + SEM) for Male and Female Rats on Week 14 After Daily Oral Exposure of Tobacco Extract – Nicotine (Plate A) and Cotinine (Plate B)

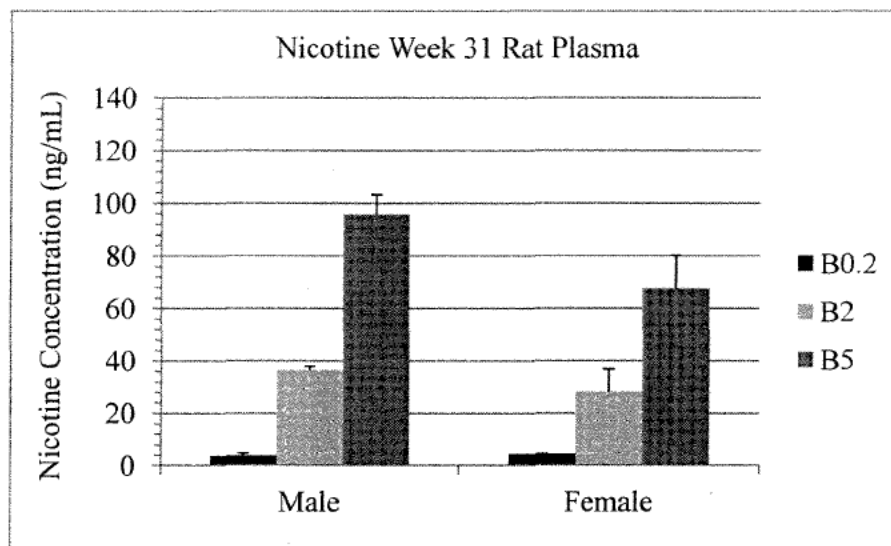
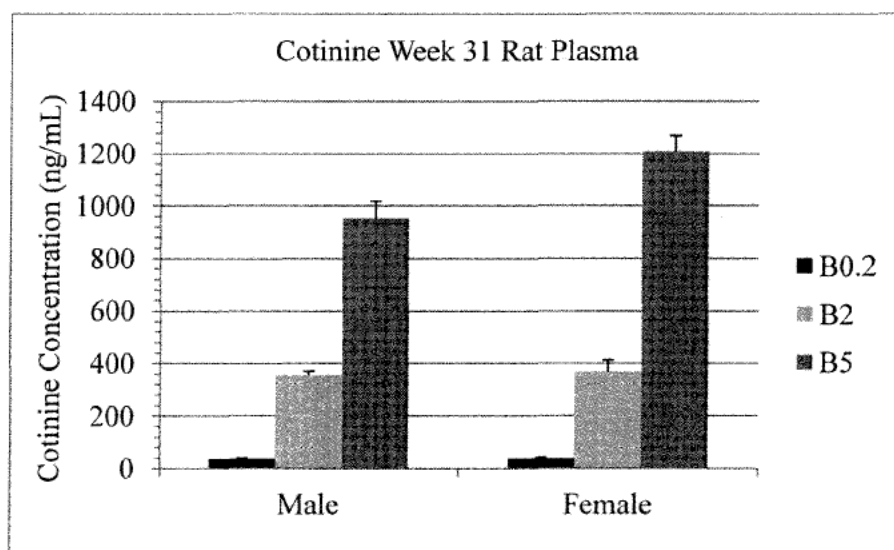
Plate A**Plate B**

Figure 5. C_{max} (Mean + SEM) for Male and Female Rats on Week 31 After Daily Oral Exposure of Tobacco Blend – Nicotine (Plate A) and Cotinine (Plate B)

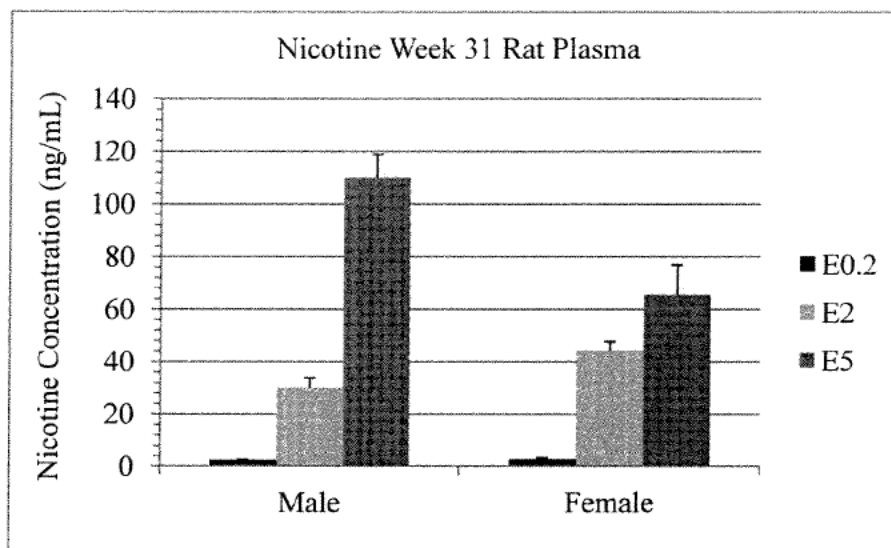
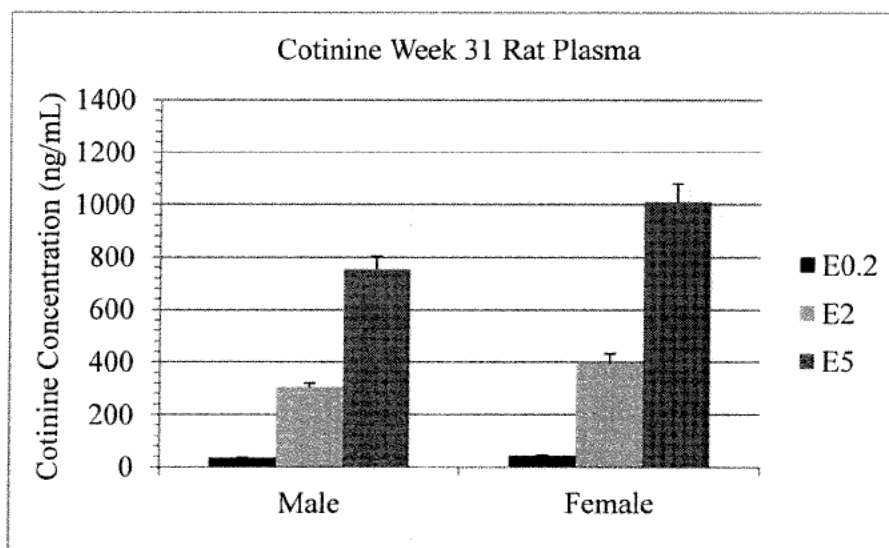
Plate A**Plate B**

Figure 6. C_{max} (Mean + SEM) for Male and Female Rats on Week 31 After Daily Oral Exposure of Tobacco Extract – Nicotine (Plate A) and Cotinine (Plate B)

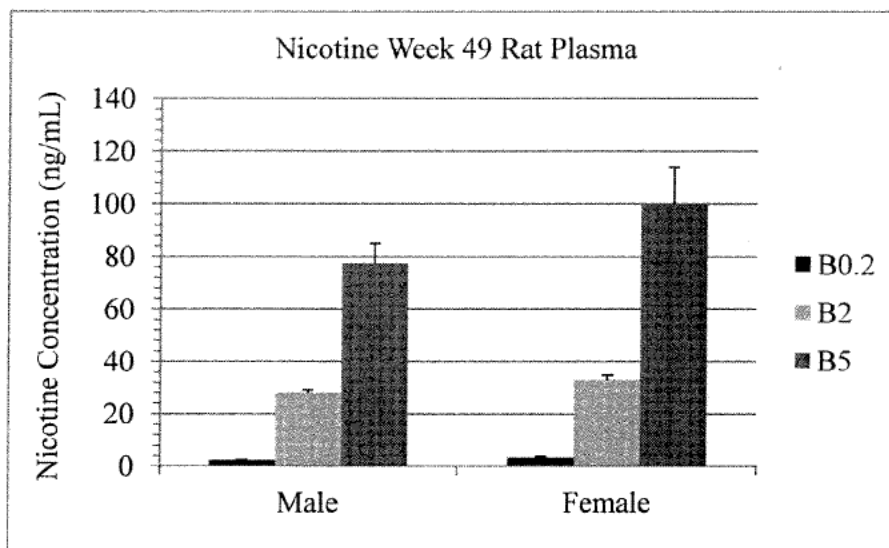
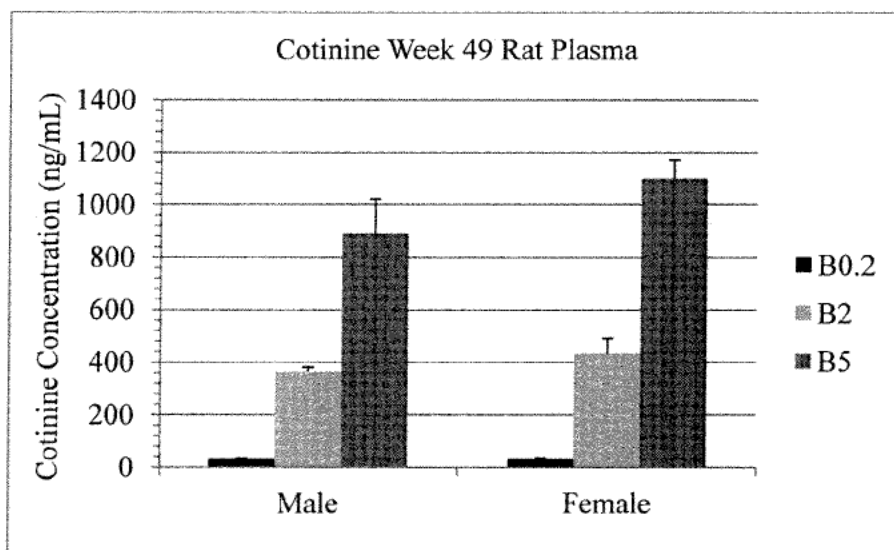
Plate A**Plate B**

Figure 7. C_{max} (Mean + SEM) for Male and Female Rats on Week 49 After Daily Oral Exposure of Tobacco Blend – Nicotine (Plate A) and Cotinine (Plate B)

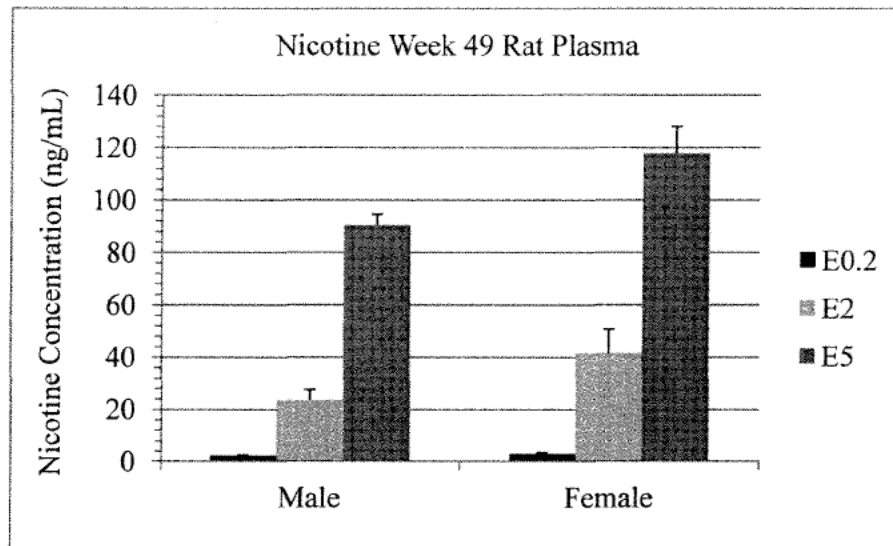
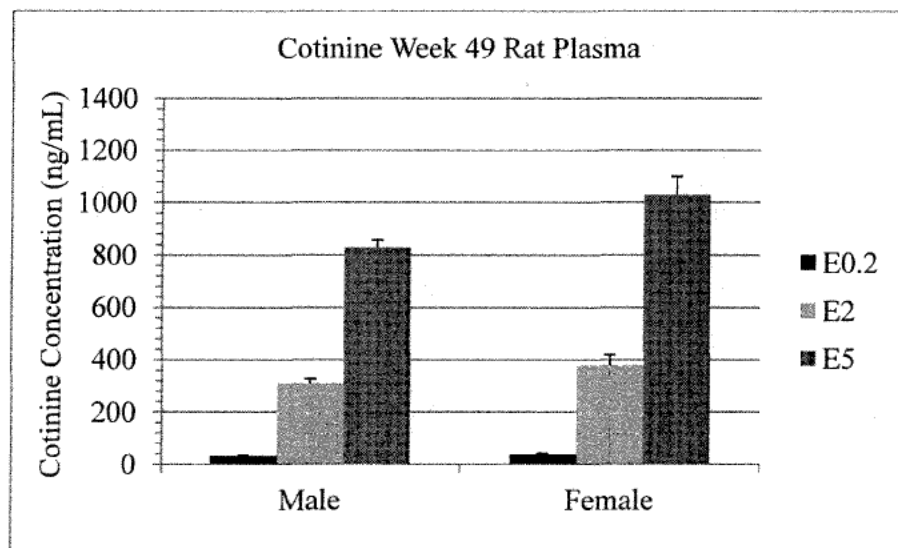
Plate A**Plate B**

Figure 8. C_{max} (Mean + SEM) for Male and Female Rats on Week 49 After Daily Oral Exposure of Tobacco Extract – Nicotine (Plate A) and Cotinine (Plate B)

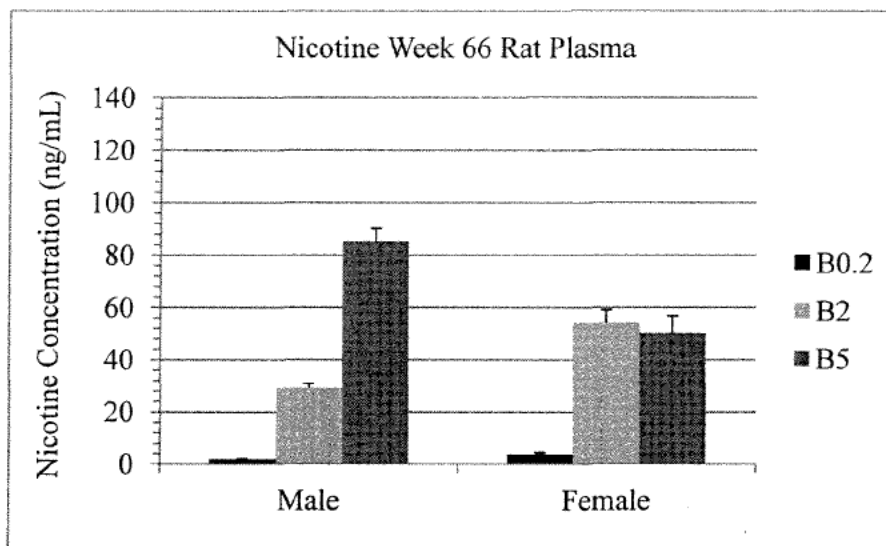
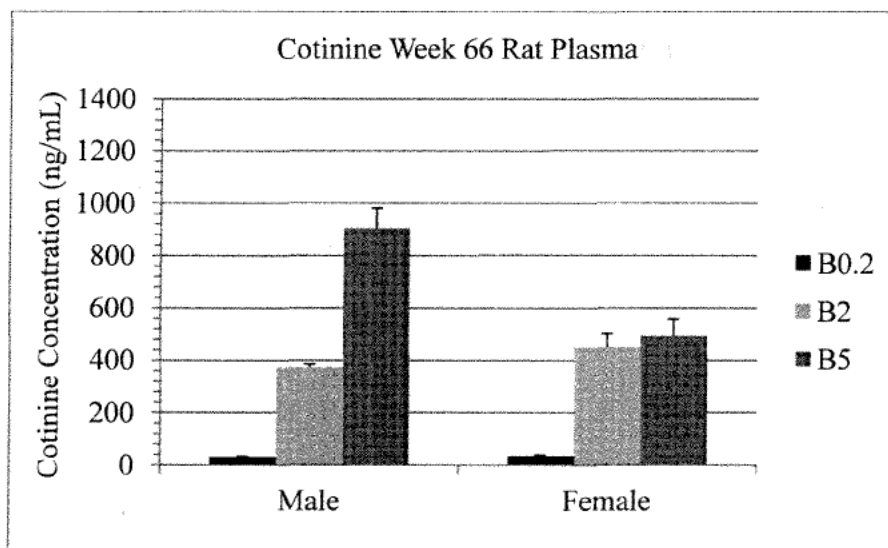
Plate A**Plate B**

Figure 9. C_{max} (Mean + SEM) for Male and Female Rats on Week 66 After Daily Oral Exposure of Tobacco Blend – Nicotine (Plate A) and Cotinine (Plate B)

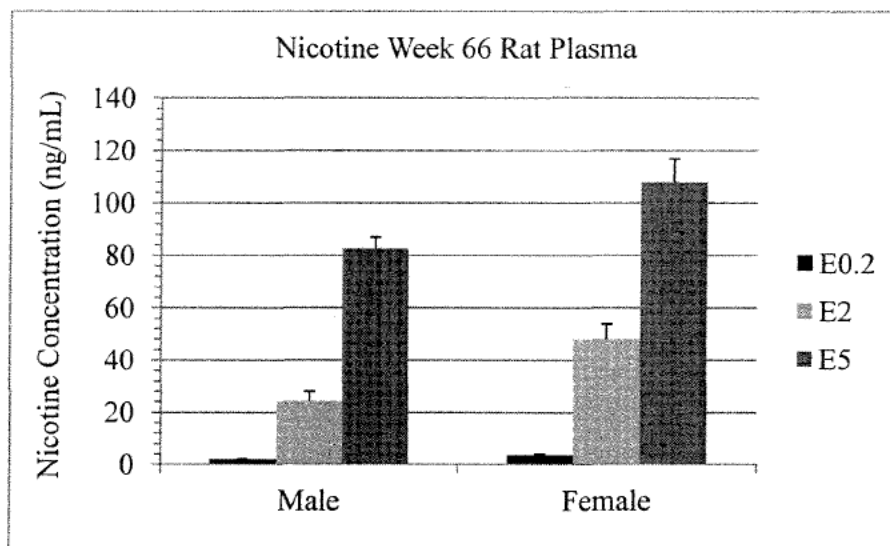
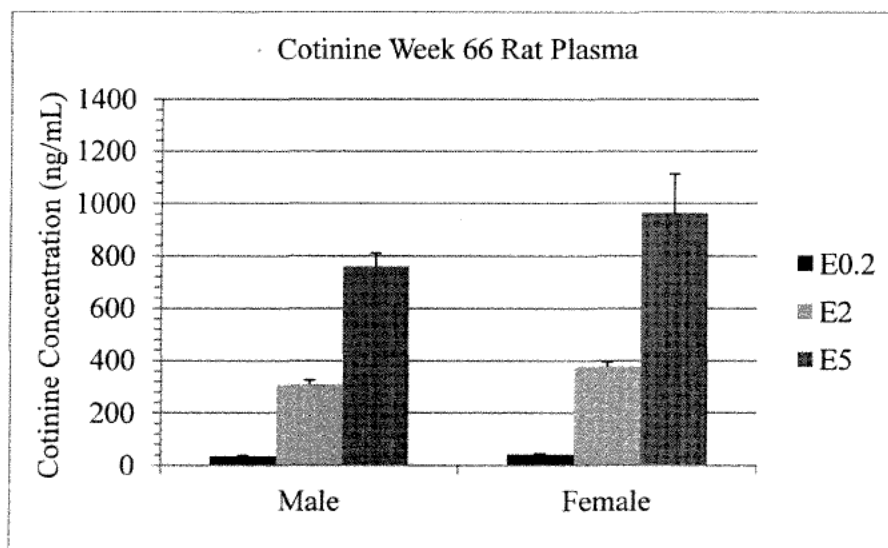
Plate A**Plate B**

Figure 10. C_{max} (Mean + SEM) for Male and Female Rats on Week 66 After Daily Oral Exposure of Tobacco Extract – Nicotine (Plate A) and Cotinine (Plate B)

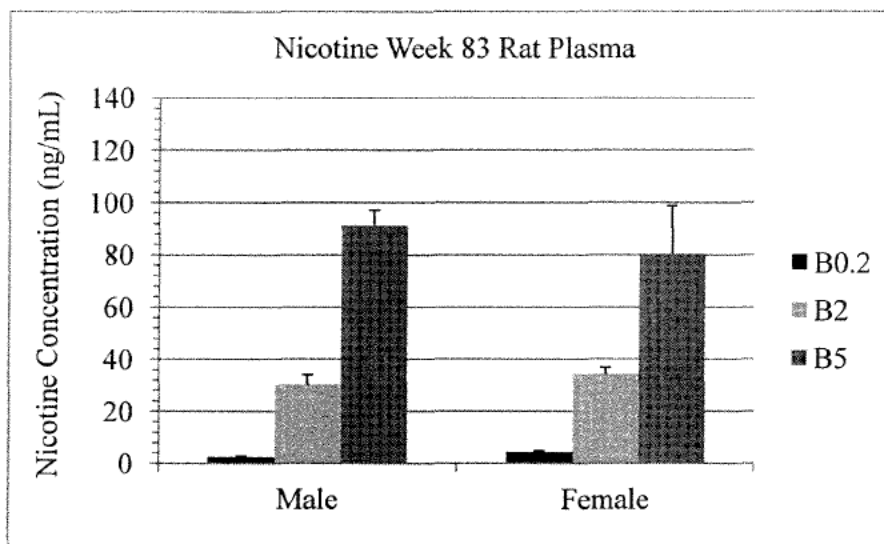
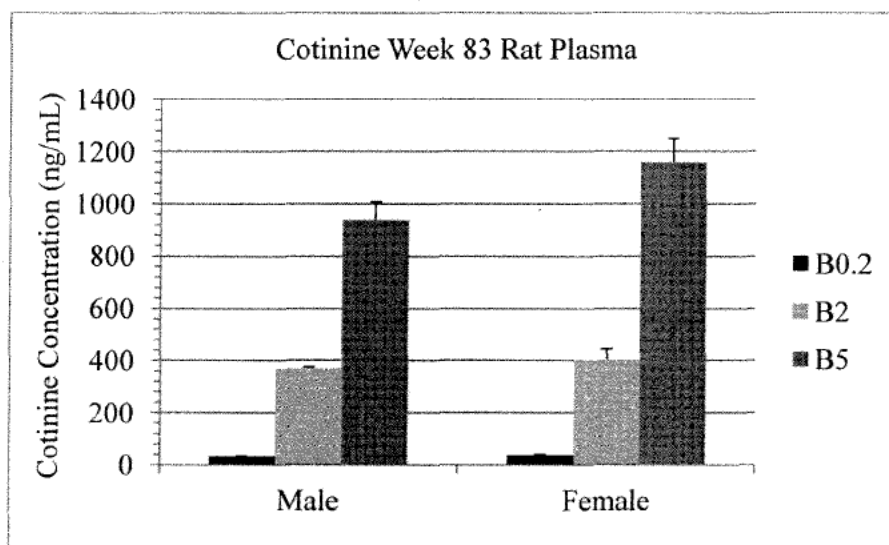
Plate A**Plate B**

Figure 11. C_{max} (Mean + SEM) for Male and Female Rats on Week 83 After Daily Oral Exposure of Tobacco Blend – Nicotine (Plate A) and Cotinine (Plate B)

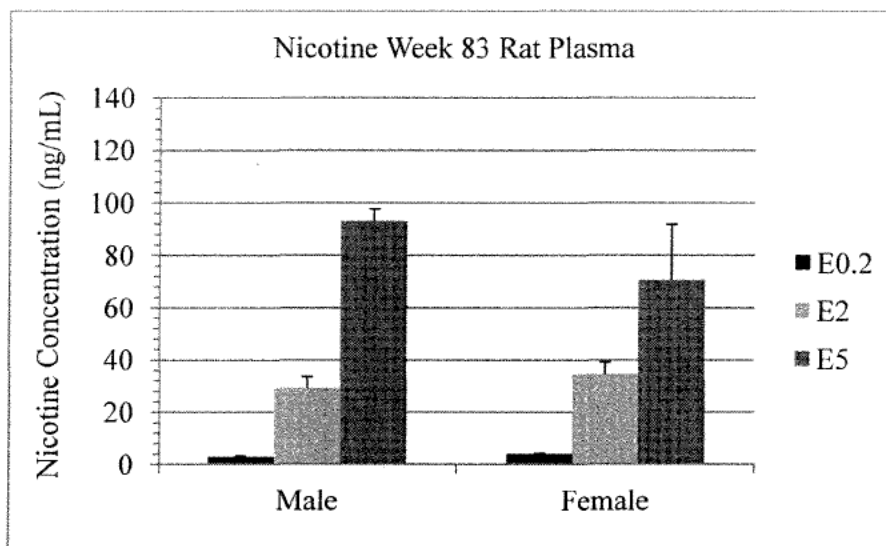
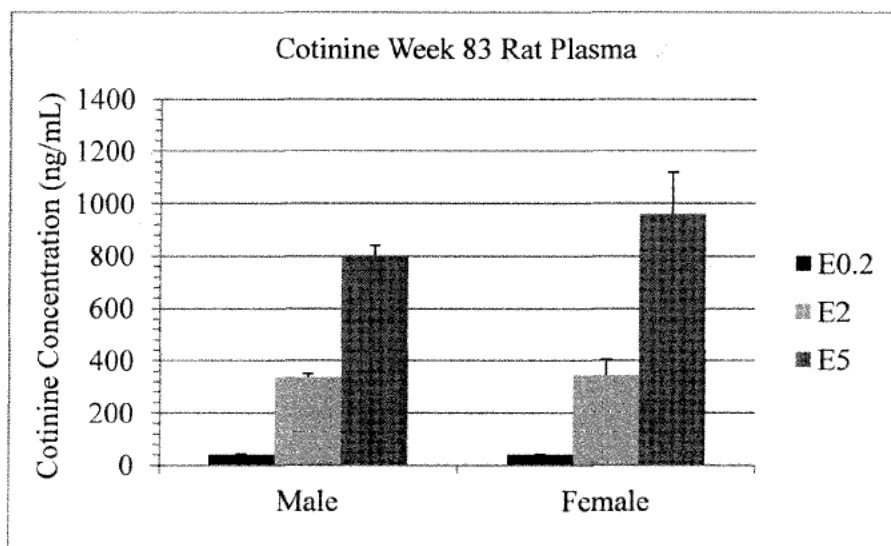
Plate A**Plate B**

Figure 12. C_{max} (Mean + SEM) for Male and Female Rats on Week 83 After Daily Oral Exposure of Tobacco Extract – Nicotine (Plate A) and Cotinine (Plate B)

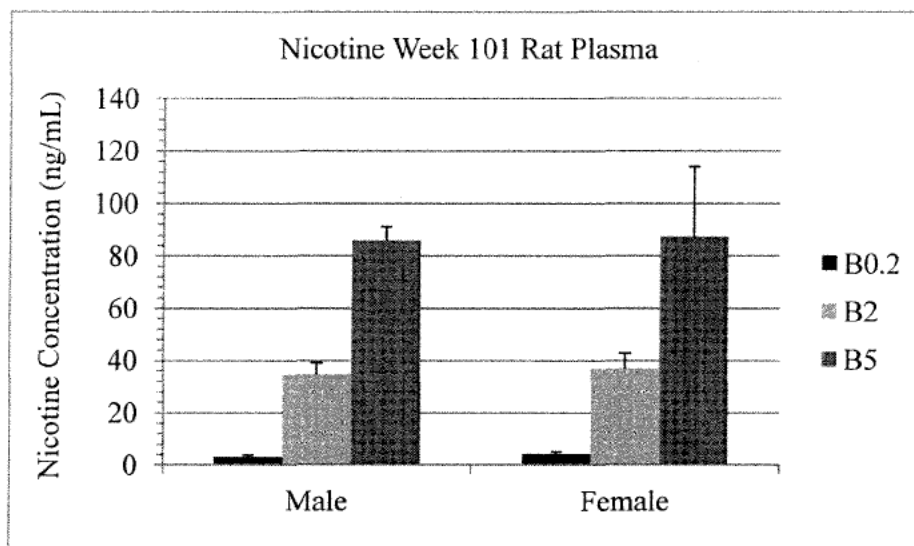
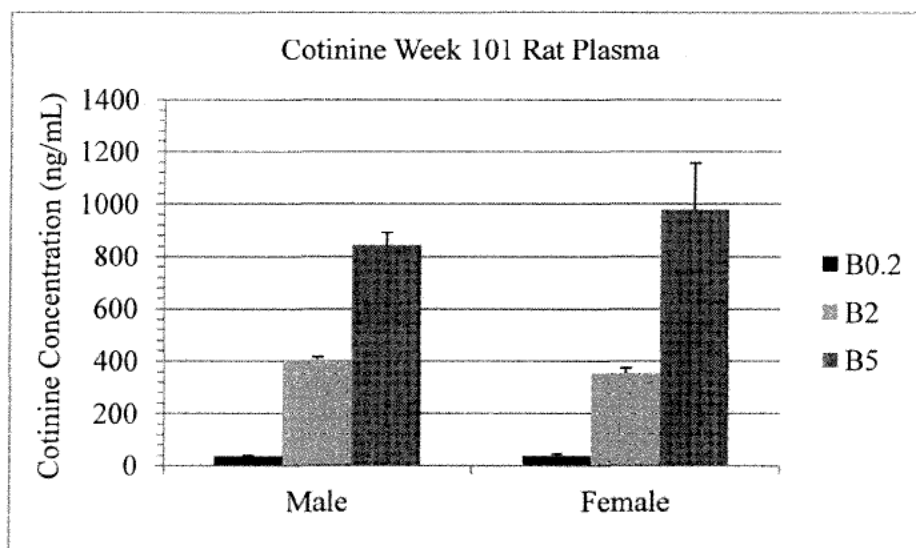
Plate A**Plate B**

Figure 13. C_{max} (Mean + SEM) for Male and Female Rats on Week 101 After Daily Oral Exposure of Tobacco Blend – Nicotine (Plate A) and Cotinine (Plate B)

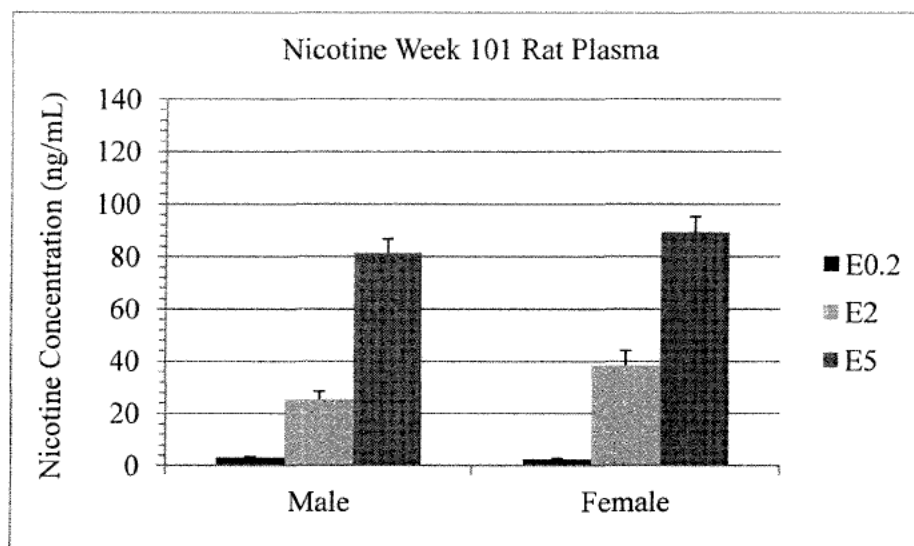
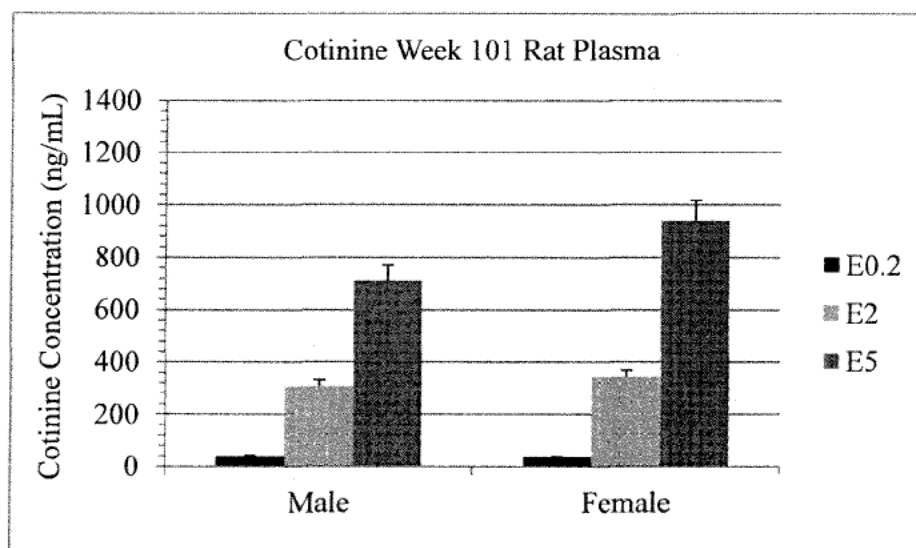
Plate A**Plate B**

Figure 14. C_{max} (Mean + SEM) for Male and Female Rats on Week 101 After Daily Oral Exposure of Tobacco Extract – Nicotine (Plate A) and Cotinine (Plate B)

Plate A

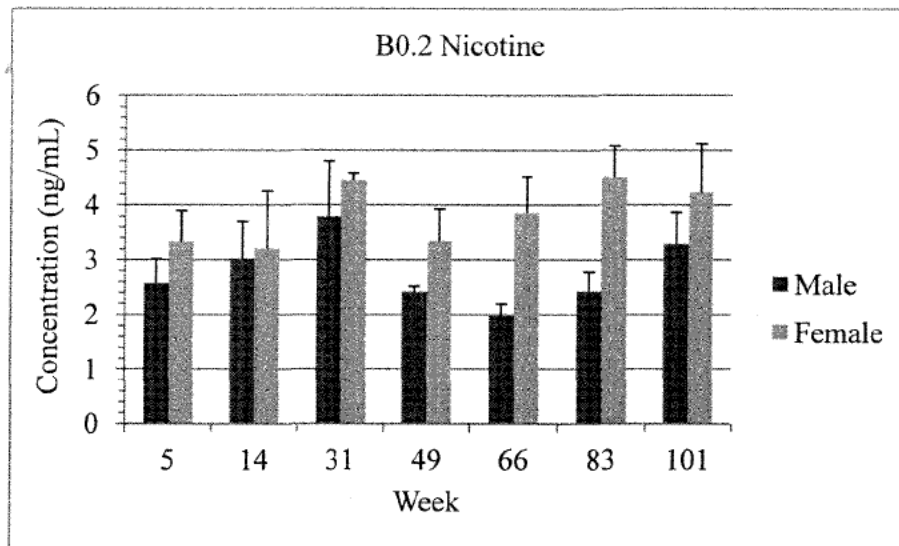


Plate B

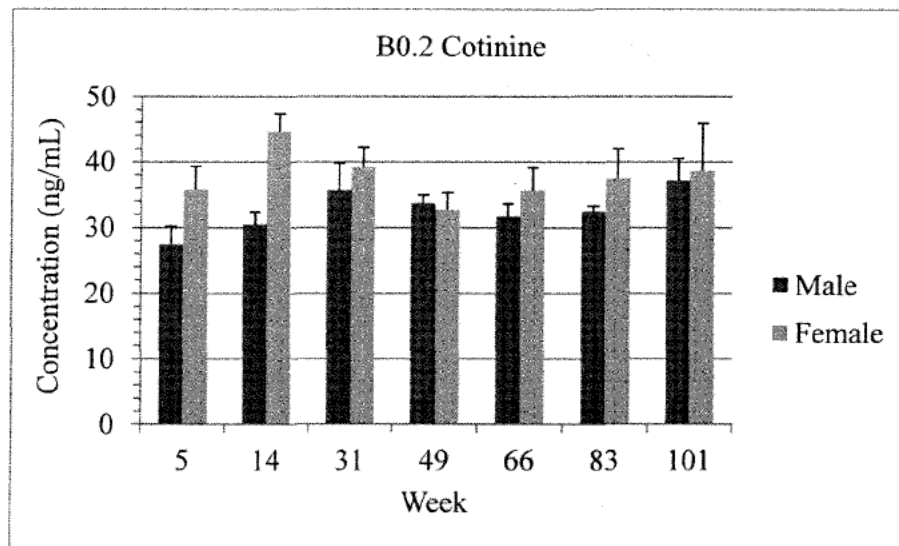


Figure 15. C_{max} (Mean + SEM) for Male and Female Rats After Daily Oral Exposure of 0.2 mg/kg/day Tobacco Blend – Nicotine (Plate A) and Cotinine (Plate B)

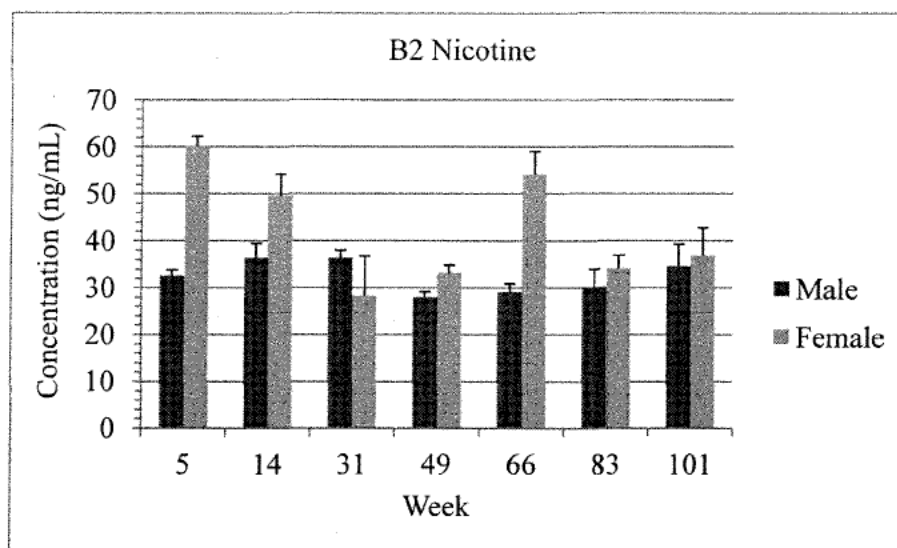
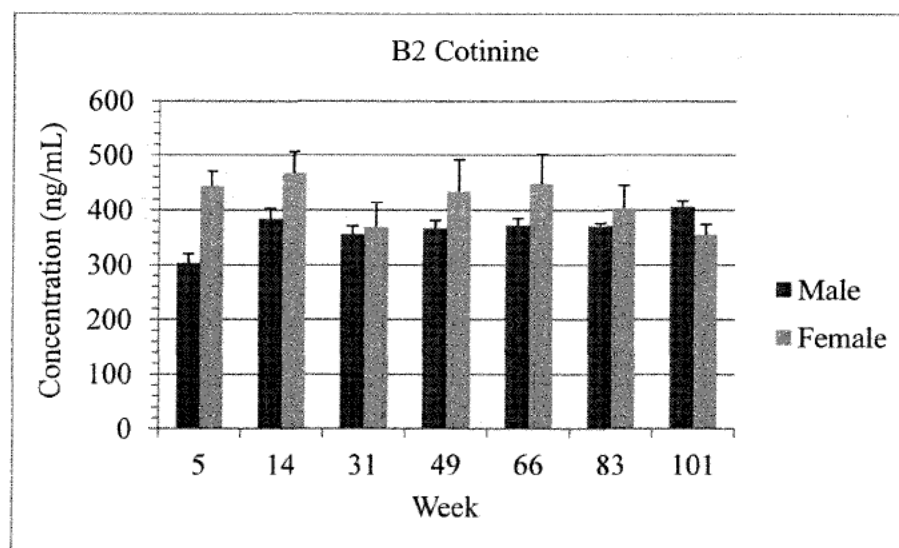
Plate A**Plate B**

Figure 16. C_{max} (Mean + SEM) for Male and Female Rats After Daily Oral Exposure of 2 mg/kg/day Tobacco Blend – Nicotine (Plate A) and Cotinine (Plate B)

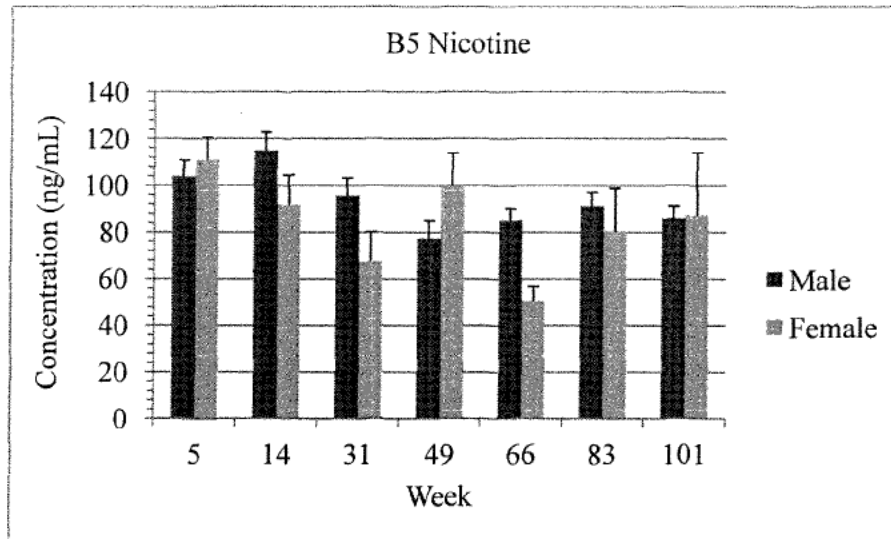
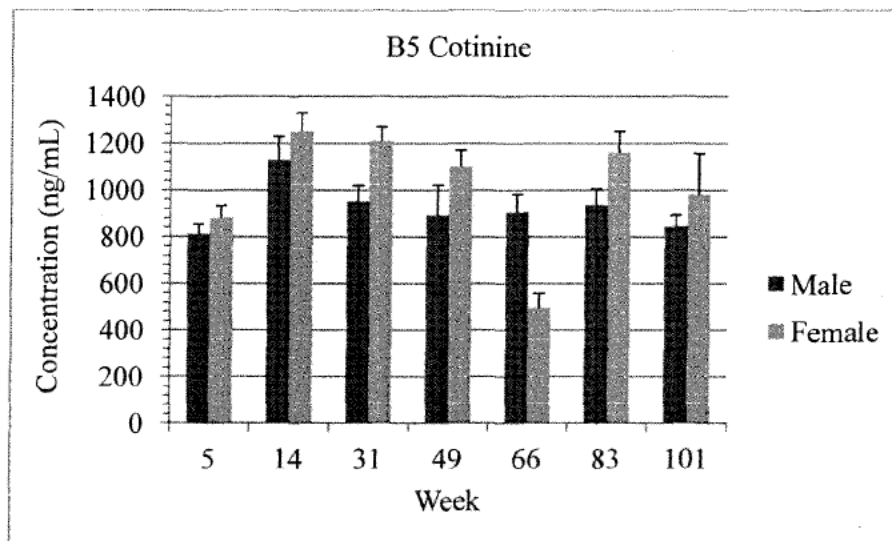
Plate A**Plate B**

Figure 17. C_{max} (Mean + SEM) for Male and Female Rats After Daily Oral Exposure of 5 mg/kg/day Tobacco Blend – Nicotine (Plate A) and Cotinine (Plate B)

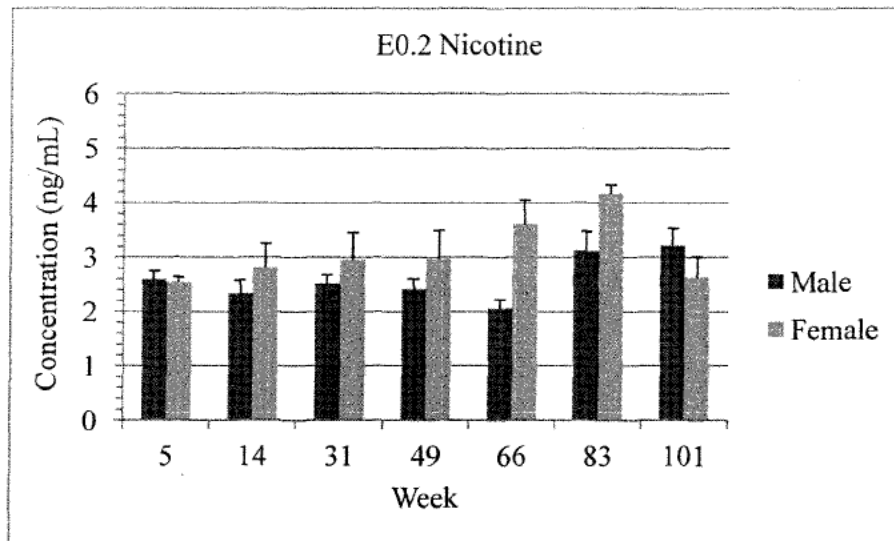
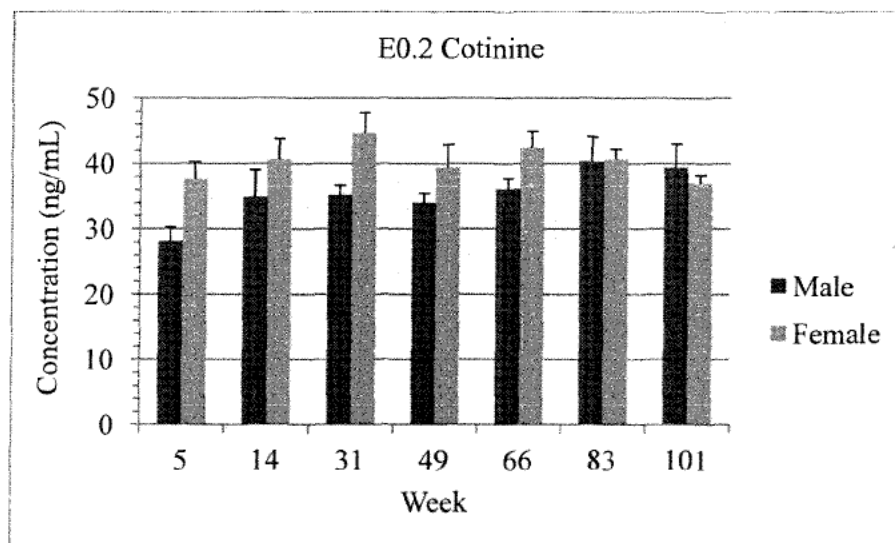
Plate A**Plate B**

Figure 18. C_{max} (Mean + SEM) for Male and Female Rats After Daily Oral Exposure of 0.2 mg/kg/day Tobacco Extract – Nicotine (Plate A) and Cotinine (Plate B)

Plate A

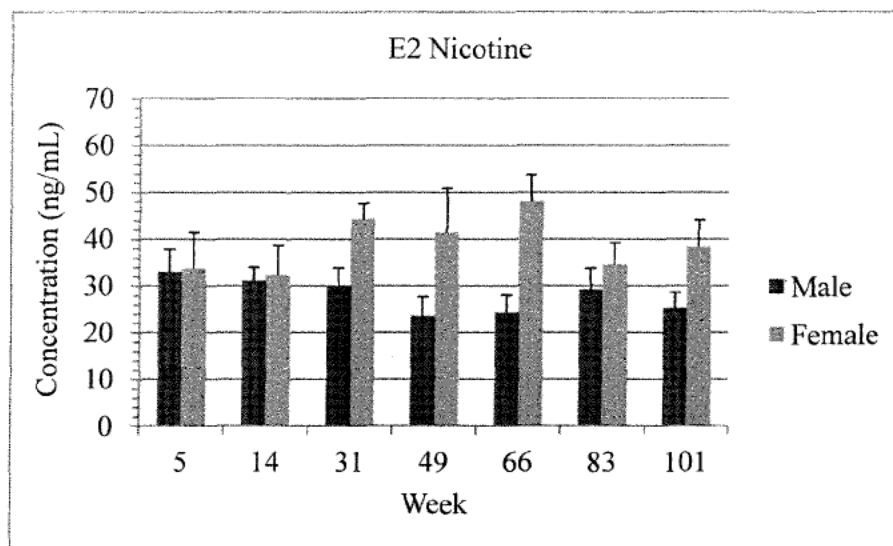


Plate B

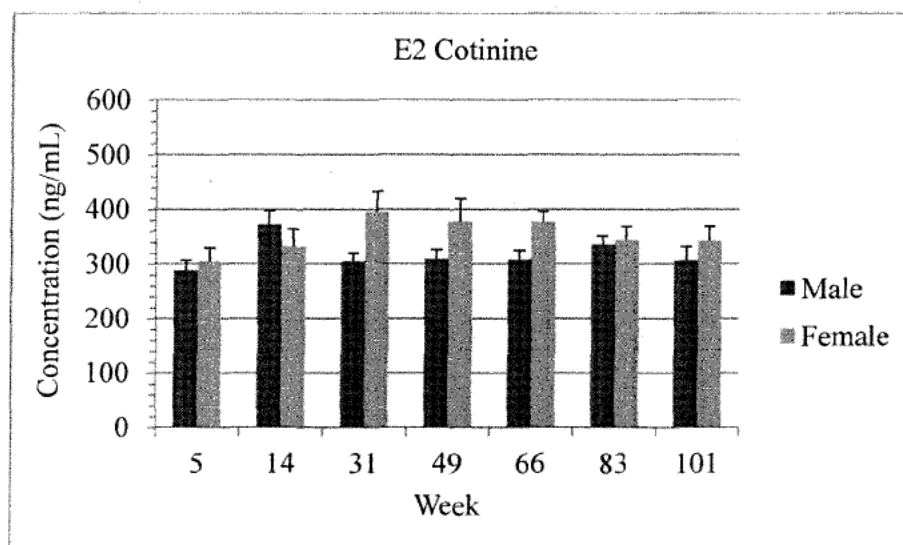


Figure 19. C_{max} (Mean + SEM) for Male and Female Rats After Daily Oral Exposure of 2 mg/kg/day Tobacco Extract – Nicotine (Plate A) and Cotinine (Plate B)

Plate A

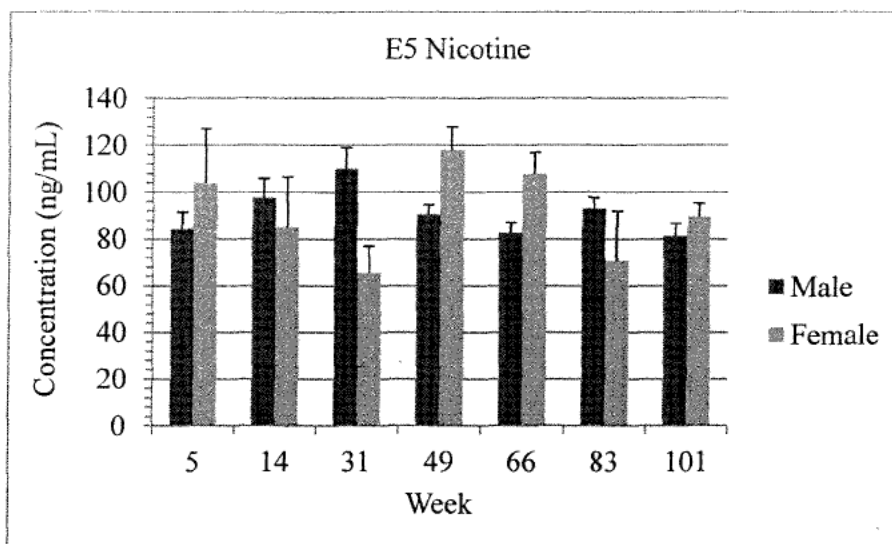


Plate B

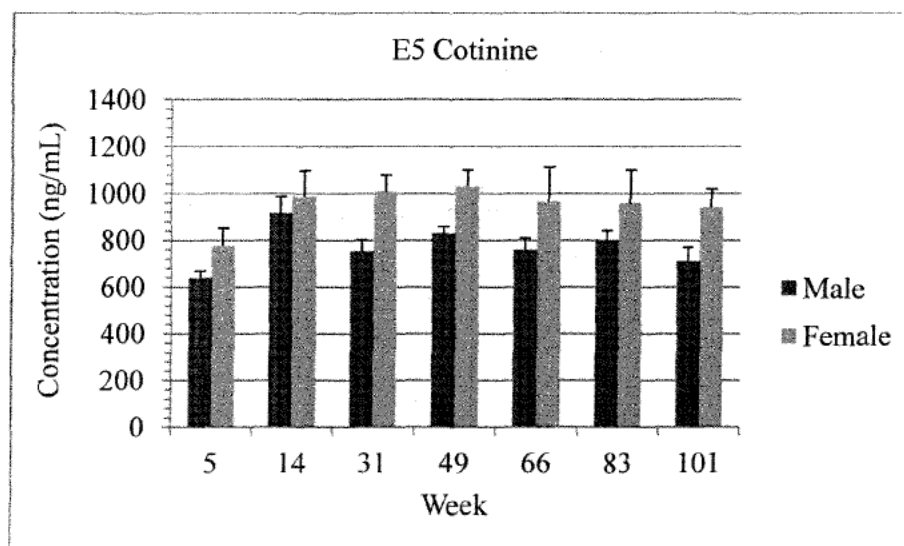


Figure 20. C_{max} (Mean + SEM) for Male and Female Rats After Daily Oral Exposure of 5 mg/kg/day Tobacco Extract – Nicotine (Plate A) and Cotinine (Plate B)

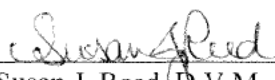
APPENDIX I: OPHTHALMIC REPORT

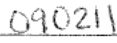
**AMENDED OPHTHALMIC EXAMINATIONS REPORT****2-YEAR CHRONIC TOXICITY/CARCINOGENICITY STUDY OF TOBACCO
BLEND AND AQUEOUS TOBACCO EXTRACT IN WISTAR HAN RATS**

Battelle Study No. CN49730G

September 2, 2011


Prepared By:

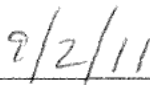


Susan J. Reed, D.V.M.
Clinical Veterinarian

Date

Approved By:



Tracy A. Peace, D.V.M., M.S., D.A.C.L.A.M.
Technical Reviewer

DateBATTELLE
Columbus Operations
505 King Avenue
Columbus, Ohio 43201

AMENDMENT SUMMARY TO THE OPHTHALMIC EXAMINATIONS REPORT**2-YEAR CHRONIC TOXICITY/CARCINOGENICITY STUDY
OF TOBACCO BLEND AND AQUEOUS TOBACCO EXTRACT IN
WISTAR HAN RATS**

Battelle Study No. CN49730G

Parts Changed/Revised from the report signed July 19, 2011:

1. a. Page 1, Section 2.0, the third sentence of the first paragraph has changed from:

Ninety-three out of 524 female animals were found to have ocular abnormalities.

to:

Ninety-three out of 523 female animals were found to have ocular abnormalities.
- b. The reason for this change is to correct the number of female animals observed during pretest.
2. a. Page 2, Section 4.0, the third paragraph has changed from:

Six out of 333 female core carcinogenicity animals examined were found to have ocular abnormalities other than CC1's: 1 tobacco blend low dose (B0.2F) had CC2 in one eye, 1 tobacco blend intermediate dose (B2F) had a scar in the lower eyelid, 1 tobacco extract low dose female (E0.2F) had CC2 in one eye, 1 E0.2F had a cataract in 1 eye, 1 E2F had CC2 in one eye, and 1 tobacco extract high dose E5M had corneal opacity vascularization that prevented evaluation of deeper structures.

to:

Six out of 333 female core carcinogenicity animals examined were found to have ocular abnormalities other than CC1s: 1 tobacco blend low dose (B0.2F) had CC2 in one eye, 1 tobacco blend intermediate dose (B2F) had a scar in the lower eyelid, 1 tobacco extract low dose female (E0.2F) had CC2 in one eye, 1 E0.2F had a cataract in one eye, 1 tobacco extract intermediate dose (E2F) had CC2 in one eye, and 1 tobacco extract high dose (E5F) had corneal opacity vascularization that prevented evaluation of deeper structures.

- b. The reasons for these changes is to number format, define abbreviations, and to correct the dose group abbreviation of the animal with the corneal opacity vascularization.
3. a. Page 3, Table 1 has been changed to include a header row and to modify the values for the B2 dose group of the Day 718 & 722 males from:

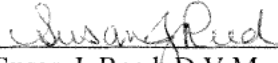
	B2
Day 718 & 722 Males	44/50 (88)

to:

	B2
Day 718 & 722 Males	43/50 (86)

- b. The reason for these changes is to clarify the meaning of the header abbreviations, and to correct the number of animals exhibiting CCIs and the percent prevalence per group.
4. a. The report and table were reformatted.
5. a. Amended pages are designated with "Amended Page" and include the Cover page, and pages 1, 2, and 3.

Approved By, Battelle:



Susan J. Reed, D.V.M.
Clinical Veterinarian

090211

Date

1.0 MATERIALS AND METHODS

Ophthalmic examinations were performed on all potential core carcinogenicity animals during the pretest phase (Days -8, -11, and -12 for males, Days -8 and -9 for females), and on all core carcinogenicity study animals on Days 374, 379, 718, and 722 for males and Days 374, 377, 720, and 721 for females. The Control-B group (CBM, CBF) and sentinels were excluded from ophthalmic examinations.

The pupils of the animals were dilated by instillation of 1% Tropicamide Ophthalmic Solution (Bausch and Lomb) into each eye before examination.

Each ophthalmic examination included an examination of the adnexal structures, a direct examination of anterior segment of the eye, and an indirect examination of the posterior segment of the eye. Examination of adnexal structures included conjunctiva, eyelids, and eyelashes. Structures examined in the anterior segment of the eye included the cornea, sclera, iris, pupil, lens, aqueous humor, and anterior chamber. Structures examined in the posterior segment of the eye included the vitreous humor, retina, and optic disc.

A Zeiss Hand Slit Lamp HSO 10 was utilized for all direct ophthalmic examinations. A Keeler All Pupil Indirect Ophthalmoscope with a Volk 30 diopter double aspheric lens was utilized for all indirect ophthalmic examinations.

2.0 PRETEST RESULTS

One hundred fourteen out of 525 male animals were found to have ocular abnormalities. Of these, 90 exhibited corneal crystals (CC1: structures can be easily visualized through the corneal crystals, without impairment) in one or both eyes, 2 exhibited corneal crystals (CC2: structures can be visualized through the corneal crystals, with impairment), 22 exhibited a persistent pupillary membrane, 1 exhibited a persistent hyaloid, and 2 exhibited a cataract. Ninety-three out of 523 female animals were found to have ocular abnormalities. Of these, 57 exhibited corneal crystals (CC1) in one or both eyes, 1 exhibited corneal crystals (CC2), 24 exhibited a persistent pupillary membrane, 2 exhibited a persistent hyaloid, 9 exhibited a cataract, and 1 had a prominent Y suture.

All other animals were noted as normal during the ophthalmic examinations.

Animals with ocular abnormalities other than CC1s were excluded from the assignment to the core carcinogenicity groups.

3.0 DAY 374 and 379 (males), DAY 374 and 377 (females) RESULTS

Three hundred eighty-five out of 831 core carcinogenicity animals examined had CC1s (Table 1). There were no other ophthalmic findings for core carcinogenicity animals assigned to the study.

4.0 DAY 718 and 722 (males), DAY 720 and 721 (females) RESULTS

Five hundred eighty-nine out of 684 core carcinogenicity animals examined had CC1's (Table 1).

Ten out of 351 male core carcinogenicity animals were found to have ocular abnormalities other than CC1s: 1 Control-A (CM) had CC2 in one eye, 1 tobacco blend intermediate dose (B2M) had CC2 in one eye, 2 tobacco blend high dose (B5M) had anterior synechiae in one eye, 1 B5M had corneal vascularization in one eye, 1 B5M had a cataract in one eye, 1 tobacco extract low dose (E0.2M) had a corneal opacity that prevented evaluation of deeper structures, 1 tobacco extract intermediate dose (E2M) had cataracts in both eyes, 1 E2M had CC2 in one eye, and 1 E5M had CC2 in one eye.

Six out of 333 female core carcinogenicity animals examined were found to have ocular abnormalities other than CC1s: 1 tobacco blend low dose (B0.2F) had CC2 in one eye, 1 tobacco blend intermediate dose (B2F) had a scar in the lower eyelid, 1 tobacco extract low dose female (E0.2F) had CC2 in one eye, 1 E0.2F had a cataract in one eye, 1 tobacco extract intermediate dose (E2F) had CC2 in one eye, and 1 tobacco extract high dose (E5F) had corneal opacity vascularization that prevented evaluation of deeper structures.

5.0 CONCLUSIONS

No apparent test article related abnormalities were noted during the study.

Table 1. Group Summary of Corneal Crystals (CC1) in Male and Female Rats

	Dosage Group						
	C	B0.2	B2	B5	E0.2	E2	E5
Day 374 & 379 Males	24/58 ^a (41) ^b	29/60 (48)	27/57 (47)	30/60 (50)	39/58 (67)	34/60 (57)	36/60 (60)
Day 374 & 377 Females	17/60 (28)	23/59 (39)	24/59 (41)	31/60 (52)	24/60 (40)	23/60 (38)	24/60 (40)
Day 718 & 722 Males	37/50 (74)	38/50 (76)	43/50 (86)	44/54 (81)	44/52 (85)	45/50 (90)	38/45 (84)
Day 720 & 721 Females	43/48 (90)	39/47 (83)	37/44 (84)	45/48 (94)	47/48 (98)	43/48 (90)	46/50 (92)

^a Number of animals exhibiting CC1s / the total number of animals examined per group.^b Prevalence of CC1s per group (%).

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CN49730G

Ophthalmic Exam Results - Males

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Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
121	253	Normal	CC1 OS	CC1 OD
122	210	Normal	Normal	Normal
123	503	Normal	--	--
124	70	Normal	Normal	CC1 OD
125	69	Normal	Normal	CC1 OU
126	191	Normal	Normal	Normal
127	155	Normal	CC1 OD	CC1 OU
128	499	Normal	Normal	Normal
129	211	Normal	Normal	CC1 OS
130	284	Normal	Normal	Normal
131	92	CC1 OD	CC1 OU	CC1 OD
132	437	Normal	CC1 OD	CC1 OU
133	438	Normal	Normal	CC1 OU
134	387	Normal	Normal	--
135	174	Normal	CC1 OU	CC1 OU
136	390	Normal	Normal	Normal
137	65	Normal	Normal	CC1 OU
138	396	Normal	Normal	CC1 OD
139	162	Normal	CC1 OS	CC1 OU
140	23	Normal	Normal	--
141	507	CC1 OD	CC1 OD	CC1 OU
142	288	Normal	CC1 OD	CC1 OD
143	465	Normal	CC1 OD	CC1 OU
144	178	Normal	Normal	CC1 OU
145	464	Normal	Normal	CC1 OU
146	428	CC1 OS	CC1 OS	CC1 OS
147	179	Normal	Normal	CC1 OS
148	320	Normal	Normal	--
149	250	Normal	Normal	CC1 OS
150	513	CC1 OS	CC1 OU	CC1 OU
151	199	Normal	CC1 OD	CC1 OD
152	59	Normal	Normal	CC1 OS
153	52	Normal	Normal	Normal

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

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QC: BJB 5-11-11

Page 1 of 15

: 00308

CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
154	53	Normal	CC1 OD	CC1 OU
155	491	Normal	Normal	Normal
156	460	Normal	Normal	Normal
157	130	Normal	Normal	CC1 OD
158	41	CC1 OS	CC1 OS	CC1 OU
159	200	Normal	CC1 OU	CC1 OU
160	242	Normal	CC1 OS	CC2 OS, CC1 OD
161	415	Normal	Normal	--
162	300	Normal	--	--
163	22	Normal	Normal	CC1 OS
164	154	Normal	Normal	--
165	355	Normal	Normal	CC1 OU
166	412	Normal	Normal	CC1 OS
167	217	Normal	CC1 OD	--
168	315	CC1 OS	CC1 OS	CC1 OS
169	519	Normal	Normal	Normal
170	393	CC1 OD	CC1 OU	Normal
171	453	Normal	CC1 OD	CC1 OD
172	241	Normal	Normal	CC1 OU
173	7	Normal	Normal	Normal
174	68	Normal	CC1 OS	CC1 OU
175	106	Normal	Normal	--
176	170	Normal	CC1 OD	--
177	24	Normal	CC1 OU	CC1 OU
178	142	CC1 OD	CC1 OD	CC1 OU
179	105	Normal	Normal	Normal
180	497	Normal	Normal	Normal
201	225	Normal	--	--
202	85	Normal	--	--
203	323	Normal	--	--
204	316	Normal	--	--
205	452	Normal	--	--
206	280	Normal	--	--
207	346	Normal	--	--

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040211 MBQC: BBS 5-11-11

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
208	317	Normal	--	--
209	462	Normal	--	--
210	356	Normal	--	--
211	347	Normal	--	--
212	96	Normal	--	--
213	173	CC1 OS	--	--
214	183	CC1 OS	--	--
215	433	Normal	--	--
216	329	Normal	--	--
217	414	Normal	--	--
218	14	Normal	--	--
219	230	CC1 OU	--	--
220	114	Normal	--	--
221	232	Normal	--	--
222	379	Normal	--	--
223	287	Normal	--	--
224	177	Normal	--	--
225	249	Normal	--	--
226	256	CC1 OS	--	--
227	172	CC1 OS	--	--
228	44	Normal	--	--
229	278	Normal	--	--
230	389	Normal	--	--
231	138	Normal	--	--
232	259	Normal	--	--
233	121	Normal	--	--
234	268	CC1 OS	--	--
235	40	Normal	--	--
236	335	Normal	--	--
237	404	Normal	--	--
238	128	Normal	--	--
239	223	Normal	--	--
240	490	Normal	--	--
241	333	Normal	--	--

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040211 JLBQC: BGB 5-11-11

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
242	269	Normal	--	--
243	492	Normal	--	--
244	159	Normal	--	--
245	5	CC1 OS	--	--
246	480	Normal	--	--
247	194	CC1 OD	--	--
248	99	CC1 OU	--	--
249	107	Normal	--	--
250	263	CC1 OD	--	--
251	104	Normal	--	--
252	272	Normal	--	--
253	432	Normal	--	--
254	516	Normal	--	--
255	342	CC1 OS	--	--
256	18	Normal	--	--
257	109	CC1 OD	--	--
258	311	Normal	--	--
259	362	Normal	--	--
260	151	CC1 OS	--	--
321	421	Normal	CC1 OU	CC1 OU
322	364	Normal	CC1 OU	--
323	482	Normal	CC1 OU	CC1 OU
324	72	Normal	CC1 OS	CC1 OU
325	184	CC1 OU	Normal	CC1 OD
326	501	Normal	Normal	Normal
327	449	Normal	Normal	CC1 OU
328	192	Normal	Normal	CC1 OU
329	422	Normal	Normal	CC1 OD
330	518	Normal	CC1 OU	CC1 OU
331	156	Normal	Normal	CC1 OU
332	196	Normal	Normal	--
333	147	CC1 OD	CC1 OD	CC1 OU
334	504	CC1 OS	CC1 OU	CC1 OU
335	42	Normal	Normal	Normal

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals. Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040311 JLB

QC: BAB 5-11-11

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
336	455	Normal	Normal	Normal
337	489	Normal	CC1 OU	CC1 OU
338	378	Normal	Normal	CC1 OU
339	274	Normal	Normal	Normal
340	71	Normal	CC1 OS	CC1 OS
341	306	Normal	Normal	--
342	494	Normal	Normal	CC1 OS
343	64	CC1 OD	CC1 OD	CC1 OU
344	369	Normal	CC1 OS	CC1 OU
345	493	Normal	Normal	CC1 OU
346	373	Normal	CC1 OU	CC1 OU
347	445	Normal	Normal	--
348	90	Normal	CC1 OU	CC1 OU
349	371	Normal	CC1 OD	--
350	78	Normal	Normal	CC1 OD
351	375	Normal	CC1 OD	CC1 OU
352	110	Normal	CC1 OD	Normal
353	2	Normal	Normal	--
354	418	Normal	CC1 OU	--
355	273	Normal	Normal	Normal
356	136	Normal	Normal	CC1 OU
357	4	Normal	Normal	Normal
358	158	Normal	CC1 OD	CC1 OD
359	406	CC1 OD	CC1 OD	CC1 OD
360	176	Normal	CC1 OS	CC1 OU
361	224	Normal	Normal	CC1 OS
362	122	Normal	Normal	Normal
363	370	CC1 OD	CC1 OU	--
364	111	Normal	Normal	Normal
365	235	Normal	Normal	--
366	330	Normal	Normal	CC1 OU
367	447	Normal	Normal	Normal
368	79	CC1 OD	CC1 OU	CC1 OU
369	57	CC1 OD	CC1 OD	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040311 JLB

QC: B08 S-11-1

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
370	472	Normal	CC1 OD	CC1 OD
371	366	Normal	CC1 OD	CC1 OU
372	384	Normal	Normal	CC1 OD
373	207	Normal	Normal	Normal
374	382	CC1 OS	CC1 OU	CC1 OU
375	467	Normal	Normal	Normal
376	313	Normal	Normal	--
377	86	Normal	CC1 OD	CC1 OU
378	336	Normal	CC1 OS	CC1 OU
379	385	Normal	Normal	CC1 OU
380	469	Normal	CC1 OD	CC1 OU
421	439	Normal	CC1 OD	CC1 OU
422	456	CC1 OD	CC1 OU	CC1 OU
423	124	Normal	Normal	CC1 OU
424	11	CC1 OS	--	--
425	440	Normal	Normal	CC1 OD
426	448	Normal	Normal	CC1 OS, CC2 OD
427	144	Normal	CC1 OU	CC1 OU
428	363	Normal	Normal	Normal
429	441	Normal	Normal	CC1 OU
430	487	CC1 OS	CC1 OU	--
431	77	Normal	Normal	CC1 OU
432	145	Normal	Normal	CC1 OU
433	46	Normal	Normal	CC1 OU
434	388	Normal	Normal	CC1 OU
435	297	Normal	CC1 OU	CC1 OU
436	171	Normal	Normal	--
437	331	Normal	CC1 OD	CC1 OU
438	520	Normal	Normal	Normal
439	21	Normal	Normal	Normal
440	143	CC1 OS	CC1 OU	CC1 OU
441	365	Normal	Normal	Normal
442	427	Normal	CC1 OU	CC1 OU
443	75	CC1 OD	CC1 OD	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040411 JLB

QC: BAB 5-11-11

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
444	252	Normal	CC1 OU	--
445	30	Normal	--	--
446	34	Normal	Normal	CC1 OU
447	239	Normal	Normal	CC1 OD
448	457	Normal	Normal	CC1 OU
449	13	Normal	CC1 OD	CC1 OU
450	293	CC1 OS	CC1 OU	CC1 OU
451	446	Normal	Normal	CC1 OU
452	392	CC1 OS	CC1 OS	CC1 OU
453	400	CC1 OU	CC1 OU	CC1 OU
454	118	Normal	CC1 OU	CC1 OU
455	337	Normal	Normal	Normal
456	39	CC1 OD	CC1 OD	CC1 OU
457	35	CC1 OS	CC1 OS	CC1 OU
458	478	CC1 OS	CC1 OU	CC1 OU
459	483	Normal	Normal	CC1 OS
460	180	Normal	Normal	CC1 OS
461	470	CC1 OD	CC1 OD	CC1 OD
462	94	CC1 OD	CC1 OD	CC1 OU
463	88	Normal	CC1 OS	CC1 OS
464	87	Normal	Normal	--
465	36	Normal	CC1 OD	CC1 OD
466	33	Normal	CC1 OU	CC1 OU
467	197	Normal	Normal	CC1 OU
468	302	Normal	CC1 OS	CC1 OU
469	350	Normal	Normal	Normal
470	112	Normal	Normal	CC1 OD
471	247	Normal	--	--
472	25	Normal	Normal	--
473	318	Normal	CC1 OS	CC1 OU
474	324	Normal	CC1 OS	CC1 OU
475	254	Normal	Normal	CC1 OU
476	339	Normal	CC1 OS	CC1 OU
477	103	Normal	Normal	--

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 0404/11 JB

QC: BAB 5-11-11

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
478	468	Normal	Normal	Normal
479	361	Normal	Normal	CC1 OS
480	459	Normal	Normal	--
521	307	Normal	Normal	CC1 OU
522	189	Normal	Normal	Normal
523	301	Normal	CC1 OS	CC1 OU
524	108	CC1 OS	CC1 OS	CC1 OU
525	161	Normal	CC1 OD	CC1 OD
526	82	Normal	Normal	anterior synechiae OD
527	514	Normal	CC1 OU	CC1 OU
528	17	Normal	CC1 OD	CC1 OD
529	32	Normal	CC1 OD	CC1 OU
530	204	Normal	CC1 OU	--
531	134	Normal	Normal	CC1 OD
532	391	Normal	Normal	--
533	127	Normal	Normal	CC1 OD
534	383	Normal	Normal	CC1 OU
535	47	Normal	CC1 OD	CC1 OU
536	473	Normal	Normal	Normal
537	101	CC1 OD	CC1 OD	--
538	221	Normal	Normal	CC1 OU
539	319	Normal	CC1 OD	CC1 OD
540	208	Normal	CC1 OD	CC1 OU
541	328	Normal	CC1 OU	CC1 OU
542	150	Normal	CC1 OU	CC1 OS, CC1 & corneal vascularization OD
543	282	Normal	CC1 OD	CC1 OU
544	368	Normal	CC1 OU	CC1 OU
545	133	CC1 OD	CC1 OU	CC1 OS, C & CC1 OD
546	277	Normal	Normal	Normal
547	222	Normal	CC1 OS	CC1 OU
548	283	Normal	CC1 OU	CC1 OU
549	246	Normal	CC1 OD	CC1 OU
550	309	Normal	Normal	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 JLB

QC: BAB 5-11-11

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
551	285	CC1 OS	CC1 OU	CC1 OU
552	251	Normal	Normal	CC1 OU
553	481	Normal	Normal	CC1 OS
554	117	Normal	Normal	CC1 OS
555	228	Normal	Normal	CC1 OD
556	416	CC1 OU	CC1 OU	CC1 OU
557	190	Normal	CC1 OD	CC1 OU
558	340	CC1 OS	CC1 OU	CC1 OU
559	233	Normal	Normal	CC1 OU
560	394	Normal	Normal	CC1 OD
561	419	Normal	CC1 OU	CC1 OU
562	84	Normal	Normal	anterior synechiae OS
563	349	Normal	Normal	--
564	463	Normal	CC1 OD	CC1 OU
565	234	Normal	CC1 OS	CC1 OS
566	188	CC1 OD	CC1 OD	CC1 OU
567	359	Normal	Normal	--
568	125	Normal	Normal	CC1 OU
569	417	Normal	Normal	Normal
570	377	Normal	CC1 OU	CC1 OU
571	327	Normal	CC1 OU	CC1 OU
572	58	Normal	Normal	CC1 OU
573	286	Normal	Normal	CC1 OU
574	262	Normal	Normal	CC1 OU
575	257	Normal	Normal	Normal
576	360	Normal	Normal	Normal
577	308	Normal	Normal	Normal
578	149	Normal	Normal	Normal
579	358	Normal	CC1 OU	--
580	209	Normal	Normal	CC1 OS
621	135	Normal	CC1 OD	CC1 OU
622	338	CC1 OS	CC1 OU	CC1 OU
623	51	CC1 OD	CC1 OD	CC1 OU
624	62	CC1 OS	CC1 OS	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 JLB

QC: BJB S-11-11

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
625	102	Normal	CC1 OU	--
626	49	CC1 OD	CC1 OD	CC1 OU
627	471	Normal	CC1 OD	CC1 OU
628	266	Normal	Normal	CC1 OU
629	495	Normal	CC1 OD	CC1 OD
630	410	Normal	Normal	CC1 OU
631	186	Normal	CC1 OD	CC1 OS
632	303	Normal	CC1 OS	CC1 OU
633	164	CC1 OD	CC1 OD	CC1 OU
634	299	CC1 OS	CC1 OU	CC1 OU
635	381	Normal	CC1 OD	Normal
636	214	Normal	CC1 OD	CC1 OU
637	402	Normal	Normal	Normal
638	431	Normal	CC1 OD	CC1 OU
639	352	Normal	Normal	CC1 OS
640	73	CC1 OD	CC1 OD	CC1 OS
641	298	Normal	Normal	CC1 OD
642	312	Normal	Normal	cornea opaque unable to evaluate deeper structure OD
643	398	Normal	Normal	CC1 OU
644	271	Normal	Normal	Normal
645	123	Normal	CC1 OU	CC1 OU
646	152	Normal	CC1 OD	--
647	326	Normal	CC1 OU	CC1 OU
648	508	Normal	CC1 OU	Normal
649	175	Normal	Normal	--
650	354	Normal	Normal	CC1 OS
651	279	Normal	Normal	CC1 OU
652	372	Normal	Normal	Normal
653	120	Normal	CC1 OS	CC1 OS
654	408	Normal	CC1 OD	CC1 OU
655	348	Normal	Normal	CC1 OU
656	29	Normal	Normal	Normal

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 JLB

QC: 040511 JLB

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
657	168	Normal	CC1 OD	CC1 OU
658	305	CC1 OD	CC1 OD	CC1 OU
659	139	Normal	CC1 OD	CC1 OU
660	413	Normal	Normal	CC1 OU
661	353	CC1 OS	CC1 OU	--
662	76	Normal	--	--
663	48	Normal	Normal	CC1 OU
664	344	Normal	Normal	Normal
665	226	Normal	CC1 OD	CC1 OU
666	185	Normal	CC1 OU	CC1 OU
667	165	Normal	CC1 OD	CC1 OU
668	443	Normal	Normal	CC1 OU
669	95	Normal	CC1 OS	CC1 OU
670	115	Normal	CC1 OD	CC1 OD
671	227	CC1 OD	CC1 OD	CC1 OU
672	20	CC1 OS	CC1 OS	CC1 OU
673	100	Normal	CC1 OD	CC1 OD
674	43	Normal	Normal	CC1 OD
675	203	Normal	CC1 OS	--
676	202	CC1 OD	CC1 OU	CC1 OU
677	496	Normal	CC1 OS	CC1 OU
678	436	Normal	CC1 OS	CC1 OU
679	444	Normal	CC1 OU	--
680	276	Normal	--	--
721	294	CC1 OS	CC1 OS	CC1 OS
722	216	CC1 OS	CC1 OS	CC1 OS
723	9	Normal	CC1 OU	CC1 OU
724	296	Normal	CC1 OD	CC1 OU
725	367	Normal	CC1 OD	CC1 OU
726	81	Normal	CC1 OU	CC1 OU
727	295	Normal	CC1 OD	CC1 OU
728	409	Normal	CC1 OD	--
729	405	Normal	CC1 OD	CC1 OU
730	424	Normal	CC1 OD	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals. Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 JLB

QC: 683 5-11-11

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
731	401	Normal	Normal	CC1 OU
732	119	Normal	Normal	CC1 OU
733	1	CC1 OS	CC1 OS	CC1 OU
734	397	CC1 OD	CC1 OU	CC1 OU
735	215	Normal	Normal	CC1 OU
736	411	Normal	Normal	CC1 OD
737	429	Normal	Normal	Normal
738	289	Normal	CC1 OS	CC1 OS
739	407	Normal	Normal	CC1 OS
740	321	Normal	Normal	Normal
741	479	Normal	CC1 OD	CC1 OU
742	304	Normal	Normal	CC1 OD
743	167	Normal	CC1 OD	CC1 OU
744	376	CC1 OD	CC1 OD	CC1 OD
745	38	CC1 OS	CC1 OU	CC1 OU
746	461	CC1 OS	CC1 OU	CC1 OU
747	213	Normal	Normal	CC1 OU
748	310	Normal	Normal	--
749	248	Normal	CC1 OU	--
750	54	CC1 OU	CC1 OU	CC1 OU
751	434	Normal	CC1 OU	CC1 OU
752	477	Normal	CC1 OD	CC1 OU
753	198	Normal	Normal	CC1 OU
754	160	CC1 OS	Normal	--
755	6	Normal	Normal	--
756	264	Normal	Normal	CC1 OS
757	517	Normal	CC1 OU	CC1 OU
758	510	CC1 OS	CC1 OU	CC1 OU
759	74	Normal	Normal	--
760	325	Normal	Normal	CC1 OU
761	129	Normal	CC1 OD	CC1 OU
762	3	Normal	CC1 OD	CC1 OU
763	231	Normal	CC1 OU	CC1 OU
764	16	Normal	Normal	CC1 OS

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: D40511 J12QC: BAB 5-11-11

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
765	153	Normal	Normal	CC1 OS
766	166	Normal	Normal	C OU
767	218	Normal	Normal	--
768	498	Normal	Normal	Normal
769	8	Normal	CC1 OD	--
770	395	Normal	Normal	CC2 OS, CC1 OD
771	525	Normal	Normal	CC1 OU
772	116	Normal	Normal	Normal
773	140	Normal	CC1 OS	--
774	386	Normal	Normal	CC1 OU
775	334	Normal	CC1 OD	CC1 OS
776	98	Normal	Normal	CC1 OU
777	511	Normal	CC1 OS	CC1 OU
778	236	Normal	CC1 OD	--
779	500	Normal	CC1 OU	CC1 OU
780	341	Normal	CC1 OD	CC1 OU
821	522	Normal	CC1 OU	--
822	322	Normal	CC1 OD	--
823	423	Normal	CC1 OD	CC1 OU
824	332	Normal	CC1 OS	CC1 OU
825	291	Normal	Normal	Normal
826	229	Normal	Normal	Normal
827	245	CC1 OD	CC1 OU	--
828	169	Normal	CC1 OU	CC1 OU
829	60	Normal	Normal	--
830	435	Normal	Normal	CC1 OS
831	238	Normal	Normal	CC1 OU
832	509	Normal	Normal	CC1 OD
833	137	Normal	CC1 OD	CC1 OD
834	512	Normal	CC1 OD	--
835	212	CC1 OD	CC1 OD	CC1 OU
836	267	Normal	Normal	--
837	66	CC1 OS	CC1 OS	CC1 OU
838	205	Normal	CC1 OS	CC1 OS

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 JLB

QC: BSB 5-11-11

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
839	270	Normal	CC1 OU	CC1 OU
840	93	Normal	CC1 OS	CC1 OU
841	292	Normal	CC1 OD	CC1 OU
842	474	Normal	Normal	CC1 OU
843	80	Normal	CC1 OU	--
844	31	Normal	Normal	CC1 OU
845	255	Normal	CC1 OU	--
846	83	Normal	Normal	CC1 OS
847	399	Normal	CC1 OD	CC1 OU
848	181	CC1 OS	CC1 OU	--
849	12	Normal	Normal	CC1 OU
850	374	Normal	Normal	CC1 OU
851	451	CC1 OD	CC1 OD	CC1 OD
852	258	Normal	Normal	--
853	523	Normal	CC1 OU	CC1 OU
854	37	CC1 OD	CC1 OD	--
855	442	Normal	CC1 OS	Normal
856	281	Normal	Normal	--
857	131	Normal	Normal	--
858	146	CC1 OS	CC1 OS	--
859	148	CC1 OS	CC1 OU	CC1 OU
860	91	Normal	CC1 OU	CC1 OU
861	476	Normal	Normal	CC1 OD
862	485	Normal	Normal	CC1 OU
863	45	CC1 OS	CC1 OU	CC1 OU
864	505	Normal	CC1 OD	CC1 OU
865	357	Normal	CC1 OU	CC1 OU
866	380	Normal	Normal	Normal
867	265	Normal	CC1 OS	CC1 OS
868	425	Normal	CC1 OU	--
869	97	Normal	CC1 OU	CC1 OU
870	426	Normal	Normal	CC1 OS
871	420	Normal	Normal	CC1 OU
872	244	Normal	Normal	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: DYOS11 JLBQC: MB 5-11-11

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CN49730G

Ophthalmic Exam Results - Males

Study ID	Pretest ID	Day -12, -11, & -8 Pretest Findings 2/19/09 - 2/23/09	Weeks 54 & 55 Findings 3/11/10 - 3/16/10	Weeks 103 & 104 Findings 2/18/11 - 2/22/11
873	132	Normal	Normal	Normal
874	193	Normal	Normal	Normal
875	261	Normal	CC1 OS	CC1 OU
876	314	Normal	CC1 OD	CC1 OU
877	157	CC1 OD	CC1 OU	CC1 OD
878	187	Normal	CC1 OS	CC2 OS, CC1 OD
879	458	Normal	Normal	Normal
880	219	CC1 OU	CC1 OU	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 J.B.QC: 60511-11

: 00339

CN49730G

Ophthalmic Exam Results - Females

Generated by: JAC 3/25/11 15 pages

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1121	979	Normal	CC1 OU	--
1122	712	Normal	Normal	--
1123	646	Normal	CC1 OD	--
1124	833	CC1 OU	CC1 OU	--
1125	789	Normal	CC1 OS	CC1 OS
1126	693	Normal	Normal	CC1 OD
1127	783	Normal	Normal	CC1 OU
1128	1048	Normal	Normal	CC1 OS
1129	567	Normal	Normal	--
1130	992	Normal	Normal	CC1 OD
1131	743	Normal	Normal	CC1 OD
1132	558	Normal	Normal	CC1 OU
1133	729	Normal	Normal	CC1 OU
1134	526	Normal	Normal	CC1 OU
1135	1005	Normal	Normal	CC1 OU
1136	687	Normal	Normal	--
1137	720	Normal	Normal	CC1 OU
1138	716	Normal	CC1 OD	CC1 OU
1139	1003	Normal	Normal	Normal
1140	792	CC1 OD	CC1 OD	CC1 OU
1141	925	Normal	Normal	--
1142	983	Normal	CC1 OD	CC1 OS
1143	881	Normal	Normal	CC1 OU
1144	829	Normal	CC1 OU	CC1 OU
1145	966	Normal	Normal	CC1 OU
1146	610	Normal	Normal	CC1 OD
1147	527	Normal	CC1 OS	CC1 OU
1148	787	Normal	Normal	CC1 OU
1149	961	Normal	Normal	Normal
1150	826	Normal	CC1 OD	CC1 OU
1151	777	Normal	Normal	Normal
1152	839	Normal	Normal	--
1153	684	Normal	CC1 OD	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 JAB

QC: 040512-11

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CN49730G

Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1154	740	Normal	CC1 OU	CC1 OD
1155	710	Normal	Normal	CC1 OS
1156	878	Normal	Normal	CC1 OU
1157	986	Normal	Normal	CC1 OD
1158	812	Normal	Normal	CC1 OU
1159	735	CC1 OS	Normal	CC1 OU
1160	790	CC1 OU	CC1 OU	--
1161	911	Normal	Normal	CC1 OU
1162	919	Normal	CC1 OD	CC1 OU
1163	1019	Normal	CC1 OD	Normal
1164	915	Normal	Normal	CC1 OS
1165	685	Normal	Normal	CC1 OU
1166	811	Normal	Normal	CC1 OS
1167	752	Normal	Normal	CC1 OU
1168	1044	Normal	CC1 OD	--
1169	934	Normal	Normal	CC1 OU
1170	530	Normal	Normal	CC1 OD
1171	661	Normal	Normal	CC1 OU
1172	799	Normal	Normal	CC1 OD
1173	680	Normal	Normal	CC1 OU
1174	1032	Normal	Normal	CC1 OU
1175	899	Normal	Normal	CC1 OU
1176	742	Normal	Normal	CC1 OU
1177	751	Normal	Normal	CC1 OD
1178	532	Normal	Normal	--
1179	989	Normal	CC1 OD	Normal
1180	599	Normal	Normal	--
1201	1011	Normal	--	--
1202	618	CC1 OS	--	--
1203	1026	Normal	--	--
1204	952	Normal	--	--
1205	944	Normal	--	--
1206	818	Normal	--	--
1207	622	CC1 OS	--	--

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: D40511 JCBQC: BGB 5-12-11

JE/BGB 5-12-11

: 00341

CN49730G

Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1208	578	Normal	--	--
1209	975	Normal	--	--
1210	795	Normal	--	--
1211	807	Normal	--	--
1212	963	Normal	--	--
1213	534	CC1 OS	--	--
1214	996	CC1 OS	--	--
1215	931	CC1 OS	--	--
1216	916	CC1 OS	--	--
1217	717	Normal	--	--
1218	759	Normal	--	--
1219	798	CC1 OU	--	--
1220	1001	Normal	--	--
1221	870	Normal	--	--
1222	971	Normal	--	--
1223	1049	Normal	--	--
1224	825	Normal	--	--
1225	871	CC1 OS	--	--
1226	776	Normal	--	--
1227	1014	Normal	--	--
1228	614	CC1 OD	--	--
1229	585	Normal	--	--
1230	993	Normal	--	--
1231	1002	Normal	--	--
1232	920	Normal	--	--
1233	843	CC1 OS	--	--
1234	954	Normal	--	--
1235	1013	Normal	--	--
1236	1024	Normal	--	--
1237	856	Normal	--	--
1238	559	Normal	--	--
1239	734	Normal	--	--
1240	889	Normal	--	--
1241	651	Normal	--	--

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 JLB

QC: BAB 5-12-11

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CN49730G

Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1242	902	CC1 OS	--	--
1243	960	Normal	--	--
1244	817	Normal	--	--
1245	824	Normal	--	--
1246	914	CC1 OS	--	--
1247	891	CC1 OD	--	--
1248	773	Normal	--	--
1249	708	Normal	--	--
1250	815	Normal	--	--
1251	674	Normal	--	--
1252	737	Normal	--	--
1253	535	Normal	--	--
1254	868	CC1 OS	--	--
1255	828	Normal	--	--
1256	969	Normal	--	--
1257	821	Normal	--	--
1258	982	Normal	--	--
1259	929	CC1 OD	--	--
1260	943	Normal	--	--
1321	571	Normal	Normal	--
1322	955	CC1 OD	CC1 OU	CC1 OU
1323	803	Normal	CC1 OS	--
1324	539	Normal	CC1 OD	--
1325	845	Normal	Normal	--
1326	620	Normal	Normal	--
1327	681	Normal	Normal	CC1 OU
1328	1034	Normal	Normal	CC1 OS
1329	608	Normal	Normal	CC1 OS
1330	796	CC1 OS	CC1 OS	CC1 OU
1331	1040	Normal	Normal	CC1 OS
1332	997	Normal	Normal	CC1 OD
1333	665	CC1 OD	CC1 OD	Normal
1334	733	Normal	CC1 OD	CC1 OS
1335	917	Normal	Normal	Normal

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals. Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 JLBQC: BAB 5-12-11

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CN49730G

Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1336	1045	Normal	Normal	CC1 OD
1337	896	Normal	Normal	--
1338	913	Normal	Normal	CC1 OS
1339	921	Normal	CC1 OS	CC1 OU
1340	988	Normal	CC1 OU	--
1341	948	Normal	--	--
1342	564	Normal	CC1 OS	Normal
1343	605	Normal	CC1 OS	CC1 OU
1344	738	CC1 OS	CC1 OS	CC1 OS
1345	977	Normal	CC1 OU	--
1346	941	CC1 OS	CC1 OU	Normal
1347	884	Normal	CC1 OU	CC1 OD
1348	900	Normal	Normal	CC1 OU
1349	600	Normal	Normal	CC1 OU
1350	791	Normal	Normal	CC1 OU
1351	947	Normal	Normal	Normal
1352	679	Normal	CC1 OD	CC1 OD
1353	837	CC1 OD	CC1 OU	CC1 OS
1354	932	Normal	Normal	CC1 OS
1355	749	Normal	Normal	--
1356	598	Normal	Normal	Normal
1357	779	Normal	Normal	CC1 OS
1358	624	Normal	Normal	--
1359	678	Normal	CC1 OD	CC1 OU
1360	561	Normal	Normal	CC1 OU
1361	924	Normal	Normal	Normal
1362	1031	Normal	Normal	CC1 OU
1363	695	Normal	CC1 OD	CC1 OU
1364	550	Normal	Normal	CC1 OU
1365	756	Normal	CC1 OS	CC1 OU
1366	659	Normal	Normal	--
1367	1020	Normal	Normal	CC1 OU
1368	572	Normal	Normal	CC1 OU
1369	1012	CC1 OS	CC1 OU	CC1 OD

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 JIBQC: BAB 5-12-11

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Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1370	938	Normal	CC1 OD	Normal
1371	785	Normal	Normal	CC1 OU
1372	666	Normal	Normal	CC1 OU
1373	663	Normal	Normal	CC1 OD
1374	538	Normal	Normal	CC2 OS, CC1 OD
1375	850	Normal	CC1 OD	CC1 OU
1376	628	Normal	Normal	CC1 OU
1377	634	Normal	Normal	CC1 OU
1378	702	Normal	Normal	--
1379	573	Normal	Normal	CC1 OU
1380	936	CC1 OU	CC1 OU	CC1 OU
1421	957	Normal	CC1 OU	CC1 OD
1422	528	CC1 OS	CC1 OU	Normal
1423	1042	Normal	Normal	--
1424	648	Normal	Normal	CC1 OU
1425	898	Normal	Normal	Normal
1426	780	Normal	Normal	Normal
1427	703	Normal	CC1 OS	CC1 OD
1428	907	Normal	Normal	CC1 OD
1429	638	Normal	CC1 OU	--
1430	675	Normal	CC1 OS	CC1 OS
1431	849	Normal	CC1 OS	CC1 OU
1432	1007	Normal	Normal	CC1 OU
1433	1008	Normal	CC1 OU	--
1434	701	Normal	Normal	CC1 OU
1435	762	Normal	Normal	Normal
1436	991	Normal	Normal	CC1 OD
1437	926	Normal	--	--
1438	637	Normal	Normal	CC1 OU
1439	771	Normal	Normal	--
1440	668	CC1 OD	CC1 OU	CC1 OU
1441	830	CC1 OS	CC1 OU	--
1442	1015	Normal	Normal	--
1443	619	Normal	Normal	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 Jia

QC: 003 5-12-11

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CN49730G

Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1444	531	Normal	CC1 OU	--
1445	574	Normal	Normal	CC1 OS
1446	935	Normal	Normal	CC1 OS
1447	814	Normal	Normal	CC1 OU
1448	603	Normal	Normal	CC1 & scar in center of lower eyelid OD
1449	1006	Normal	Normal	CC1 OU
1450	968	Normal	Normal	CC1 OU
1451	875	Normal	Normal	CC1 OD
1452	575	Normal	Normal	CC1 OU
1453	846	Normal	Normal	Normal
1454	705	Normal	Normal	CC1 OS
1455	848	Normal	CC1 OU	CC1 OU
1456	813	Normal	CC1 OS	--
1457	625	Normal	CC1 OS	--
1458	731	Normal	Normal	CC1 OU
1459	1027	CC1 OD	CC1 OD	CC1 OU
1460	858	Normal	Normal	--
1461	700	Normal	Normal	--
1462	928	Normal	Normal	CC1 OS
1463	647	Normal	CC1 OS	CC1 OU
1464	757	Normal	Normal	Normal
1465	753	Normal	CC1 OS	Normal
1466	873	CC1 OD	CC1 OD	--
1467	577	CC1 OS	CC1 OU	--
1468	810	Normal	Normal	CC1 OU
1469	942	Normal	Normal	CC1 OU
1470	529	Normal	CC1 OD	CC1 OS
1471	549	Normal	Normal	--
1472	669	Normal	CC1 OD	CC1 OS
1473	990	Normal	Normal	CC1 OU
1474	1004	Normal	Normal	CC1 OS
1475	897	Normal	Normal	CC1 OS
1476	937	Normal	CC1 OS	CC1 OS

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 JLB

QC: BBS 5-12-11

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CN49730G

Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1477	639	Normal	CC1 OU	CC1 OU
1478	887	Normal	Normal	CC1 OD
1479	765	CC1 OD	CC1 OU	CC1 OU
1480	592	Normal	CC1 OU	--
1521	593	Normal	CC1 OU	CC1 OU
1522	905	Normal	CC1 OU	CC1 OS
1523	793	Normal	Normal	CC1 OU
1524	714	Normal	Normal	Normal
1525	635	CC1 OS	CC1 OU	CC1 OU
1526	616	Normal	Normal	CC1 OU
1527	978	Normal	Normal	CC1 OU
1528	604	Normal	Normal	CC1 OU
1529	894	Normal	Normal	CC1 OU
1530	689	Normal	CC1 OU	CC1 OU
1531	754	Normal	Normal	--
1532	974	Normal	Normal	CC1 OU
1533	781	Normal	CC1 OS	CC1 OU
1534	741	Normal	Normal	--
1535	806	Normal	CC1 OD	CC1 OU
1536	621	CC1 OS	CC1 OS	CC1 OU
1537	862	Normal	Normal	CC1 OU
1538	995	CC1 OS	CC1 OU	--
1539	1028	Normal	Normal	--
1540	797	Normal	CC1 OS	CC1 OU
1541	640	Normal	Normal	CC1 OU
1542	594	Normal	CC1 OD	Normal
1543	999	Normal	Normal	CC1 OU
1544	959	Normal	Normal	CC1 OU
1545	967	Normal	CC1 OU	CC1 OU
1546	670	Normal	Normal	CC1 OU
1547	805	Normal	Normal	CC1 OS
1548	906	Normal	Normal	CC1 OD
1549	893	Normal	Normal	CC1 OU
1550	847	CC1 OS	CC1 OU	--

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 640511 JLB

QC: 868 5-12-11

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CN49730G

Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1551	553	Normal	CC1 OS	CC1 OD
1552	576	Normal	Normal	--
1553	882	CC1 OS	CC1 OS	CC1 OS
1554	840	Normal	CC1 OU	CC1 OD
1555	908	CC1 OU	CC1 OU	CC1 OU
1556	782	CC1 OS	CC1 OU	CC1 OU
1557	636	CC1 OD	CC1 OU	CC1 OU
1558	761	Normal	Normal	CC1 OD
1559	836	Normal	Normal	--
1560	569	CC1 OD	CC1 OU	--
1561	985	Normal	CC1 OU	CC1 OU
1562	602	Normal	Normal	CC1 OD
1563	548	Normal	Normal	CC1 OU
1564	956	Normal	CC1 OD	CC1 OU
1565	775	Normal	CC1 OD	--
1566	861	Normal	CC1 OU	CC1 OU
1567	933	Normal	CC1 OD	CC1 OU
1568	927	Normal	CC1 OU	CC1 OU
1569	544	Normal	CC1 OS	CC1 OU
1570	1043	Normal	Normal	CC1 OU
1571	930	Normal	Normal	Normal
1572	546	Normal	CC1 OU	CC1 OU
1573	903	Normal	CC1 OS	CC1 OD
1574	1041	Normal	CC1 OD	--
1575	671	Normal	Normal	--
1576	951	Normal	Normal	CC1 OD
1577	692	Normal	Normal	--
1578	722	Normal	CC1 OU	CC1 OU
1579	747	Normal	CC1 OU	CC1 OU
1580	1023	Normal	Normal	CC1 OD
1621	660	Normal	CC1 OD	CC1 OU
1622	835	Normal	Normal	CC1 OU
1623	864	Normal	CC1 OU	CC1 OU
1624	686	Normal	CC1 OS	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 JJB

QC: BBS 5-12-11

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CN49730G

Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1625	656	Normal	CC1 OU	CC1 OU
1626	694	Normal	Normal	--
1627	726	Normal	Normal	CC1 OU
1628	715	Normal	Normal	--
1629	655	Normal	Normal	CC1 OU
1630	724	Normal	CC1 OU	CC1 OU
1631	699	Normal	Normal	CC1 OU
1632	683	Normal	Normal	CC1 OU
1633	589	Normal	CC1 OD	--
1634	923	Normal	Normal	--
1635	615	Normal	CC1 OD	--
1636	945	Normal	Normal	CC1 OU
1637	570	Normal	CC1 OS	CC1 OU
1638	586	Normal	Normal	CC1 OU
1639	758	Normal	CC1 OS	--
1640	1037	Normal	Normal	CC1 OU
1641	800	CC1 OU	CC1 OU	CC1 OU
1642	901	Normal	Normal	CC1 OU
1643	662	CC1 OD	CC1 OU	CC1 OU
1644	590	Normal	CC1 OS	CC1 OU
1645	859	Normal	Normal	CC1 OU
1646	895	Normal	Normal	CC1 OS
1647	672	Normal	Normal	--
1648	841	Normal	Normal	CC1 OU
1649	626	CC1 OS	CC1 OU	CC1 OD
1650	690	Normal	CC1 OS	CC1 OD
1651	588	Normal	Normal	CC1 OU
1652	682	CC1 OD	CC1 OU	CC1 OU
1653	541	Normal	CC1 OD	CC1 OU
1654	653	Normal	Normal	CC1 OU
1655	962	Normal	Normal	CC1 OU
1656	972	Normal	Normal	--
1657	940	Normal	Normal	CC1 OU
1658	994	Normal	CC1 OD	--

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: D40511 JUBQC: BFB 5-12-11

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CN49730G

Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1659	633	CC1 OD	CC1 OU	CC1 OU
1660	1017	Normal	CC1 OD	--
1661	676	Normal	Normal	CC1 OU
1662	860	Normal	Normal	CC1 OU
1663	912	Normal	Normal	CC1 OS,CC2 OD
1664	691	Normal	Normal	CC1 OD
1665	863	Normal	Normal	CC1 OD
1666	786	CC1 OD	CC1 OU	CC1 OU
1667	706	Normal	Normal	CC1 OU
1668	697	Normal	Normal	CC1 OS
1669	922	Normal	Normal	C OS,CC1 OD
1670	883	CC1 OS	CC1 OS	Normal
1671	909	Normal	Normal	CC1 OU
1672	654	Normal	Normal	--
1673	657	CC1 OU	CC1 OU	CC1 OU
1674	696	Normal	Normal	CC1 OU
1675	831	Normal	Normal	--
1676	879	Normal	Normal	CC1 OU
1677	794	Normal	CC1 OD	CC1 OS
1678	1038	Normal	Normal	CC1 OU
1679	736	Normal	Normal	CC1 OU
1680	1022	CC1 OS	CC1 OS	CC1 OU
1721	769	Normal	CC1 OD	CC1 OU
1722	643	Normal	CC1 OU	CC2 OS,CC1 OD
1723	536	Normal	Normal	CC1 OU
1724	819	Normal	Normal	CC1 OS
1725	832	Normal	CC1 OD	--
1726	801	Normal	Normal	CC1 OD
1727	591	Normal	Normal	CC1 OU
1728	688	Normal	CC1 OU	--
1729	760	Normal	CC1 OS	--
1730	877	Normal	CC1 OD	CC1 OU
1731	950	Normal	Normal	--
1732	746	Normal	Normal	Normal

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

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Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1733	545	Normal	Normal	CC1 OU
1734	1029	Normal	Normal	Normal
1735	730	Normal	Normal	CC1 OU
1736	568	Normal	Normal	Normal
1737	1047	Normal	CC1 OD	--
1738	822	Normal	CC1 OS	CC1 OS
1739	788	Normal	CC1 OU	CC1 OU
1740	970	Normal	CC1 OS	CC1 OU
1741	987	Normal	CC1 OU	CC1 OU
1742	1039	Normal	CC1 OD	--
1743	607	Normal	CC1 OS	CC1 OU
1744	698	Normal	Normal	CC1 OU
1745	774	Normal	Normal	CC1 OU
1746	946	Normal	CC1 OS	CC1 OS
1747	597	Normal	CC1 OD	CC1 OU
1748	874	Normal	CC1 OU	CC1 OU
1749	844	Normal	Normal	CC1 OU
1750	704	Normal	Normal	CC1 OU
1751	851	Normal	Normal	CC1 OU
1752	976	Normal	Normal	CC1 OS
1753	1035	Normal	Normal	CC1 OU
1754	820	Normal	Normal	CC1 OD
1755	537	Normal	Normal	CC1 OD
1756	623	Normal	Normal	--
1757	601	Normal	Normal	CC1 OD
1758	632	Normal	CC1 OD	CC1 OU
1759	719	Normal	Normal	--
1760	939	Normal	Normal	CC1 OS
1761	1025	Normal	Normal	CC1 OS
1762	823	Normal	Normal	CC1 OU
1763	543	Normal	Normal	Normal
1764	595	Normal	Normal	Normal
1765	880	Normal	Normal	CC1 OS
1766	750	Normal	Normal	CC1 OS

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

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CN49730G

Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1767	540	Normal	Normal	CC1 OU
1768	645	Normal	Normal	CC1 OU
1769	667	Normal	CC1 OD	--
1770	766	Normal	CC1 OD	CC1 OU
1771	767	Normal	Normal	CC1 OU
1772	557	Normal	Normal	--
1773	953	Normal	Normal	CC1 OS
1774	547	Normal	Normal	CC1 OD
1775	744	Normal	Normal	CC1 OU
1776	533	Normal	CC1 OS	CC1 OU
1777	650	CC1 OS	CC1 OS	CC1 OU
1778	869	Normal	CC1 OD	--
1779	866	Normal	CC1 OD	--
1780	980	Normal	Normal	CC1 OS
1821	551	Normal	Normal	CC1 OU
1822	556	Normal	Normal	CC1 OU
1823	981	Normal	CC1 OS	CC1 OU
1824	852	Normal	Normal	Normal
1825	1033	Normal	Normal	CC1 OU
1826	555	Normal	Normal	corneal opacity vascularization unable to see deeper structures OD
1827	596	Normal	Normal	CC1 OU
1828	613	Normal	CC1 OD	CC1 OD
1829	784	Normal	Normal	CC1 OU
1830	1046	Normal	CC1 OS	--
1831	834	Normal	Normal	Normal
1832	772	Normal	CC1 OD	CC1 OU
1833	854	Normal	Normal	CC1 OU
1834	964	Normal	CC1 OS	CC1 OU
1835	842	Normal	Normal	CC1 OD
1836	888	Normal	Normal	CC1 OU
1837	587	Normal	Normal	CC1 OU
1838	630	Normal	Normal	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

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CN49730G

Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1839	1010	Normal	CC1 OS	CC1 OU
1840	560	Normal	CC1 OS	--
1841	958	Normal	CC1 OS	CC1 OU
1842	664	Normal	Normal	CC1 OU
1843	809	Normal	CC1 OU	CC1 OU
1844	721	Normal	Normal	CC1 OU
1845	802	Normal	CC1 OD	CC1 OU
1846	857	Normal	Normal	CC1 OU
1847	918	Normal	CC1 OS	CC1 OD
1848	1030	Normal	Normal	CC1 OU
1849	764	Normal	Normal	CC1 OU
1850	865	Normal	CC1 OS	CC1 OU
1851	755	Normal	Normal	CC1 OU
1852	763	Normal	Normal	--
1853	853	Normal	Normal	CC1 OU
1854	617	Normal	CC1 OU	CC1 OU
1855	949	Normal	CC1 OS	CC1 OU
1856	612	Normal	Normal	CC1 OS
1857	816	Normal	Normal	CC1 OS
1858	867	Normal	Normal	--
1859	885	Normal	Normal	CC1 OU
1860	563	Normal	Normal	--
1861	629	Normal	Normal	Normal
1862	886	CC1 OD	CC1 OD	--
1863	1018	Normal	Normal	CC1 OU
1864	649	Normal	Normal	CC1 OU
1865	965	Normal	Normal	CC1 OS
1866	904	Normal	Normal	CC1 OU
1867	677	Normal	Normal	CC1 OU
1868	1016	Normal	CC1 OD	CC1 OU
1869	984	CC1 OS	CC1 OU	CC1 OU
1870	728	Normal	Normal	--
1871	1036	Normal	Normal	CC1 OU
1872	581	Normal	Normal	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

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QC: AB 5-12-11

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CN49730G

Ophthalmic Exam Results - Females

Study ID	Pretest ID	Day -9, & -8 Pretest Findings 2/23/09 - 2/24/09	Weeks 54 Findings 3/12/10 - 3/15/10	Weeks 103 Findings 2/21/11 - 2/22/11
1873	855	Normal	CC1 OU	--
1874	872	Normal	CC1 OS	--
1875	804	Normal	CC1 OS	CC1 OS
1876	609	Normal	CC1 OU	CC1 OU
1877	838	Normal	Normal	CC1 OU
1878	611	CC1 OD	CC1 OU	--
1879	1000	Normal	CC1 OS	CC1 OU
1880	644	Normal	CC1 OS	CC1 OU

OS = Left eye; OU = Both eyes; OD = Right eye.

CC1 = Corneal Crystals, structures are easily visualized through the CC

CC2 = Corneal Crystals, Structures can be visualized through the CC, with impairment

C = Cataract

-- = Not Examined

TR: 040511 JLBQC: BAB 5-12-11

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APPENDIX J: PATHOLOGY INDIVIDUAL ANIMAL DATA

Table J-1. Individual Gross and Microscopic Observations – Males

Animal ID: 121	Group: CM	
Day of Death: 729	Terminal Body Weight: 660.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Kidney	No gross observed on tissue.	Hydronephrosis, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Crust(s), pedal (foot), red, left, G1/ G1 size = 15x8mm.	Ulcer, epidermis, marked. Inflammation, mild.
	Crust(s), pedal (foot), red, right, G2/ G2 size = 5x5mm.	Note: G1 = inflammation, G2 = epidermal ulceration.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 122	Group: CM	
Day of Death: 729	Terminal Body Weight: 470.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Lipidosis, multifocal, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Skin	Crust(s), inguinal, red, G1/ G1 size = 9x7mm. Crust(s), pedal (foot), red, right, G2/ G2 size = 2x2mm.	Ulcer, epidermis, marked. Inflammation, marked. Note: G1 = epidermal ulcer and inflammation. G2 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 123	Group: CM	
Day of Death: 212	Terminal Body Weight: 354.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Preputial Gland	No gross observed on tissue.	Inflammation, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 124	Group: CM	
Day of Death: 729	Terminal Body Weight: 565.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	Enlarged, red, G3/ G3 size = 3x.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pars distalis (pd).
Skin	Crust(s), pedal (foot), red, left, G1/ G1 size = 5x5mm. Crust(s), pedal (foot), red, right, G2/ G2 size = 5x5mm.	Inflammation, moderate. Note: G1, G2 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 125	Group: CM	
Day of Death: 729	Terminal Body Weight: 610.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 126	Group: CM	
Day of Death: 729	Terminal Body Weight: 556.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Skin	Crust(s), pedal (foot), red, G1/ G1 size = 3x3mm.	Inflammation, mild. Note: G1 = inflammation.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild. B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 127	Group: CM	
Day of Death: 729	Terminal Body Weight: 530.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal. Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 128	Group: CM	
Day of Death: 729	Terminal Body Weight: 583.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Skin	Crust(s), pedal (foot), red, left, G1/ G1 size = 7x5mm.	Inflammation, mild. Note: G1 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 129	Group: CM	
Day of Death: 731	Terminal Body Weight: 541.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.
Zymbal's Gland	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 130	Group: CM	
Day of Death: 731	Terminal Body Weight: 675.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, left, G1/ G1 size = 7x7x7mm.	B-pheochromocytoma, mortality independent. Note: G1 = pheochromocytoma.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal. Hyperplasia, alveolar epithelium, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Zymbal's Gland	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 131	Group: CM	
Day of Death: 731	Terminal Body Weight: 459.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild. Vacuolization, cytoplasm, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	Cyst(s), caudate lobe, clear, G1/ G1 size = 6x5x4mm.	Focus, clear cell, present. Hyperplasia, bile duct, minimal. Cyst(s), bile ducts, moderate. Note: G1 = biliary ductal cysts.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild. B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 132	Group: CM	
Day of Death: 731	Terminal Body Weight: 280.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Necrosis, papillary, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 size = 10x10x8mm.	M-carcinoma, pars distalis, mortality independent. Note: G1 = carcinoma, pars distalis.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Stomach	No gross observed on tissue.	Ulcer, non-glandular, mild. Inflammation, non-glandular, mild.
Testis	Small, bilateral, G2/ G2 size = 0.5x.	Atrophy, bilateral, moderate. Note: G2 = atrophy.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 133	Group: CM	
Day of Death: 731	Terminal Body Weight: 545.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	Cyst(s), left, clear, G5/ G5 size = 7x7x7mm.	Inflammation, minimal. Cyst(s), tubular, mild. Note: G5 = cyst.
Lymph Node, Other	Enlarged, lumbar, G4/ G4 size = 4x.	Hyperplasia, plasma cell, moderate. Cystic degeneration, mild. Note: G4 = plasma cell hyperplasia.
Pharynx	No gross observed on tissue.	Hyperplasia, mucosal epithelium, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Crust(s), pedal (foot), dark, right, G1/ G1 size = 24x17mm. Crust(s), pedal (foot), dark, left, G2/ G2 size = 7x6mm.	Ulcer, epidermis, marked. Inflammation, mild. Note: G1 = epidermal ulceration, G2 = inflammation.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.
Testis	Enlarged, bilateral, G3/ G3 size = 2x, both testes are filled with clear fluid.	Atrophy, bilateral, moderate. Note: G3 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 134	Group: CM	
Day of Death: 578	Terminal Body Weight: 221.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	Enlarged, dark, G1/ 10x7x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 135	Group: CM	
Day of Death: 735	Terminal Body Weight: 554.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Necrosis, papillary, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Thyroid Gland	Enlarged, left, G1/ G1.	B-adenoma, follicular cell, mortality independent. Note: G1 = adenoma (cystic), follicular.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 136	Group: CM	
Day of Death: 735	Terminal Body Weight: 649.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Inflammation, minimal.
Parathyroid	No gross observed on tissue.	B-adenoma, mortality independent.
Pituitary Gland	Enlarged, dark, G3/ 7x6x3 mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pars distalis.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Skin	Crust(s), hindlimb, left, brown, G1/ 8x7x3 mm, foot pad. Crust(s), hindlimb, right, tan, G2/ 5x5x2 mm.	Ulcer, epidermis, marked. Inflammation, mild. Note: G1 = epidermal ulceration, G2 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 137	Group: CM	
Day of Death: 735	Terminal Body Weight: 499.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 = 7mm x 6mm x 6mm.	Hyperplasia, pars distalis, marked. Note: G1 = hyperplasia, pd.
Prostate	No gross observed on tissue.	Inflammation, mild.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 138	Group: CM	
Day of Death: 735	Terminal Body Weight: 559.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal. Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	Nodule, two, G3/ G3 = 2 mm x 1 mm x 1 mm.	Hyperplasia, pars distalis, marked. Note: G3 = hyperplasia, pars distalis.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Skin	Crust(s), hindlimb, dark, right, G1/ G1 = 4mm x 4mm. Crust(s), hindlimb, dark, left, G2/ G2 = 10mm x 10mm.	Ulcer, epidermis, marked. Inflammation, mild. Note: G1 = epidermal ulceration. G2 = inflammation.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, moderate. B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 139	Group: CM	
Day of Death: 735	Terminal Body Weight: 598.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Prostate	No gross observed on tissue.	Inflammation, mild.
Skin	Crust(s), hindlimb, dark, left, G1/ G1 = 13 mm x 11 mm x 4 mm.	Ulcer, epidermis, marked. Inflammation, mild.
	Crust(s), hindlimb, dark, right, G2/ G2 = 12 mm x 9 mm x 4 mm.	Note: G1 = epidermal ulceration, G2 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 140	Group: CM	
Day of Death: 467	Terminal Body Weight: 309.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Cecum	No gross observed on tissue.	Inflammation, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	Enlarged, red, G1/ 8x8x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, mild.
Stomach	Focus, forestomach, multiple, tan, G2/ up to 2x2 mm.	Ulcer, non-glandular, moderate. Note: G2 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 141	Group: CM	
Day of Death: 735	Terminal Body Weight: 641.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Skin	Crust(s), hindlimb, dark, left, G1/ G1 = 12 mm x 12 mm. Crust(s), hindlimb, dark, right, G2/ G2 = 3 mm x 3 mm.	Ulcer, epidermis, marked. Inflammation, mild. Note: G1 = epidermal ulceration, G2 = inflammation.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Thymus	No gross observed on tissue.	M-thymoma, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 142	Group: CM	
Day of Death: 735	Terminal Body Weight: 545.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Bone	Mass, cranium, pale, left, G1/ G1 = 9 mm x 7 mm x 6mm. Inner surface of left calvarium. Brain is depressed in this area.	B-osteoma, mortality independent. Note: G1 = osteoma.
Brain	No gross observed on tissue.	B-granular cell tumor, mortality independent.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Pancreas	No gross observed on tissue.	B-islet cell tumor, mortality independent.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal. B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 143	Group: CM	
Day of Death: 735	Terminal Body Weight: 544.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Inflammation, minimal. Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 144	Group: CM	
Day of Death: 735	Terminal Body Weight: 517.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	Cyst(s), right, clear, G2/ 4x4x4 mm.	Cyst(s), tubular, mild. Note: G2 = cyst.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Nose/Turbinates	No gross observed on tissue.	Inflammation, marked.
Parathyroid	No gross observed on tissue.	Hyperplasia, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 = 8 mm x 7 mm x 6 mm.	M-carcinoma, pars distalis, mortality independent. Note: G1 = carcinoma, pars distalis.
Prostate	No gross observed on tissue.	Inflammation, moderate.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present. Lymphoid hyperplasia, submucosa, moderate.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.
Tooth	Mass, molar, white, G3/ left upper molar mass, 8x8x6 mm.	Inflammation, marked. Note: G3 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 145	Group: CM	
Day of Death: 737	Terminal Body Weight: 672.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, diffuse, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Skin	Crust(s), hindlimb, brown, G1/ left and right foot pad = both 7x7 mm. Crust(s), thoracic, right, dark, G2/ 10x10 mm.	Ulcer, epidermis, marked. M-carcinoma, basal cell, mortality independent. Note: G1 = epidermal ulceration. G2 = basal cell carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 146	Group: CM	
Day of Death: 737	Terminal Body Weight: 576.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Colon	No gross observed on tissue.	Metazoan parasite, lumen, present.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	Dilatation, bile duct, G1/ 15x3x3 mm.	Hyperplasia, bile duct, minimal. Lipidosis, multifocal, minimal. Dilatation, bile duct, present. Lipidosis, diffuse, minimal. Note: G1 = bile duct dilatation.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars intermedia, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 147	Group: CM	
Day of Death: 737	Terminal Body Weight: 519.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Skin	Crust(s), hindlimb, bilateral, dark, G1/ G1 = up to 14 x 14 mm.	Ulcer, epidermis, marked. Note: G1 = epidermal ulceration.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Thyroid Gland	Enlarged, right, dark, G2/ G2 = 9 x 7 x 7 mm.	B-adenoma, follicular cell, mortality independent. Note: G2 = follicular cell adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 148	Group: CM	
Day of Death: 653	Terminal Body Weight: 299.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	Cyst(s), left, clear, G2/ 2x2x2 mm.	Cyst(s), tubular, mild. Note: G2 = cyst.
Pituitary Gland	Enlarged, mottled, G1/ 11x10x10 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.
Testis	No gross observed on tissue.	Atrophy, unilateral, moderate.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 149	Group: CM	
Day of Death: 737	Terminal Body Weight: 673.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal. Cyst(s), bile ducts, minimal.
Pancreas	No gross observed on tissue.	Lipomatosis, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 150	Group: CM	
Day of Death: 737	Terminal Body Weight: 507.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal. B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 151	Group: CM	
Day of Death: 737	Terminal Body Weight: 641.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present. Lipidosis, multifocal, minimal. Inflammation, artery, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Stomach	No gross observed on tissue.	Inflammation, non-glandular, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 152	Group: CM	
Day of Death: 737	Terminal Body Weight: 515.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Testis	Small, right, G1/ G1 = 0.5x.	Atrophy, unilateral, moderate. Note: G1 = atrophy.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 153	Group: CM	
Day of Death: 739	Terminal Body Weight: 388.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, left, dark, G1/ 4x.	Hyperplasia, cortex, minimal. B-pheochromocytoma, mortality independent. Note: G1 = pheochromocytoma.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars intermedia, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 154	Group: CM	
Day of Death: 739	Terminal Body Weight: 546.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pancreas	No gross observed on tissue.	Lipomatosis, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 155	Group: CM	
Day of Death: 739	Terminal Body Weight: 505.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pancreas	No gross observed on tissue.	Lipomatosis, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 156	Group: CM	
Day of Death: 739	Terminal Body Weight: 601.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Pancreas	No gross observed on tissue.	Lipomatosis, minimal.
Testis	No gross observed on tissue.	B-adenoma, interstitial cell, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 157	Group: CM	
Day of Death: 739	Terminal Body Weight: 476.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Cecum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Cyst(s), tubular, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	Nodule, dark, G1/ 2x2x2 mm.	Hyperplasia, pars distalis, moderate. Note: G1 = hyperplasia, pars distalis.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Stomach	No gross observed on tissue.	Inflammation, non-glandular, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 158	Group: CM	
Day of Death: 739	Terminal Body Weight: 475.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 159	Group: CM	
Day of Death: 739	Terminal Body Weight: 534.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pancreas	No gross observed on tissue.	Basophilic focus, acinar cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 160	Group: CM	
Day of Death: 739	Terminal Body Weight: 577.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Pituitary Gland	Nodule, dark, G1/ 4x4x2 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pars distalis.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 161	Group: CM	
Day of Death: 532	Terminal Body Weight: 328.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G2/ 11x10x9 mm.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pars distalis.
Skin	Crust(s), hindlimb, left, red, G1/ 10x8x4 mm.	Inflammation, moderate. Hyperplasia, epidermis, moderate. Note: G1 = inflammation and epidermal hyperplasia.
Testis	No gross observed on tissue.	Atrophy, bilateral, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 162	Group: CM	
Day of Death: 301	Terminal Body Weight: 375.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Brain	Enlarged, cerebrum, left, G1/ twice as large as expected.	M-astrocytoma, definitely fatal. Note: G1 = astrocytoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 163	Group: CM	
Day of Death: 743	Terminal Body Weight: 636.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Bone	Nodule, cranium, pale, G1/ G1 = 5 x 5 x 5 mm; in rostral and ventral calvarium beneath olfactory/frontal cortex of brain.	B-granular cell tumor, mortality independent. Note: G1 = granular cell tumor (of the calvarium).
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 164	Group: CM	
Day of Death: 524	Terminal Body Weight: 368.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	Enlarged, red, G1/ 10x8x7 mm.	Hyperplasia, pars distalis, marked. Note: G1 = hyperplasia, pd.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Prostate	No gross observed on tissue.	Inflammation, mild.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 165	Group: CM	
Day of Death: 743	Terminal Body Weight: 581.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pancreas	No gross observed on tissue.	Hyperplasia, acinar cell, moderate.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Testis	No gross observed on tissue.	Atrophy, unilateral, moderate.
Tongue	No gross observed on tissue.	Hyperplasia, mucosal epithelium, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 166	Group: CM	
Day of Death: 743	Terminal Body Weight: 589.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, moderate. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lymph Node, Mandibular	Enlarged, left, pale, G2/ G2 = 2x.	Miscellaneous tissue not examined. Note: G2 coded as skin (not lymph node).
Pituitary Gland	Enlarged, dark, G3/ G3 = 9 x 5 x 4 mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pars distalis.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Skin	Crust(s), hindlimb, dark, G1/ G1 = up to 10 x 8 mm.	Ulcer, epidermis, moderate. B-lipoma, mortality independent. Note: G1 = epidermal ulceration, G2 = lipoma.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 167	Group: CM	
Day of Death: 623	Terminal Body Weight: 330.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Brain	Mass, cerebrum, left, G3/ 15x10x10 mm.	M-astrocytoma, definitely fatal. Note: G3 = astrocytoma.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, definitely incidental.
Skin	Crust(s), hindlimb, left, red, G1/ 6x4 mm. Crust(s), hindlimb, right, red, G2/ 4x3 mm.	Cyst, epithelial inclusion, moderate. Inflammation, moderate. Hyperplasia, epidermis, moderate. Note: G1 = epithelial inclusion cyst. G2 = inflammation and epidermal hyperplasia.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 168	Group: CM	
Day of Death: 743	Terminal Body Weight: 494.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Inflammation, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Prostate	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 169	Group: CM	
Day of Death: 745	Terminal Body Weight: 538.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild. Vacuolization, cytoplasm, cortex, mild.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Pharynx	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Prostate	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 170	Group: CM	
Day of Death: 745	Terminal Body Weight: 643.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Skin	Nodule, hindlimb, right, dark, 5 mm diameter, G1. Nodule, hindlimb, left, dark, 5 mm diameter, G2.	Ulcer, epidermis, marked. Hyperplasia, epidermis, mild. Note: G1 = epidermal ulceration, G2 = epidermal hyperplasia.
Stomach	No gross observed on tissue.	Hyperplasia, mucosa, non-glandular, mild.
Testis	No gross observed on tissue.	Atrophy, bilateral, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal. B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 171	Group: CM	
Day of Death: 745	Terminal Body Weight: 588.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lung	No gross observed on tissue.	B-adenoma, bronchiolar-alveolar, mortality independent.
Skin	Abrasion, hindlimb, bilateral, dark, G1.	Ulcer, epidermis, moderate. Note: G1 = epidermal ulceration.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Testis	No gross observed on tissue.	Atrophy, unilateral, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 172	Group: CM	
Day of Death: 745	Terminal Body Weight: 551.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Pharynx	No gross observed on tissue.	Inflammation, mild.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 173	Group: CM	
Day of Death: 745	Terminal Body Weight: 543.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild. B-pheochromocytoma, mortality independent.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Skin	Abrasion, hindlimb, bilateral, dark, G1.	Inflammation, moderate. Note: G1 = inflammation.
Thyroid Gland	Cyst(s), left, clear, G2/ 2x1x1 mm.	Tissue is unremarkable. Note: G2 = cyst.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 174	Group: CM	
Day of Death: 745	Terminal Body Weight: 639.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Lipidosis, focal, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Skin	Nodule, caudal (tail), 5 x 4 x 2 mm, tan, ulcerated, G1.	Inflammation, mild. Hyperplasia, epidermis, mild. Note: G1 = inflammation and hyperplasia.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 177	Group: CM	
Day of Death: 745	Terminal Body Weight: 566.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	M-carcinoma, pars distalis, mortality independent.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 178	Group: CM	
Day of Death: 732	Terminal Body Weight: 643.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pancreas	No gross observed on tissue.	Lipomatosis, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Nodule, 5 x 4 x 3 mm, mottled, G3.	B-adenoma, pars distalis, definitely fatal. Note: G3 = adenoma, pars distalis.
Prostate	No gross observed on tissue.	Inflammation, moderate.
Skin	Mass, hindlimb, right, red, 11 x 11 x 6 mm, G2/ G2 is ulcerated. Mass, hindlimb, dark, left, G1/ 18x18x8 mm.	Ulcer, epidermis, marked. Note: G1, G2 = epidermal ulceration.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 179	Group: CM	
Day of Death: 746	Terminal Body Weight: 598.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Prostate	No gross observed on tissue.	Inflammation, mild.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 180	Group: CM	
Day of Death: 746	Terminal Body Weight: 659.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Lipidosis, diffuse, minimal.
Pituitary Gland	Nodule, dark, G3/ 2x2x2 mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Skin	Nodule, dorsal, left, mottled, G1/ G1 = 3 x 2 x 2 mm.	B-adenoma, basal cell, mortality independent. Note: G1 = basal cell adenoma.
Thyroid Gland	Enlarged, right, G2/ G2 = 3x.	B-adenoma, c-cell, mortality independent. Note: G2 = c-cell adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 201	Group: CBM	
Day of Death: 729	Terminal Body Weight: 530.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, mild. Hydronephrosis, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars intermedia, mild.
Thyroid Gland	Enlarged, right, G1/ G1 size = 3x.	B-adenoma, follicular cell, mortality independent. Note: G1 = adenoma, follicular cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 202	Group: CBM	
Day of Death: 564	Terminal Body Weight: 577.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Skin	Mass, hindlimb, tan, right, G1/ 18x18x15 mm, G1 = ulcerated.	Ulcer, epidermis, moderate. Note: G1 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 203	Group: CBM	
Day of Death: 729	Terminal Body Weight: 508.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Hyperplasia, alveolar epithelium, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 204	Group: CBM	
Day of Death: 593	Terminal Body Weight: 291.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G4/ 10x8x8 mm.	B-adenoma, pars distalis, definitely fatal. Note: G4 = adenoma, pd.
Prostate	Small, G2/ 0.5x.	Atrophy, moderate. Note: G2 = atrophy.
Seminal Vesicle	Small, bilateral, G3/ 0.5x.	Atrophy, moderate. Note: G3 = atrophy.
Testis	Small, bilateral, G1/ 0.5x.	Atrophy, bilateral, moderate. Note: G1 = atrophy.
Thyroid Gland	Enlarged, right, G5/ 5x.	B-adenoma, c-cell, definitely incidental. Note: G5 = c-cell adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 205	Group: CBM	
Day of Death: 675	Terminal Body Weight: 357.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Esophagus	No gross observed on tissue.	Tissue is missing.
Heart	No gross observed on tissue.	Tissue is missing.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, mild.
Lung	No gross observed on tissue.	Tissue is missing.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pharynx	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G1/ mottled, 10x8x6 mm.	Tissue is missing.
Prostate	No gross observed on tissue.	Inflammation, mild.
Salivary Gland	No gross observed on tissue.	Tissue is missing.
Skin	Crust(s), hindlimb, right, G2/ 6x6x4 mm.	Ulcer, epidermis, moderate. Note: G2 = ulcer.
Sternum	No gross observed on tissue.	Tissue is missing.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Tissue is missing.
Tongue	No gross observed on tissue.	Tissue is missing.
Trachea	No gross observed on tissue.	Tissue is missing.
Zymbal's Gland	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Preputial Gland; Rectum; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Stomach; Testis; Urinary Bladder

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 206	Group: CBM	
Day of Death: 729	Terminal Body Weight: 493.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Skin	Crust(s), pedal (foot), red, left, G1/ G1 size = 5x5mm.	Ulcer, epidermis, moderate. Inflammation, mild.
	Crust(s), pedal (foot), red, right, G2/ G2 size = 3x3mm.	Note: G1, G2 ulcer and inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 207	Group: CBM	
Day of Death: 513	Terminal Body Weight: 365.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	Enlarged, dark, G1/ 10x8x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 208	Group: CBM	
Day of Death: 729	Terminal Body Weight: 677.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, mixed cell, present. Lipidosis, multifocal, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	Enlarged, left, mottled, G1/ G1 size = 11x11x10mm.	B-adenoma, follicular cell, mortality independent. Note: G1 = adenoma, follicular cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 209	Group: CBM	
Day of Death: 731	Terminal Body Weight: 585.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present. Focus, basophilic cell, present.
Mammary Gland	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	No gross observed on tissue.	Tissue is missing.
Testis	Discoloration(s), left, mottled, G1.	B-adenoma, interstitial cell, mortality independent. Note: G1 = interstitial cell adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 210	Group: CBM	
Day of Death: 731	Terminal Body Weight: 573.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Nose/Turbinates	No gross observed on tissue.	Squamous metaplasia (respiratory epithelium), minimal.
Skin	Crust(s), pedal (foot), red, bilateral, G1/ G1 size = 11x11mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 211	Group: CBM	
Day of Death: 731	Terminal Body Weight: 600.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Inflammation, mild. Hyperplasia, transitional epithelium, mild.
Liver	Focus, left, dark, G4/ two, up to 3x3 mm.	Focus, basophilic cell, present. Telangiectasis, mild. Note: G4 = telangiectasis.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Skin	Crust(s), pedal (foot), red, left, G1/ G1 size = 10x8mm. Crust(s), pedal (foot), red, right, G2/ G2 size = 5x5mm. Crust(s), dorsal, multiple, red, granular, G3/ G3 size = 10x5mm.	Ulcer, epidermis, marked. Inflammation, mild. Note: G1, G2 = ulcer. G3 = inflammation.
Sternum	No gross observed on tissue.	Fibrosis, moderate.
Testis	No gross observed on tissue.	Atrophy, bilateral, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 212	Group: CBM	
Day of Death: 731	Terminal Body Weight: 612.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Stomach	No gross observed on tissue.	Inflammation, glandular, minimal.
Testis	No gross observed on tissue.	Edema, interstitium, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 213	Group: CBM	
Day of Death: 731	Terminal Body Weight: 548.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Telangiectasis, mild.
Mammary Gland	Mass, abdominal, tan, right, G2/ G2 size = 20x15x15mm.	B-adenoma, mortality independent. Note: G2 = adenoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Skin	Crust(s), pedal (foot), dark, right, G1/ G1 size = 12x10mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Spleen	No gross observed on tissue.	B-hemangioma, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 214	Group: CBM	
Day of Death: 731	Terminal Body Weight: 648.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Duodenum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal. Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, minimal.
Pharynx	No gross observed on tissue.	Tissue is missing.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Testis	Enlarged, right, G1/ G1 size = 25x15x10mm, G1 contains clear fluid.	Edema, interstitium, mild. Note: G1 = edema.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pituitary Gland; Preputial Gland; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 215	Group: CBM	
Day of Death: 735	Terminal Body Weight: 545.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 216	Group: CBM	
Day of Death: 735	Terminal Body Weight: 419.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Pituitary Gland	Enlarged, dark, G2/ 9x6x5 mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Prostate	No gross observed on tissue.	Inflammation, mild.
Skin	Crust(s), hindlimb, brown, G1/ 4x4 mm, right foot.	Ulcer, epidermis, marked. Note: G1 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 217	Group: CBM	
Day of Death: 735	Terminal Body Weight: 647.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Duodenum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Telangiectasis, mild.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Skin	Crust(s), hindlimb, dark, left, G1/ G1 = 10x10 mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Testis	Enlarged, right, clear, G2/ G2 = cystic; 2x.	Atrophy, bilateral, mild. Edema, interstitium, moderate. Note: G2 = edema.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 218	Group: CBM	
Day of Death: 735	Terminal Body Weight: 503.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Testis	No gross observed on tissue.	Edema, interstitium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 219	Group: CBM	
Day of Death: 735	Terminal Body Weight: 499.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate. Vacuolization, cytoplasm, cortex, minimal. B-pheochromocytoma, mortality independent.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	No gross observed on tissue.	Dilatation, bile duct, present.
Pancreas	No gross observed on tissue.	Hyperplasia, islet cell, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 220	Group: CBM	
Day of Death: 735	Terminal Body Weight: 441.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Brain	Nodule, cerebrum, multiple, pale, right, G1/ G1 = up to 3x3x2 mm.	M-astrocytoma, mortality independent. Note: G1 = astrocytoma.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal. Thrombosis, minimal.
Lung	No gross observed on tissue.	Hyperplasia, alveolar epithelium, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, minimal.
Pituitary Gland	Enlarged, pale, G2/ G2 = 2x.	Hyperplasia, pars distalis, mild. Note: G2 = hyperplasia, pars distalis.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 221	Group: CBM	
Day of Death: 611	Terminal Body Weight: 434.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Bone	No gross observed on tissue.	M-osteosarcoma, definitely fatal. Note: G1 = osteosarcoma.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Lung	No gross observed on tissue.	M-osteosarcoma, metastatic (bone), definitely incidental.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Spinal Cord	Mass, lumbar, mottled, G1/ 40x35x30 mm G1=mass was located on lumbar spine at base of tail.	Tissue is unremarkable. Note: G1 = code as bone.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Testis	No gross observed on tissue.	Edema, interstitium, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 222	Group: CBM	
Day of Death: 735	Terminal Body Weight: 598.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	B-pheochromocytoma, mortality independent.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Hyperplasia, alveolar epithelium, minimal.
Nose/Turbinates	No gross observed on tissue.	Inflammation, mild.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Skin	Crust(s), hindlimb, dark, left, G2/ G2 = 15x12x10 mm.	Ulcer, epidermis, moderate. Note: G2 = ulcer.
Spleen	Mass, dark, G1/ G1 = 12x10x10 mm.	M-hemangiosarcoma, mortality independent. Note: G1 = hemangiosarcoma.
Testis	No gross observed on tissue.	Edema, interstitium, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 223	Group: CBM	
Day of Death: 735	Terminal Body Weight: 667.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	Mass, abdominal, pale, left, G1/ G1 = 120x80x75 mm. Ulcerated.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal. B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 224	Group: CBM	
Day of Death: 735	Terminal Body Weight: 575.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Skin	Crust(s), hindlimb, dark, right, G1/ G1 = 12x8x4 mm.	Ulcer, epidermis, marked. Inflammation, mild.
	Crust(s), hindlimb, dark, left, G2/ G2 = 10x8x5 mm.	Note: G1, G2 = ulcer and inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 225	Group: CBM	
Day of Death: 737	Terminal Body Weight: 614.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal. Hyperplasia, c-cell, minimal. B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 226	Group: CBM	
Day of Death: 737	Terminal Body Weight: 563.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Skeletal Muscle	Mass, inguinal, pale, left, G2/ G2 = 25x20x15 mm.	M-rhabdomyosarcoma, mortality independent. Note: G2, G3 = rhabdomyosarcoma.
Skin	Crust(s), hindlimb, dark, left, G1/ G1 = 10x10 mm. Mass, inguinal, mottled, left, G3/ G3 = 20x20x15 mm.	Tissue is unremarkable. Note: G3 = coded as skeletal muscle.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 227	Group: CBM	
Day of Death: 737	Terminal Body Weight: 451.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	Focus, multiple, pale, G3/ G3 = up to 6x6 mm. All lobes affected.	Alveolar macrophages, increased, mild. Note: G3 = increased alveolar macrophages.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Skin	Crust(s), hindlimb, bilateral, dark, G1/ G1 = up to 10x10 mm. Thick, cervical (neck), right, red, watery, G2/ G2 = ~ 5 mls fluid in subcutis. No section taken.	Ulcer, epidermis, moderate. Note: G1 = ulcer.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 228	Group: CBM	
Day of Death: 688	Terminal Body Weight: 433.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Necrosis, hepatocellular, moderate.
Mesentery	Nodule, fat, yellow, G1/ 15x8x2 mm.	Necrosis, mild. Note: G1 = necrosis.
Nose/Turbinates	No gross observed on tissue.	Inflammation, moderate.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 229	Group: CBM	
Day of Death: 737	Terminal Body Weight: 664.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 = 3x.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Thyroid Gland	Enlarged, right, dark, G2/ 4x.	B-adenoma, follicular cell, mortality independent 2 tumors present. B-adenoma, c-cell, mortality independent. Note: G2 = adenoma, follicular cell (two tumors present).

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 230	Group: CBM	
Day of Death: 737	Terminal Body Weight: 491.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal. Focus, mixed cell, present. Focus, basophilic cell, present.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 231	Group: CBM	
Day of Death: 737	Terminal Body Weight: 547.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Tissue is unremarkable. Note: one thyroid gland = missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 232	Group: CBM	
Day of Death: 737	Terminal Body Weight: 520.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Testis	No gross observed on tissue.	Atrophy, bilateral, mild. Edema, interstitium, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 233	Group: CBM	
Day of Death: 739	Terminal Body Weight: 581.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Testis	No gross observed on tissue.	Atrophy, bilateral, mild. Edema, interstitium, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 234	Group: CBM	
Day of Death: 739	Terminal Body Weight: 771.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Skin	Crust(s), pedal (foot), bilateral, dark, G1/ 7x7 mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Testis	No gross observed on tissue.	Edema, interstitium, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 235	Group: CBM	
Day of Death: 739	Terminal Body Weight: 370.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Harderian Gland	No gross observed on tissue.	Inflammation, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 236	Group: CBM	
Day of Death: 538	Terminal Body Weight: 476.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Inflammation, moderate.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	Enlarged, red, G1/ 10x7x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 adenoma, pd.
Stomach	No gross observed on tissue.	Inflammation, non-glandular, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 237	Group: CBM	
Day of Death: 739	Terminal Body Weight: 416.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, mild.
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Mammary Gland	Mass, inguinal, mottled, G1/ 38x32x24 mm preputial gland may be incorporated.	Tissue is unremarkable. Note: G1 = coded as skin.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Skin	No gross observed on tissue.	M-schwannoma, mortality independent. Note: G1 = malignant schwannoma.
Testis	Enlarged, left, G2/ 2x.	Atrophy, unilateral, moderate. Edema, interstitium, moderate. Note: G2 = edema.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 238	Group: CBM	
Day of Death: 739	Terminal Body Weight: 570.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Hydronephrosis, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Crust(s), pedal (foot), tan, G1/ 15x10 mm, right.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 239	Group: CBM	
Day of Death: 739	Terminal Body Weight: 518.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Hydronephrosis, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Rectum	No gross observed on tissue.	Lymphoid hyperplasia, submucosa, mild.
Skin	Mass, dorsal, dark, G1/ 7x7x4 mm.	B-adenoma, sebaceous gland, mortality independent. Note: G1 = adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 240	Group: CBM	
Day of Death: 691	Terminal Body Weight: 379.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. B-ganglioneuroma, definitely incidental.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, mild.
Pituitary Gland	Enlarged, red, G1/ 10x5x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Skin	Mass, hindlimb, right, tan, G2/ 15x10x5 mm.	Ulcer, epidermis, marked. Note: G2 = ulcer.
Testis	Small, bilateral, G3/ 0.25x.	Atrophy, bilateral, moderate. Note: G3 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 241	Group: CBM	
Day of Death: 662	Terminal Body Weight: 369.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	Enlarged, mottled, G1/ 4x.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Prostate	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 242	Group: CBM	
Day of Death: 577	Terminal Body Weight: 409.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G2/ 9x8x8 mm.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.
Skin	Abrasion, hindlimb, bilateral, G1/ up to 9x7 mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 243	Group: CBM	
Day of Death: 743	Terminal Body Weight: 509.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	No gross observed on tissue.	Focus, eosinophilic, present.
Skin	Crust(s), hindlimb, bilateral, dark, G1/ G1 = up to 7x7 mm.	Ulcer, epidermis, marked. Inflammation, mild. Note: G1 = ulcer and inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 244	Group: CBM	
Day of Death: 743	Terminal Body Weight: 325.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, bilateral, dark, G3/ G3 = 3x.	Vacuolization, cytoplasm, cortex, moderate. Degeneration, cystic, mild. Hemorrhage, moderate. Note: G3 = hemorrhage.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	Focus, right, multiple, tan, G4/ G4 = up 2x2 mm.	Nephropathy, minimal. Inflammation, marked. Note: G4 = inflammation.
Liver	No gross observed on tissue.	Focus, clear cell, present. Lipidosis, multifocal, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 = 6x5x4 mm.	Hyperplasia, pars distalis, marked. Note: G1 = hyperplasia, pd.
Testis	Small, bilateral, pale, G2/ G2 = 0.5x.	Atrophy, bilateral, moderate. Note: G2 = atrophy.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 245	Group: CBM	
Day of Death: 743	Terminal Body Weight: 467.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pancreas	Mass, mottled, G1/ G1 = 10x10x8 mm.	B-islet cell tumor, mortality independent. Note: G1 = islet cell tumor.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Prostate	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 246	Group: CBM	
Day of Death: 743	Terminal Body Weight: 557.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	Cyst(s), left, multiple, clear, G1/ G1 = up to 25 mm diameter.	Cyst(s), tubular, marked. Note: G1 = cysts.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Skin	Crust(s), hindlimb, bilateral, dark, G2/ G2 = up to 12x12 mm.	Ulcer, epidermis, marked. Note: G2 = ulcer.
Testis	No gross observed on tissue.	Edema, interstitium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 247	Group: CBM	
Day of Death: 743	Terminal Body Weight: 591.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Skin	Crust(s), hindlimb, bilateral, dark, G1/ G1 = up to 9x7 mm.	Ulcer, epidermis, marked. Inflammation, mild. Note: G1 = ulcer and inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 248	Group: CBM	
Day of Death: 743	Terminal Body Weight: 489.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hyperplasia, medulla, moderate.
Brain	Mass, cerebrum, pink, G3/ 7x5x3 mm.	M-astrocytoma, mortality independent. Note: G3 = astrocytoma.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pancreas	No gross observed on tissue.	Hyperplasia, acinar cell, minimal.
Skin	Crust(s), hindlimb, bilateral, dark, G1/ G1 = up to 7x7 mm.	Ulcer, epidermis, marked. Inflammation, mild. Note: G1 = ulcer and inflammation.
Testis	Small, left, G2/ G2 = 0.1x.	Atrophy, unilateral, marked. Edema, interstitium, mild. Note: G2 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 249	Group: CBM	
Day of Death: 745	Terminal Body Weight: 552.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Cecum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Ulcer, cervical (neck), G1/ 8x8 mm.	B-adenoma, basal cell, mortality independent.
		Note: G1 = basal cell adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 250	Group: CBM	
Day of Death: 745	Terminal Body Weight: 517.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Testis	Fluid, right, G1/ right testis has liquefactive necrosis.	Atrophy, unilateral, marked. Edema, interstitium, moderate. Note: G1 = atrophy and edema.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 251	Group: CBM	
Day of Death: 745	Terminal Body Weight: 571.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Pancreas	No gross observed on tissue.	Lipomatosis, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 252	Group: CBM	
Day of Death: 745	Terminal Body Weight: 431.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Liver	Dilatation, bile duct, 8 mm diameter, G2/ common bile duct.	Hyperplasia, bile duct, minimal. Dilatation, bile duct, present. Note: G2 = bile duct dilatation.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Seminal Vesicle	No gross observed on tissue.	Hyperplasia, duct epithelium, moderate.
Testis	Discoloration(s), left, mottled, G1.	Atrophy, unilateral, moderate. Note: G1 = atrophy.
Thyroid Gland	Enlarged, left, G3/ 10x8x8 mm.	M-carcinoma, follicular cell, mortality independent. Note: G3 = carcinoma, follicular cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 253	Group: CBM	
Day of Death: 745	Terminal Body Weight: 499.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, mild.
Liver	No gross observed on tissue.	Focus, mixed cell, present. Focus, basophilic cell, present.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, mild.
Skin	Abrasion, hindlimb, right, tan, G1.	Inflammation, mild. Note: G1 = inflammation.
Testis	No gross observed on tissue.	Atrophy, bilateral, mild.
Thymus	Enlarged, 5 x, G2.	F-lymphoma, mortality independent. Note: G2 = lymphoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 254	Group: CBM	
Day of Death: 63	Terminal Body Weight: 217.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	Discoloration(s), bilateral, mottled, G2.	Hydronephrosis, mild. Inflammation, marked. Note: G2 = inflammation.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Preputial Gland	No gross observed on tissue.	Tissue is missing.
Prostate	No gross observed on tissue.	Inflammation, moderate.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Urinary Bladder	Calculus, lumen, two, tan, G1/ 7x7x7 mm, 5x4x3 mm.	M-carcinoma, transitional cell, definitely fatal. Note: G1 = transitional cell carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 255	Group: CBM	
Day of Death: 287	Terminal Body Weight: 322.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Stomach	No gross observed on tissue.	Inflammation, non-glandular, mild. Hyperplasia, mucosa, non-glandular, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 256	Group: CBM	
Day of Death: 745	Terminal Body Weight: 563.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Inflammation, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Nose/Turbinates	No gross observed on tissue.	Inflammation, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, mild.
Skin	Abrasion, hindlimb, bilateral, dark, G1.	Ulcer, epidermis, moderate. Note: G1 = ulcer.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 257	Group: CBM	
Day of Death: 657	Terminal Body Weight: 397.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, mottled, G1/ 10x8x6 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Stomach	No gross observed on tissue.	Hyperplasia, mucosa, non-glandular, minimal.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 258	Group: CBM	
Day of Death: 745	Terminal Body Weight: 620.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Harderian Gland	No gross observed on tissue.	Hyperplasia, glandular epithelium, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lymph Node, Mesenteric	No gross observed on tissue.	M-hemangiosarcoma, mortality independent.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Kidney; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 259	Group: CBM	
Day of Death: 746	Terminal Body Weight: 612.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, minimal. Hyperplasia, transitional epithelium, minimal.
Skin	Crust(s), hindlimb, bilateral, dark, G1/ G1 = up to 15x10 mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 260	Group: CBM	
Day of Death: 374	Terminal Body Weight: 372.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	Focus, left lateral lobe, dark, G5/ 3x3 mm.	Telangiectasis, mild. Note: G5 = telangiectasis.
Lung	Mass, left, tan, G2/ 8x8x8 mm. Mass, apical lobe, two, tan, G3/ 10x10x8 mm, 7x5x4 mm. Mass, diaphragmatic lobe, two, tan, G4/ 12x9x5 mm, 8x8x5 mm. Note: additional masses/nodules present, 5 largest recorded.	M-carcinoma, basal cell, metastatic (skin), definitely incidental. Note: G2, G3, G4 = basal cell carcinoma, metastatic (skin).
Mammary Gland	Mass, abdominal, tan, G1/ 40x40x20 mm.	Tissue is unremarkable. Note: G1 = coded as skin.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Skin	No gross observed on tissue.	M-carcinoma, basal cell, definitely fatal. Note: G1 = basal cell carcinoma.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Kidney; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 321	Group: B0.2M	
Day of Death: 729	Terminal Body Weight: 509.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	Focus, diaphragmatic lobe, dark, right, G4/ 3x3 mm.	Tissue is unremarkable. Note: G4 = not found on recut.
Skin	Crust(s), pedal (foot), red, left, G1/ G1 size = 9x9mm. Crust(s), pedal (foot), red, right, G2/ G2 size = 6x6mm.	Ulcer, epidermis, marked. Note: G1, G2 = ulcer.
Testis	Enlarged, right, G3/ G3 size = 0.5x, G3 contains clear fluid.	Atrophy, unilateral, moderate. Note: G3 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 322	Group: B0.2M	
Day of Death: 716	Terminal Body Weight: 371.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Pituitary Gland	Enlarged, 10 mm diameter, mottled, G1.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 323	Group: B0.2M	
Day of Death: 729	Terminal Body Weight: 505.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, right, G1/ G1 size = 20x15x10mm.	B-pheochromocytoma, mortality independent. Note: G1 = pheochromocytoma.
Pituitary Gland	Nodule, dark, G2/ 2x2x2 mm.	Hyperplasia, pars distalis, moderate. Note: G2 = hyperplasia, pars distalis.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 324	Group: B0.2M	
Day of Death: 729	Terminal Body Weight: 527.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 325	Group: B0.2M	
Day of Death: 729	Terminal Body Weight: 586.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. B-pheochromocytoma, mortality independent.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	M-hemangiosarcoma, mortality independent.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Testis	No gross observed on tissue.	Atrophy, unilateral, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 326	Group: B0.2M	
Day of Death: 729	Terminal Body Weight: 577.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Hydronephrosis, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 327	Group: B0.2M	
Day of Death: 729	Terminal Body Weight: 475.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Atrophy, minimal.
Jejunum	Mass, tan, G3/ G3 size = 17x13x13mm.	M-carcinoma, mortality independent. Note: G3 = carcinoma.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Hyperplasia, alveolar epithelium, minimal.
Pituitary Gland	Enlarged, mottled, G2/ G2 size = 11x6x5mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Prostate	No gross observed on tissue.	Inflammation, mild.
Skin	Crust(s), pedal (foot), red, left, G4/ G4 size = 3x3mm.	Inflammation, moderate. Note: G4 = inflammation.
Stomach	Nodule, glandular, white, G5/ 2x2x1 mm.	Inflammation, glandular, mild. Note: G5 = inflammation.
Testis	Small, bilateral, G1/ G1 size = 0.25x.	Atrophy, bilateral, moderate. Note: G1 = atrophy.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 328	Group: B0.2M	
Day of Death: 729	Terminal Body Weight: 471.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Hyperplasia, endothelium, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 329	Group: B0.2M	
Day of Death: 731	Terminal Body Weight: 609.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Preputial Gland	No gross observed on tissue.	Inflammation, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 330	Group: B0.2M	
Day of Death: 731	Terminal Body Weight: 563.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	Dilatation, pelvis, right, G1/ G1 size = 8x5x5mm.	Hydronephrosis, mild. Note: G1 = hydronephrosis.
Pharynx	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 331	Group: B0.2M	
Day of Death: 731	Terminal Body Weight: 648.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 332	Group: B0.2M	
Day of Death: 469	Terminal Body Weight: 395.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, moderate.
Pituitary Gland	Enlarged, dark, G2/ 8x7x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.
Prostate	No gross observed on tissue.	Inflammation, mild.
Skin	Mass, dark, G1/ left hind foot, 14 x 12 x 3 mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Stomach	No gross observed on tissue.	Ulcer, glandular, minimal.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 333	Group: B0.2M	
Day of Death: 731	Terminal Body Weight: 532.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, clear cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 334	Group: B0.2M	
Day of Death: 731	Terminal Body Weight: 573.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Testis	No gross observed on tissue.	Atrophy, unilateral, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 335	Group: B0.2M	
Day of Death: 735	Terminal Body Weight: 575.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Skin	Crust(s), hindlimb, bilateral, brown, G1/ 5x5 mm, foot pad.	Ulcer, epidermis, mild. Inflammation, moderate. Note: G1 = ulcer and inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 336	Group: B0.2M	
Day of Death: 735	Terminal Body Weight: 496.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Skin	Crust(s), hindlimb, bilateral, brown, G1/ 5x5 mm, foot pad.	Inflammation, moderate. Note: G1 = inflammation.
Spleen	No gross observed on tissue.	Hyperplasia, lymphoid, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 337	Group: B0.2M	
Day of Death: 735	Terminal Body Weight: 610.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, medulla, marked.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 338	Group: B0.2M	
Day of Death: 735	Terminal Body Weight: 516.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 339	Group: B0.2M	
Day of Death: 735	Terminal Body Weight: 451.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild.
Kidney	No gross observed on tissue.	Hydronephrosis, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Thyroid Gland	Enlarged, right, G1/ G1 = 3x.	B-adenoma, follicular cell, mortality independent. Note: G1 = follicular cell adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 340	Group: B0.2M	
Day of Death: 723	Terminal Body Weight: 520.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Esophagus	No gross observed on tissue.	Inflammation, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Jejunum	Diverticulum, 30 x 25 x 25 mm, dark, G2.	Diverticulum, present. Note: G2 = diverticulum.
Lung	No gross observed on tissue.	Inflammation, minimal.
Nose/Turbinates	No gross observed on tissue.	Inflammation, moderate.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Testis	Small, bilateral, 0.5 x, G1.	Atrophy, bilateral, moderate. Note: G1 = atrophy.
Trachea	No gross observed on tissue.	Inflammation, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Eye; Femur; Harderian Gland; Ileum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 341	Group: B0.2M	
Day of Death: 576	Terminal Body Weight: 294.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, right, tan, G6/ 3x.	Hyperplasia, cortex, minimal. B-pheochromocytoma, definitely incidental. Note: G6 = pheochromocytoma.
Liver	Small, left, G5/ 0.5x.	Atrophy, mild. Note: G5 = atrophy.
Pituitary Gland	Enlarged, mottled, G7/ 11x9x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G7 = adenoma, pd.
Skin	Mass, dorsal, left, red, G1/ 7x6x4 mm G1=ulcerated. Crust(s), dorsal, multiple, red, G2/ up to 6x5 mm. Mass, hindlimb, right, tan, G3/ 8x7x3 mm.	Ulcer, epidermis, marked. Cyst, epithelial inclusion, moderate. Hyperplasia, epidermis, mild. Osseous metaplasia, moderate. Note: G1 = epidermal inclusion cyst, G2 = epidermal hyperplasia, G3 = epidermal ulcer.
Spleen	Nodule, white, G4/ 3x2x1 mm.	Hyperplasia, lymphoid, mild. Note: G4 = lymphoid hyperplasia.
Stomach	No gross observed on tissue.	Inflammation, non-glandular, mild.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 342	Group: B0.2M	
Day of Death: 735	Terminal Body Weight: 505.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Pharynx	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars intermedia, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 343	Group: B0.2M	
Day of Death: 735	Terminal Body Weight: 617.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Lung	No gross observed on tissue.	Hyperplasia, alveolar epithelium, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 344	Group: B0.2M	
Day of Death: 735	Terminal Body Weight: 684.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Skin	Crust(s), hindlimb, dark, right, G1/ G1 = 7x7x7 mm.	Inflammation, moderate. Note: G1 = inflammation.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 345	Group: B0.2M	
Day of Death: 737	Terminal Body Weight: 555.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Kidney	No gross observed on tissue.	Inflammation, mild.
Pancreas	No gross observed on tissue.	Hyperplasia, acinar cell, mild.
Pituitary Gland	Focus, dark, G1/ 1x1 mm.	Hyperplasia, pars distalis, marked. Note: G1 = hyperplasia, pars distalis.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 346	Group: B0.2M	
Day of Death: 737	Terminal Body Weight: 589.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 = 6 x 5 x 3 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 347	Group: B0.2M	
Day of Death: 613	Terminal Body Weight: 337.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	Enlarged, mottled, G1/ 15x15x10 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 348	Group: B0.2M	
Day of Death: 737	Terminal Body Weight: 557.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Testis	Small, right, G1/ G1 = 0.5x.	Atrophy, unilateral, moderate. Note: G1 = atrophy.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 349	Group: B0.2M	
Day of Death: 528	Terminal Body Weight: 496.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Inflammation, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, mottled, G1/ 10x5x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Stomach	Mass, forestomach, dark, G2/ 12x8x2 mm.	Ulcer, non-glandular, marked. Note: G2 = ulcer.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 350	Group: B0.2M	
Day of Death: 737	Terminal Body Weight: 430.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Jejunum	Diverticulum, G2/ G2 = 10 x 10 x 10 mm.	Diverticulum, present. Note: G2 = diverticulum.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Nose/Turbinates	No gross observed on tissue.	Inflammation, mild.
Skin	Crust(s), hindlimb, bilateral, dark, G1/ G1 = up to 7 x 7 mm.	Ulcer, epidermis, mild. Inflammation, mild. Note: G1 = inflammation and ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 351	Group: B0.2M	
Day of Death: 737	Terminal Body Weight: 554.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Seminal Vesicle	Small, bilateral, G2/ G2 = 0.25x.	Atrophy, moderate. Note: G2 = atrophy.
Skin	Crust(s), hindlimb, bilateral, dark, G1/ G1 = up to 7 x 7 mm.	Inflammation, moderate. Note: G1 = inflammation.
Testis	No gross observed on tissue.	B-adenoma, interstitial cell, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 352	Group: B0.2M	
Day of Death: 737	Terminal Body Weight: 796.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Skin	Crust(s), hindlimb, left, dark, G1/ G1 = 10 x 10 mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 353	Group: B0.2M	
Day of Death: 653	Terminal Body Weight: 520.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Skin	Deformity, hindlimb, left, G1/ 8x7 mm, G1 = ulcerated.	Ulcer, epidermis, marked. Inflammation, marked. Note: G1 = ulcer and inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 354	Group: B0.2M	
Day of Death: 711	Terminal Body Weight: 364.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, mild.
Harderian Gland	No gross observed on tissue.	Hyperplasia, glandular epithelium, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hemorrhage, moderate.
Pituitary Gland	Enlarged, 12 x 10 x 8 mm, dark, G2.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.
Skin	Mass, dorsal, left, mottled, 20 x 13 x 10 mm, G1.	Cyst, epithelial inclusion, marked.
	Abrasion, hindlimb, bilateral, red, G3/ up to 5x5 mm.	Inflammation, moderate. Note: G1 = epithelial inclusion cyst, G3 = inflammation.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 355	Group: B0.2M	
Day of Death: 739	Terminal Body Weight: 550.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Testis	Enlarged, bilateral, G1/ 4x cystic.	Edema, interstitium, moderate. Note: G1 = edema, interstitium.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 356	Group: B0.2M	
Day of Death: 739	Terminal Body Weight: 565.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Testis	Enlarged, bilateral, G1/ 3x.	Edema, interstitium, mild. Note: G1 = cyst (cystic interstitium).

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 357	Group: B0.2M	
Day of Death: 739	Terminal Body Weight: 462.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Harderian Gland	No gross observed on tissue.	B-adenoma, mortality independent.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present. Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Testis	No gross observed on tissue.	B-adenoma, interstitial cell, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 358	Group: B0.2M	
Day of Death: 739	Terminal Body Weight: 511.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 359	Group: B0.2M	
Day of Death: 739	Terminal Body Weight: 567.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Pituitary Gland	Nodule, dark, G1/ 2x1x1 mm.	Hyperplasia, pars distalis, mild. Note: G1 = hyperplasia, pars distalis.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, mild.
Stomach	Nodule, glandular, white, G2/ size = 4 x 3 x 3 mm, located at limiting ridge.	Mucosal cyst, non-glandular, present. Note: G2 = cyst.
Testis	No gross observed on tissue.	Atrophy, unilateral, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 360	Group: B0.2M	
Day of Death: 739	Terminal Body Weight: 562.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 361	Group: B0.2M	
Day of Death: 743	Terminal Body Weight: 458.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, medulla, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 362	Group: B0.2M	
Day of Death: 743	Terminal Body Weight: 585.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, mixed cell, present. Focus, basophilic cell, present.
Stomach	Nodule, forestomach, white, G1/ 3 x 2 x 2 mm.	Ulcer, non-glandular, mild. Hyperplasia, mucosa, non-glandular, mild. Note: G1 = hyperplasia, mucosa, non-glandular epithelium.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 363	Group: B0.2M	
Day of Death: 381	Terminal Body Weight: 424.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild. Inflammation, minimal.
Pancreas	Mass, mottled, G1/ 30x30x30 mm.	M-carcinoma, exocrine, definitely incidental. Note: G1 = exocrine carcinoma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 364	Group: B0.2M	
Day of Death: 743	Terminal Body Weight: 368.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lymph Node, Other	Enlarged, renal, left, pink, G2/ G2 = 5x.	Hyperplasia, plasma cell, marked. Note: G2 = hyperplasia, plasma cell.
Pituitary Gland	Enlarged, red, G3/ G3 = 8 x 8 x 3 mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Skin	Crust(s), hindlimb, bilateral, dark, G1/ G1 = up to 10 x 8 x 3 mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 365	Group: B0.2M	
Day of Death: 704	Terminal Body Weight: 406.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Bone	Mass, white, G2/ mandible, 10x8x7 mm.	Miscellaneous tissue not examined. Note: G2 = coded as oral mucosa.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Lung	Focus, multiple, tan, G1/ up to 2x2 mm.	Alveolar macrophages, increased, mild. Note: G1 = alveolar macrophages, increased.
Oral Mucosa	No gross observed on tissue.	M-carcinoma, squamous cell, definitely fatal. Note: G2 = carcinoma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Stomach	No gross observed on tissue.	Ulcer, non-glandular, mild.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Pancreas; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 366	Group: B0.2M	
Day of Death: 743	Terminal Body Weight: 383.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Harderian Gland	No gross observed on tissue.	Atrophy, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Necrosis, hepatocyte, minimal.
Parathyroid	No gross observed on tissue.	Fibrosis, mild.
Pituitary Gland	Enlarged, tan, G1/ G1 = 7 x 7 x 4 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 367	Group: B0.2M	
Day of Death: 743	Terminal Body Weight: 638.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, eosinophilic, present.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars intermedia, mortality independent.
Thyroid Gland	Enlarged, right, G1/ G1 = 2x.	B-adenoma, follicular cell, mortality independent. B-adenoma, c-cell, mortality independent. Note: G1 = adenoma, follicular cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 368	Group: B0.2M	
Day of Death: 743	Terminal Body Weight: 574.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Inflammation, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, mixed cell, present.
Pituitary Gland	Focus, dark, G1/ G1 = 3 x 3 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 369	Group: B0.2M	
Day of Death: 745	Terminal Body Weight: 509.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 370	Group: B0.2M	
Day of Death: 745	Terminal Body Weight: 614.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Abrasion, hindlimb, right, dark, G1.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 371	Group: B0.2M	
Day of Death: 745	Terminal Body Weight: 579.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal. B-pheochromocytoma, mortality independent.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present. Focus, basophilic cell, present. Telangiectasis, minimal.
Lung	No gross observed on tissue.	Inflammation, minimal.
Nose/Turbinates	No gross observed on tissue.	Inflammation, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 372	Group: B0.2M	
Day of Death: 745	Terminal Body Weight: 516.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 373	Group: B0.2M	
Day of Death: 745	Terminal Body Weight: 484.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Eye	Small, 0.5 x, G1.	Inflammation, ocular, moderate. Note: G1 = inflammation.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 374	Group: B0.2M	
Day of Death: 745	Terminal Body Weight: 485.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Telangiectasis, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars intermedia, moderate.
Skin	Abrasion, hindlimb, bilateral, dark, G1.	Ulcer, epidermis, moderate. Note: G1 = ulcer.
Stomach	No gross observed on tissue.	Hyperplasia, mucosa, non-glandular, minimal.
Testis	No gross observed on tissue.	Edema, interstitium, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal. B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 375	Group: B0.2M	
Day of Death: 745	Terminal Body Weight: 573.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Testis	No gross observed on tissue.	Atrophy, unilateral, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 376	Group: B0.2M	
Day of Death: 574	Terminal Body Weight: 414.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Esophagus	No gross observed on tissue.	Tissue is missing.
Eye	No gross observed on tissue.	Tissue is unremarkable. Note: one eye = missing.
Harderian Gland	No gross observed on tissue.	Tissue is missing.
Heart	No gross observed on tissue.	Tissue is missing.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pharynx	No gross observed on tissue.	Tissue is missing.
Salivary Gland	No gross observed on tissue.	Tissue is missing.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Tissue is missing.
Trachea	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Femur; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pituitary Gland; Preputial Gland; Prostate; Rectum; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Tongue; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 377	Group: B0.2M	
Day of Death: 745	Terminal Body Weight: 668.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present. Focus, basophilic cell, present.
Pituitary Gland	Nodule, 3 x 3 x 3 mm, dark, G1.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 378	Group: B0.2M	
Day of Death: 745	Terminal Body Weight: 564.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 379	Group: B0.2M	
Day of Death: 746	Terminal Body Weight: 471.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Nose/Turbinates	No gross observed on tissue.	Inflammation, moderate.
Pituitary Gland	Enlarged, dark, G1/ G1 = 11 x 8 x 8 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 380	Group: B0.2M	
Day of Death: 746	Terminal Body Weight: 497.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal. Telangiectasis, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 421	Group: B2M	
Day of Death: 729	Terminal Body Weight: 466.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal. Lipidosis, focal, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	M-hemangiosarcoma, mortality independent.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 422	Group: B2M	
Day of Death: 729	Terminal Body Weight: 509.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate. Hypertrophy, cortex, mild.
Colon	No gross observed on tissue.	Metazoan parasite, lumen, present.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Prostate	No gross observed on tissue.	Inflammation, minimal. Hyperplasia, duct epithelium, minimal.
Salivary Gland	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 423	Group: B2M	
Day of Death: 729	Terminal Body Weight: 416.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Lipidosis, diffuse, moderate.
Prostate	No gross observed on tissue.	Inflammation, minimal. Hyperplasia, duct epithelium, minimal.
Skin	Crust(s), pedal (foot), dark, left, G2/ G2 size = 6x4mm. Crust(s), pedal (foot), dark, right, G3/ G3 size = 6x4mm.	Ulcer, epidermis, moderate. Inflammation, moderate. Note: G2 = ulcer, G3 = inflammation.
Testis	Discoloration(s), right, mottled, G1/ right testis contains clear fluid.	Atrophy, unilateral, marked. Note: G1 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 424	Group: B2M	
Day of Death: 357	Terminal Body Weight: 281.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild. Mineralization, moderate.
Kidney	No gross observed on tissue.	Inflammation, moderate. Mineralization, mild. Note: inflammation localized to pelvis.
Parathyroid	No gross observed on tissue.	Hyperplasia, mild.
Prostate	No gross observed on tissue.	Inflammation, mild.
Salivary Gland	No gross observed on tissue.	Necrosis, moderate.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, moderate.
Stomach	No gross observed on tissue.	Mineralization, mild.
Thymus	No gross observed on tissue.	Hemorrhage, moderate.
Urinary Bladder	No gross observed on tissue.	Hyperplasia, transitional epithelium, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Testis; Thyroid Gland; Tongue; Trachea; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 425	Group: B2M	
Day of Death: 729	Terminal Body Weight: 530.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Nose/Turbinates	No gross observed on tissue.	Hyperplasia, glandular epithelium, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal. Hyperplasia, pars intermedia, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 426	Group: B2M	
Day of Death: 729	Terminal Body Weight: 498.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 427	Group: B2M	
Day of Death: 729	Terminal Body Weight: 548.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Brain	No gross observed on tissue.	B-granular cell tumor, mortality independent.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	Enlarged, right, G1/ 3x.	B-adenoma, follicular cell, mortality independent. Note: G1 = adenoma, follicular cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 428	Group: B2M	
Day of Death: 729	Terminal Body Weight: 496.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Skin	Crust(s), pedal (foot), red, right, G1/ G1 size = 4x3mm.	Ulcer, epidermis, moderate. Inflammation, mild.
	Crust(s), pedal (foot), red, left, G2/ G2 size = 2x2mm.	Note: G1 = ulcer, G2 = inflammation.
Testis	No gross observed on tissue.	Atrophy, bilateral, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 429	Group: B2M	
Day of Death: 731	Terminal Body Weight: 476.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, medulla, moderate.
Pituitary Gland	Enlarged, dark, G1/ G1 size = 7x7x5mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 430	Group: B2M	
Day of Death: 629	Terminal Body Weight: 455.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, pink, G1/ 9x9x6 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Skin	Nodule, pedal (foot), G2/ 6x5x2 mm.	Inflammation, mild. Note: G2 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 431	Group: B2M	
Day of Death: 731	Terminal Body Weight: 465.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Liver	Focus, multiple, dark, G1/ G1 size = up to 3x2mm, all liver lobes are affected.	Focus, mixed cell, present. Lipidosis, multifocal, minimal. Telangiectasis, moderate. Note: G1 = telangiectasis.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 432	Group: B2M	
Day of Death: 731	Terminal Body Weight: 573.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Degeneration, cystic, mild.
Harderian Gland	No gross observed on tissue.	Tissue is missing.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 433	Group: B2M	
Day of Death: 731	Terminal Body Weight: 486.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Inflammation, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Skin	Crust(s), pedal (foot), red, bilateral, G1/ G1 size = 3x3mm.	Inflammation, mild. Note: G1 = inflammation.
Stomach	Nodule, glandular, tan, G2/ 3x2x2 mm.	Mucosal cyst, non-glandular, present. Note: G2 = cyst.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 434	Group: B2M	
Day of Death: 731	Terminal Body Weight: 471.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	B-ganglioneuroma, mortality independent.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Testis	Small, right, G1/ G1 size = 0.5x.	Atrophy, unilateral, marked. Note: G1 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 435	Group: B2M	
Day of Death: 735	Terminal Body Weight: 482.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Lymph Node, Mesenteric	Enlarged, dark, G1/ 5x.	M-hemangiosarcoma, mortality independent. Note: G1 = hemangiosarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 436	Group: B2M	
Day of Death: 513	Terminal Body Weight: 328.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	Enlarged, mottled, G1/ 13x10x9 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 437	Group: B2M	
Day of Death: 735	Terminal Body Weight: 464.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 438	Group: B2M	
Day of Death: 735	Terminal Body Weight: 551.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 439	Group: B2M	
Day of Death: 735	Terminal Body Weight: 556.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Inflammation, mild. Necrosis, hepatocyte, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 440	Group: B2M	
Day of Death: 735	Terminal Body Weight: 497.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Testis	No gross observed on tissue.	Inflammation, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 441	Group: B2M	
Day of Death: 735	Terminal Body Weight: 424.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Lung	Focus, multiple, pale, G3/ G3 = up to 3 mm x 3 mm. All lobes affected.	Alveolar macrophages, increased, mild. Note: G3 = increased alveolar macrophages.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Prostate	No gross observed on tissue.	Inflammation, moderate.
Skin	Crust(s), hindlimb, dark, right, G1/ G1 = 12 mm x 10 mm x 10 mm. Crust(s), hindlimb, dark, left, G2/ G2 = 4 mm x 3 mm x 3 mm.	Ulcer, epidermis, moderate. Inflammation, mild. Note: G1 = ulcer, G2 = inflammation.
Thyroid Gland	Enlarged, right, G4/ G4 = 3x.	B-adenoma, c-cell, mortality independent. Note: G4 = c-cell adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 442	Group: B2M	
Day of Death: 735	Terminal Body Weight: 477.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 443	Group: B2M	
Day of Death: 735	Terminal Body Weight: 654.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 444	Group: B2M	
Day of Death: 618	Terminal Body Weight: 279.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lymph Node, Mandibular	Enlarged, dark, G1/ 3x.	Miscellaneous tissue not examined. Note: G1 = coded as thyroid gland.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G3/ 12x10x10 mm.	B-adenoma, pars distalis, definitely fatal. Note: G3 = adenoma, pars distalis.
Skin	Crust(s), hindlimb, left, tan, G2/ 2x2x2 mm.	Ulcer, epidermis, moderate. Note: G2 = ulcer.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, mild. M-carcinoma, follicular cell, definitely incidental. Note: G1 = follicular cell carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 445	Group: B2M	
Day of Death: 93	Terminal Body Weight: 356.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Bone Marrow	No gross observed on tissue.	F-lymphoma, definitely incidental.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Spleen	No gross observed on tissue.	F-lymphoma, definitely fatal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 446	Group: B2M	
Day of Death: 737	Terminal Body Weight: 394.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Necrosis, hepatocyte, minimal.
Oral Mucosa	No gross observed on tissue.	M-carcinoma, squamous cell, mortality independent. Note: G1 = squamous cell carcinoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate. Hyperplasia, pars intermedia, mild.
Zymbal's Gland	Mass, pale, right, G1/ G1 = 10 x 10 x 10 mm. Mass infiltrating facial muscle in region of zymbal's gland.	Tissue is unremarkable. Note: G1 = coded as oral mucosa.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 447	Group: B2M	
Day of Death: 737	Terminal Body Weight: 579.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Hydronephrosis, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 448	Group: B2M	
Day of Death: 737	Terminal Body Weight: 511.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, bilateral, G4/ G4 = 3x.	Hyperplasia, cortex, mild. Hyperplasia, medulla, mild. Note: G4 = cortical hyperplasia and medullary hyperplasia.
Harderian Gland	No gross observed on tissue.	Inflammation, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lymph Node, Mandibular	Enlarged, pale, bilateral, G3/ G3 = 4x.	Cystic degeneration, moderate. Hyperplasia, plasma cell, moderate. Note: G3 = cystic degeneration and plasma cell hyperplasia.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Nodule, dark, G5/ G5 = 5 x 5 x 4 mm.	B-adenoma, pars distalis, mortality independent. Note: G5 = adenoma, pd.
Testis	Small, left, G1/ G1 = 0.5x. Nodule, capsule, multiple, pale, bilateral, G2/ G2 = up to 3 x 3 mm.	Atrophy, unilateral, mild. M-mesothelioma, mortality independent. Note: G1 = atrophy, G2 = mesothelioma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 449	Group: B2M	
Day of Death: 737	Terminal Body Weight: 420.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 450	Group: B2M	
Day of Death: 737	Terminal Body Weight: 383.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Cecum	No gross observed on tissue.	Inflammation, mild. Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Infarct, chronic, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	Discoloration(s), multiple, pale, G6/ G6 = up to 15 x 8 mm; coalescing; all lobes affected.	Alveolar macrophages, increased, moderate. Hyperplasia, alveolar epithelium, marked. Note: G6 = increased alveolar macrophages.
Lymph Node, Mandibular	Enlarged, bilateral, clear, gelatinous, G5/ G5 = 5x.	Cystic degeneration, moderate. Hyperplasia, plasma cell, mild. Note: G5 = cystic degeneration.
Lymph Node, Mesenteric	Enlarged, G4/ G4 = 2x.	Sinus histiocytosis, mild. Cystic degeneration, moderate. Hyperplasia, plasma cell, mild. Note: G4 = cystic degeneration.
Lymph Node, Other	Enlarged, inguinal, pale, G3/ G3 = 3x.	Cystic degeneration, moderate. Note: G3 = cystic degeneration.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Spleen	Enlarged, G1/ G1 = 55 x 10 x 8 mm.	Extramedullary hematopoiesis (emh), moderate. Note: G1 = extramedullary hematopoiesis (emh).

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 450	Group: B2M	
Day of Death: 737	Terminal Body Weight: 383.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Testis	Small, right, clear, G2/ G2 = 0.5x. Appears fluid-filled.	Atrophy, bilateral, marked. B-adenoma, interstitial cell, mortality independent. Note: G2 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 451	Group: B2M	
Day of Death: 737	Terminal Body Weight: 540.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild. Hyperplasia, medulla, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Skin	Crust(s), caudal (tail), multiple, dark, G1/ up to 4x4 mm.	Ulcer, epidermis, moderate. Inflammation, moderate. Note: G1 = ulcer and inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 452	Group: B2M	
Day of Death: 737	Terminal Body Weight: 434.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:		
Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland		

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 453	Group: B2M	
Day of Death: 739	Terminal Body Weight: 434.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 454	Group: B2M	
Day of Death: 739	Terminal Body Weight: 453.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 455	Group: B2M	
Day of Death: 739	Terminal Body Weight: 499.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Jejunum	Diverticulum, dark, G1/ 10x10x8 mm.	Diverticulum, present. Note: G1 = diverticulum.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Prostate	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 456	Group: B2M	
Day of Death: 739	Terminal Body Weight: 508.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 457	Group: B2M	
Day of Death: 739	Terminal Body Weight: 474.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Testis	No gross observed on tissue.	B-adenoma, interstitial cell, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 458	Group: B2M	
Day of Death: 739	Terminal Body Weight: 440.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Bone Marrow	No gross observed on tissue.	Hyperplasia, marked.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.
Zymbal's Gland	Mass, mottled, G1/ 25x20x20 mm ulcerated.	M-carcinoma, squamous cell, mortality independent. Note: G1 = squamous cell carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 459	Group: B2M	
Day of Death: 739	Terminal Body Weight: 482.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Hydronephrosis, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 460	Group: B2M	
Day of Death: 739	Terminal Body Weight: 470.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hyperplasia, medulla, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lymph Node, Mesenteric	Enlarged, dark, G1/ 4x.	M-hemangiosarcoma, mortality independent. Note: G1 = hemangiosarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 461	Group: B2M	
Day of Death: 743	Terminal Body Weight: 541.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	M-hemangiosarcoma, mortality independent.
Testis	Discoloration(s), left, mottled, G1/ mottled white.	B-adenoma, interstitial cell, mortality independent. Note: G1 = interstitial cell adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 462	Group: B2M	
Day of Death: 743	Terminal Body Weight: 482.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Skin	Crust(s), hindlimb, brown, bilateral, G1/ 10x10 mm, foot pad.	Inflammation, mild. Note: G1 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 463	Group: B2M	
Day of Death: 743	Terminal Body Weight: 409.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Extramedullary hematopoiesis (emh), minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Testis	No gross observed on tissue.	Atrophy, unilateral, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 464	Group: B2M	
Day of Death: 711	Terminal Body Weight: 421.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Lymph Node, Other	Enlarged, pancreatic, 4 x, dark, G1.	Miscellaneous tissue not examined. Note: G1 = coded as pancreas.
Pancreas	No gross observed on tissue.	B-islet cell tumor, definitely fatal. Note: G1 = islet cell tumor.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 465	Group: B2M	
Day of Death: 743	Terminal Body Weight: 557.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Prostate	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 466	Group: B2M	
Day of Death: 743	Terminal Body Weight: 512.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Skin	Nodule, facial, dark, G1/ G1 = 4 x 4 x 3 mm.	B-papilloma, squamous cell, mortality independent. Note: G1 = squamous cell papilloma.
Testis	No gross observed on tissue.	Atrophy, unilateral, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 467	Group: B2M	
Day of Death: 743	Terminal Body Weight: 503.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. B-adenoma, cortical, mortality independent.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, mild.
Liver	No gross observed on tissue.	Lipidosis, focal, minimal.
Testis	Small, bilateral, G2/ G2 = 0.5x.	Atrophy, bilateral, moderate. Note: G2 = atrophy.
Zymbal's Gland	Mass, dark, G1/ G1 = 46 x 24 x 23 mm.	M-carcinoma, squamous cell, mortality independent. Note: G1 = squamous cell carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 468	Group: B2M	
Day of Death: 743	Terminal Body Weight: 486.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present.
Lung	No gross observed on tissue.	Hyperplasia, alveolar epithelium, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 469	Group: B2M	
Day of Death: 745	Terminal Body Weight: 473.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 470	Group: B2M	
Day of Death: 745	Terminal Body Weight: 467.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal. Degeneration, cystic, minimal.
Parathyroid	No gross observed on tissue.	Hyperplasia, minimal.
Pituitary Gland	Enlarged, 10 x 8 x 6 mm, dark, G2.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Preputial Gland	No gross observed on tissue.	Inflammation, moderate.
Skin	Mass, inguinal, 65 x 37 x 25 mm, dark, G1.	M-fibrosarcoma, mortality independent. Note: G1 = fibrosarcoma.
Testis	Small, bilateral, 0.5 x, G3.	Atrophy, bilateral, moderate. Note: G3 = atrophy.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 471	Group: B2M	
Day of Death: 294	Terminal Body Weight: 314.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hyperplasia, tubular, mild.
Spinal Cord	No gross observed on tissue.	M-ependymoma, anaplastic, definitely fatal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 472	Group: B2M	
Day of Death: 513	Terminal Body Weight: 302.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pancreas	No gross observed on tissue.	B-islet cell tumor, definitely incidental.
Parathyroid	No gross observed on tissue.	Hyperplasia, mild.
Pituitary Gland	Enlarged, mottled, G1/ 12x9x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Prostate	No gross observed on tissue.	Inflammation, mild.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 473	Group: B2M	
Day of Death: 745	Terminal Body Weight: 501.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Prostate	No gross observed on tissue.	Inflammation, moderate.
Skin	Crust(s), dorsal, 3 x 5 mm, G1.	Cyst, epithelial inclusion, moderate. Hyperplasia, epidermis, moderate. Note: G1 = hyperplasia, epidermis.
Urinary Bladder	No gross observed on tissue.	M-carcinoma, transitional cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 474	Group: B2M	
Day of Death: 745	Terminal Body Weight: 532.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Tissue is missing.
Epididymis	No gross observed on tissue.	Tissue is unremarkable. Note: one epididymis = missing.
Harderian Gland	No gross observed on tissue.	Tissue is missing.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Seminal Vesicle	Enlarged, right, 3 x, G2.	Duct ectasia, moderate. Note: G2 = duct ectasia.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	Enlarged, right, 13 mm diameter, G1.	M-carcinoma, follicular cell, mortality independent. Note: G1 = follicular cell carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 475	Group: B2M	
Day of Death: 745	Terminal Body Weight: 508.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Hydronephrosis, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 476	Group: B2M	
Day of Death: 745	Terminal Body Weight: 517.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, moderate.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 477	Group: B2M	
Day of Death: 654	Terminal Body Weight: 435.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Skin	Crust(s), red, G1/ 2x2x2 mm, left hindfoot.	Ulcer, epidermis, mild. Note: G1 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 478	Group: B2M	
Day of Death: 745	Terminal Body Weight: 395.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 479	Group: B2M	
Day of Death: 746	Terminal Body Weight: 436.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Jejunum	Diverticulum, red, G1/ 5x4x4 mm.	Inflammation, mild. Diverticulum, present. Note: G1 = diverticulum and inflammation.
Kidney	No gross observed on tissue.	Cyst(s), tubular, moderate.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 480	Group: B2M	
Day of Death: 711	Terminal Body Weight: 470.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Necrosis, cortex, mild.
Cecum	No gross observed on tissue.	Inflammation, mild.
Epididymis	No gross observed on tissue.	Atrophy, unilateral, moderate.
Harderian Gland	No gross observed on tissue.	Hyperplasia, glandular epithelium, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	No gross observed on tissue.	Inflammation, foreign body, moderate.
Pharynx	No gross observed on tissue.	Inflammation, mild.
Prostate	Enlarged, mottled, G2/ 3x.	Inflammation, marked. Note: G2 = inflammation.
Seminal Vesicle	No gross observed on tissue.	Inflammation, moderate.
Testis	Enlarged, right, 2 x, dark, G1.	Atrophy, unilateral, marked. Edema, interstitium, marked. Note: G1 = cyst.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.
Urinary Bladder	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Colon; Duodenum; Esophagus; Eye; Femur; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 521	Group: B5M	
Day of Death: 729	Terminal Body Weight: 482.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Bone Marrow	No gross observed on tissue.	Marrow lipomatosis, mild.
Liver	No gross observed on tissue.	Focus, mixed cell, present. Focus, eosinophilic, present. Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pancreas	No gross observed on tissue.	Hyperplasia, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Testis	No gross observed on tissue.	Atrophy, unilateral, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 522	Group: B5M	
Day of Death: 729	Terminal Body Weight: 493.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Metazoan parasite, lumen, present.
Epididymis	No gross observed on tissue.	M-mesothelioma, mortality independent.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	Dilatation, bile duct, G1/ G1 size = 5mm in diameter.	Lipidosis, multifocal, minimal. Dilatation, bile duct, present. Note: G1 = bile duct dilatation.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Testis	No gross observed on tissue.	M-mesothelioma, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 523	Group: B5M	
Day of Death: 729	Terminal Body Weight: 412.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 524	Group: B5M	
Day of Death: 729	Terminal Body Weight: 528.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 525	Group: B5M	
Day of Death: 729	Terminal Body Weight: 350.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	Nodule, median lobe, tan, G1/ 3x2x2 mm.	Hepatodiaphragmatic nodule (hdn), present. Note: G1 = hdn.
Testis	No gross observed on tissue.	B-adenoma, interstitial cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 526	Group: B5M	
Day of Death: 729	Terminal Body Weight: 439.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Eye	No gross observed on tissue.	Cataract, mild. Retinal detachment, marked.
Kidney	No gross observed on tissue.	Necrosis, papillary, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal. Focus, mixed cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Parathyroid	No gross observed on tissue.	Hyperplasia, mild.
Pharynx	No gross observed on tissue.	Tissue is missing.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pituitary Gland; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 527	Group: B5M	
Day of Death: 729	Terminal Body Weight: 426.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild. Vacuolization, cytoplasm, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, focal, minimal.
Pharynx	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 528	Group: B5M	
Day of Death: 729	Terminal Body Weight: 451.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present. Lipidosis, focal, minimal.
Lung	No gross observed on tissue.	Inflammation, minimal. Eosinophilic crystals, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 529	Group: B5M	
Day of Death: 731	Terminal Body Weight: 465.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 530	Group: B5M	
Day of Death: 676	Terminal Body Weight: 306.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate. Hypertrophy, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Bone Marrow	No gross observed on tissue.	Marrow lipomatosis, moderate.
Pituitary Gland	Enlarged, G1/ 8x8x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 531	Group: B5M	
Day of Death: 731	Terminal Body Weight: 491.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Degeneration, cystic, moderate.
Kidney	No gross observed on tissue.	Hydronephrosis, minimal.
Skin	Crust(s), pedal (foot), dark, bilateral, G1/ G1 size = 10x10mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 532	Group: B5M	
Day of Death: 534	Terminal Body Weight: 389.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Harderian Gland	No gross observed on tissue.	Inflammation, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pharynx	No gross observed on tissue.	Inflammation, mild.
Skin	Mass, cervical (neck), left, tan, G1/ 55x35x20 mm.	F-lymphoma, definitely fatal. Note: G1 = lymphoma.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 533	Group: B5M	
Day of Death: 731	Terminal Body Weight: 451.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Bone Marrow	No gross observed on tissue.	Marrow lipomatosis, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 534	Group: B5M	
Day of Death: 731	Terminal Body Weight: 451.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild. Vacuolization, cytoplasm, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	Dilatation, bile duct, G1/ G1 size = 3 mm in diameter.	Dilatation, bile duct, present. Note: G1 = bile duct dilatation.
Parathyroid	No gross observed on tissue.	Hyperplasia, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 535	Group: B5M	
Day of Death: 735	Terminal Body Weight: 390.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Bone Marrow	No gross observed on tissue.	Marrow lipomatosis, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, mixed cell, present. Focus, basophilic cell, present. Focus, eosinophilic, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal. Inflammation, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Crust(s), cervical (neck), multiple, brown, G1/ up to 3x2 mm. Crust(s), multiple, G2/ left shoulder, up to 2x2 mm.	Inflammation, moderate. Hyperplasia, epidermis, moderate. Note: G1, G2 = epidermal hyperplasia.
Thymus	No gross observed on tissue.	M-thymoma, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 536	Group: B5M	
Day of Death: 735	Terminal Body Weight: 636.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Crust(s), hindlimb, bilateral, brown, G1/ up to 10x9 mm.	Ulcer, epidermis, marked. Inflammation, moderate. Note: G1 = inflammation and ulceration.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 537	Group: B5M	
Day of Death: 708	Terminal Body Weight: 411.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild. Thrombosis, moderate. Note: thrombosis = pulmonary artery.
Lung	No gross observed on tissue.	Thrombosis, marked.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 538	Group: B5M	
Day of Death: 735	Terminal Body Weight: 489.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Parathyroid	No gross observed on tissue.	Hyperplasia, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Testis	No gross observed on tissue.	Atrophy, bilateral, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 539	Group: B5M	
Day of Death: 735	Terminal Body Weight: 443.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 540	Group: B5M	
Day of Death: 735	Terminal Body Weight: 531.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Mesentery	Mass, pale, caseous, G1/ 15x10x10 mm.	Cyst(s), ectopic epithelium, present. Necrosis, mesenteric fat, moderate. Note: G1 = ectopic epithelial cyst (origin = intestine). G2 = necrosis of mesenteric fat.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Spleen	Deformity, G2/ G2 = accessory spleen; 25 mm x 12 mm x 8 mm.	Tissue is unremarkable.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 541	Group: B5M	
Day of Death: 735	Terminal Body Weight: 544.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Prostate	No gross observed on tissue.	Inflammation, moderate.
Spleen	Enlarged, G1/ G1 = 60 mm x 12 mm x 8 mm.	Extramedullary hematopoiesis (emh), mild. Note: G1 = emh.
Testis	No gross observed on tissue.	Atrophy, unilateral, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 542	Group: B5M	
Day of Death: 735	Terminal Body Weight: 437.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Testis	Enlarged, left, yellow, G1/ G1 = 2x.	B-adenoma, interstitial cell, mortality independent. Note: G1 = interstitial cell adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 543	Group: B5M	
Day of Death: 735	Terminal Body Weight: 462.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	Enlarged, bile duct, pale, G1/ G1 = 5x.	Hyperplasia, bile duct, mild. Dilatation, bile duct, present. Note: G1 = bile duct dilatation.
Lung	No gross observed on tissue.	Inflammation, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 544	Group: B5M	
Day of Death: 735	Terminal Body Weight: 475.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Bone Marrow	No gross observed on tissue.	Marrow lipomatosis, moderate.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal. Fibrosis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 545	Group: B5M	
Day of Death: 737	Terminal Body Weight: 461.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Eye	Discoloration(s), right, white, G3.	Cataract, moderate. Atrophy, retina, marked. Note: G3 = cataract.
Kidney	No gross observed on tissue.	Hydronephrosis, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	Crust(s), hindlimb, brown, G1/ 12 x 8 x 4 mm, foot pad. Crust(s), hindlimb, brown, G2/ 7x7x2 mm, foot pad.	Ulcer, epidermis, marked. Inflammation, moderate. Note: G1 = ulceration, G2 = inflammation.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 546	Group: B5M	
Day of Death: 737	Terminal Body Weight: 398.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Zymbal's Gland	Mass, left, dark, G1/ 35x25x15 mm, ulcerated.	M-carcinoma, squamous cell, mortality independent.
	Mass, tan, left, G2/ 12x6x6 mm.	Note: G1, G2 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 547	Group: B5M	
Day of Death: 737	Terminal Body Weight: 455.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 548	Group: B5M	
Day of Death: 737	Terminal Body Weight: 425.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 549	Group: B5M	
Day of Death: 737	Terminal Body Weight: 378.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 550	Group: B5M	
Day of Death: 737	Terminal Body Weight: 398.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Brain	No gross observed on tissue.	B-granular cell tumor, mortality independent.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.
Stomach	Mass, forestomach, tan, G1/ 12x10x8 mm.	Ulcer, non-glandular, marked.
		Inflammation, non-glandular, marked.
		Note: G1 = ulcer and inflammation.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 551	Group: B5M	
Day of Death: 737	Terminal Body Weight: 432.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Testis	Small, right, G1/ G1 = 0.5x.	Atrophy, unilateral, moderate. Note: G1 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 552	Group: B5M	
Day of Death: 737	Terminal Body Weight: 549.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 553	Group: B5M	
Day of Death: 739	Terminal Body Weight: 447.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, eosinophilic, present. Lipidosis, focal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Testis	Small, right, dark, G1/ 0.5x.	Atrophy, unilateral, moderate. Note: G1 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 554	Group: B5M	
Day of Death: 739	Terminal Body Weight: 516.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate. Vacuolization, cytoplasm, cortex, moderate.
Bone Marrow	No gross observed on tissue.	Marrow lipomatosis, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	Focus, multiple, white, G1/ up to 3x3 mm affects all lobes.	Alveolar macrophages, increased, moderate. Note: G1 = alveolar macrophages.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 555	Group: B5M	
Day of Death: 739	Terminal Body Weight: 502.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Lipidosis, focal, mild.
Lung	No gross observed on tissue.	Inflammation, minimal.
Mammary Gland	Mass, thoracic, mottled, G1/ 83x65x33 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 556	Group: B5M	
Day of Death: 739	Terminal Body Weight: 479.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Epididymis	No gross observed on tissue.	M-mesothelioma, mortality independent.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Skin	Crust(s), hindlimb, bilateral, tan, G1/ up to 7x5 mm.	Inflammation, moderate. Note: G1 = inflammation.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.
Testis	No gross observed on tissue.	Atrophy, bilateral, mild.
Tongue	Focus, dark, G2/ 4x4 mm.	Hyperplasia, mucosal epithelium, mild. Note: G2 = mucosal epithelial hyperplasia.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 557	Group: B5M	
Day of Death: 739	Terminal Body Weight: 447.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Inflammation, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Pancreas	No gross observed on tissue.	Hyperplasia, islet cell, mild.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 558	Group: B5M	
Day of Death: 739	Terminal Body Weight: 423.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	Enlarged, multiple, red, G2/ 7x6x3 mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Skin	Crust(s), lateral, dark, G1/ 10x8 mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal. B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 559	Group: B5M	
Day of Death: 739	Terminal Body Weight: 442.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	M-carcinoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 560	Group: B5M	
Day of Death: 739	Terminal Body Weight: 360.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Epididymis	Nodule, bilateral, multiple, tan, G1/ up to 2x2 mm.	M-mesothelioma, mortality independent. Note: G1 = malignant mesothelioma.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 561	Group: B5M	
Day of Death: 743	Terminal Body Weight: 463.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present. Fibrosis, minimal.
Pharynx	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node; Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 562	Group: B5M	
Day of Death: 743	Terminal Body Weight: 481.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Prostate	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 563	Group: B5M	
Day of Death: 672	Terminal Body Weight: 333.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Pituitary Gland	Enlarged, dark, G1/ 10x8x8 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.
Stomach	No gross observed on tissue.	Inflammation, non-glandular, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 564	Group: B5M	
Day of Death: 743	Terminal Body Weight: 409.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Inflammation, minimal. Fibrosis, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 565	Group: B5M	
Day of Death: 743	Terminal Body Weight: 538.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present. Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent. Note: follicular adenoma = cystic.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 566	Group: B5M	
Day of Death: 743	Terminal Body Weight: 457.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pharynx	No gross observed on tissue.	Tissue is unremarkable. Note: focal fibrous osteodystrophy noted in slide 4.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Stomach	No gross observed on tissue.	Hyperplasia, mucosa, non-glandular, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 567	Group: B5M	
Day of Death: 552	Terminal Body Weight: 485.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, moderate.
Liver	No gross observed on tissue.	Focus, eosinophilic, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Lymph Node, Mesenteric	Enlarged, dark, G1/ 45x25x15 mm, dark red.	M-hemangiosarcoma, definitely fatal. Note: G1 = hemangiosarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 568	Group: B5M	
Day of Death: 743	Terminal Body Weight: 430.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, minimal.
Liver	No gross observed on tissue.	Focus, eosinophilic, present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 569	Group: B5M	
Day of Death: 745	Terminal Body Weight: 481.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild. Hyperplasia, alveolar epithelium, moderate.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 570	Group: B5M	
Day of Death: 745	Terminal Body Weight: 591.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Prostate	No gross observed on tissue.	Inflammation, moderate.
Skin	Abrasion, hindlimb, right, dark, G1.	Inflammation, moderate. Note: G1 = inflammation.
Testis	Fluid, right, G2/ right testis has liquefactive necrosis.	B-adenoma, interstitial cell, mortality independent. Note: G2 = interstitial cell adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 571	Group: B5M	
Day of Death: 745	Terminal Body Weight: 456.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, mixed cell, present.
Parathyroid	No gross observed on tissue.	Hyperplasia, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Spleen	No gross observed on tissue.	B-hemangioma, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 572	Group: B5M	
Day of Death: 745	Terminal Body Weight: 552.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 573	Group: B5M	
Day of Death: 745	Terminal Body Weight: 437.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	M-carcinoma, bronchiolar-alveolar, mortality independent.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Testis	Fluid, bilateral, G1/ bilateral liquefactive necrosis.	Atrophy, bilateral, marked. Note: G1 = atrophy.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 574	Group: B5M	
Day of Death: 745	Terminal Body Weight: 471.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Testis	No gross observed on tissue.	Atrophy, unilateral, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 575	Group: B5M	
Day of Death: 745	Terminal Body Weight: 489.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Inflammation, minimal. Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Stomach	No gross observed on tissue.	Mineralization, minimal.
Testis	No gross observed on tissue.	B-adenoma, interstitial cell, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 576	Group: B5M	
Day of Death: 745	Terminal Body Weight: 474.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 577	Group: B5M	
Day of Death: 745	Terminal Body Weight: 493.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Brain	No gross observed on tissue.	M-astrocytoma, mortality independent.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Lipidosis, multifocal, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Stomach	No gross observed on tissue.	Mineralization, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 578	Group: B5M	
Day of Death: 745	Terminal Body Weight: 540.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild.
Kidney	No gross observed on tissue.	Hydronephrosis, mild. Inflammation, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent. B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 579	Group: B5M	
Day of Death: 619	Terminal Body Weight: 290.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Epididymis	No gross observed on tissue.	Inflammation, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	Enlarged, dark, G1/ 8x6x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Testis	No gross observed on tissue.	Atrophy, bilateral, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 580	Group: B5M	
Day of Death: 746	Terminal Body Weight: 478.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 621	Group: E0.2M	
Day of Death: 729	Terminal Body Weight: 598.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Infarct, chronic, mild.
Liver	No gross observed on tissue.	Telangiectasis, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Testis	Small, bilateral, G1/ G1 size = 0.5x.	Atrophy, bilateral, moderate. Note: G1 = atrophy.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 622	Group: E0.2M	
Day of Death: 729	Terminal Body Weight: 614.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, marked.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Inflammation, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Skin	Crust(s), pedal (foot), red, left, G1/ G1 size = 6x6mm.	Inflammation, moderate. Note: G1 = inflammation.
Thyroid Gland	Enlarged, right, G2/ G2 size = 3x.	Hyperplasia, follicular cell, moderate. B-adenoma, follicular cell, mortality independent. B-adenoma, c-cell, mortality independent. Note: G2 = adenoma, follicular cell and adenoma, c-cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 623	Group: E0.2M	
Day of Death: 729	Terminal Body Weight: 576.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, mixed cell, present.
Lung	Focus, multiple, white, G1/ up to 1x1 mm.	Alveolar macrophages, increased, mild. Inflammation, minimal. Note: G1 = increased alveolar macrophages.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 624	Group: E0.2M	
Day of Death: 729	Terminal Body Weight: 621.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Lipidosis, focal, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, moderate.
Skin	Crust(s), dorsal, red, G1/ G1 size = 7x4mm.	Inflammation, moderate. Note: G1 = inflammation.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 625	Group: E0.2M	
Day of Death: 513	Terminal Body Weight: 317.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	Enlarged, dark, G1/ 13x10x6 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Stomach	No gross observed on tissue.	Inflammation, non-glandular, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 626	Group: E0.2M	
Day of Death: 729	Terminal Body Weight: 553.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Preputial Gland	No gross observed on tissue.	Inflammation, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 627	Group: E0.2M	
Day of Death: 729	Terminal Body Weight: 575.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 628	Group: E0.2M	
Day of Death: 729	Terminal Body Weight: 540.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	Enlarged, mottled, G1/ G1 size = 7x5x5mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Prostate	No gross observed on tissue.	Inflammation, minimal. Hyperplasia, duct epithelium, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 629	Group: E0.2M	
Day of Death: 731	Terminal Body Weight: 652.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Mammary Gland	Mass, thoracic, tan, left, G1/ G1 size = 52x45x35mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pituitary Gland	Enlarged, red, G2/ G2 size = 7x6x5mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 630	Group: E0.2M	
Day of Death: 731	Terminal Body Weight: 607.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Testis	Enlarged, right, G1/ G1 size = 40x20x20mm, G1 contains clear fluid.	Atrophy, bilateral, moderate. Edema, interstitium, moderate.
	Enlarged, left, G2/ G2 size = 30x15x15mm, G2 contains clear fluid.	Note: G1, G2 = atrophy and edema.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 631	Group: E0.2M	
Day of Death: 731	Terminal Body Weight: 603.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Skin	Crust(s), pedal (foot), dark, left, G1/ G1 = 11x9mm. Crust(s), pedal (foot), dark, right, G2/ G2 size = 21x15mm.	Ulcer, epidermis, moderate. Note: G1, G2 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 632	Group: E0.2M	
Day of Death: 731	Terminal Body Weight: 471.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Nose/Turbinates	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 633	Group: E0.2M	
Day of Death: 731	Terminal Body Weight: 553.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Stomach	No gross observed on tissue.	Dysplasia, non-glandular epithelium, minimal.
Testis	Enlarged, right, G1/ G1 size = 38x21x17mm, G1 contains clear fluid.	Atrophy, unilateral, mild. Edema, interstitium, moderate. Note: G1 = atrophy and edema.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 634	Group: E0.2M	
Day of Death: 731	Terminal Body Weight: 635.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Inflammation, minimal. Lipidosis, multifocal, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 635	Group: E0.2M	
Day of Death: 735	Terminal Body Weight: 582.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lymph Node, Mesenteric	No gross observed on tissue.	Cystic degeneration, mild.
Pancreas	No gross observed on tissue.	Hyperplasia, acinar cell, marked.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal. Hyperplasia, c-cell, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 636	Group: E0.2M	
Day of Death: 735	Terminal Body Weight: 607.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, mild.
Liver	No gross observed on tissue.	Focus, mixed cell, present. Lipidosis, multifocal, minimal.
Lung	Discoloration(s), diaphragmatic lobe, right, dark, firm, G1/ G1 = 10 x 7 mm.	Hyperplasia, alveolar epithelium, minimal. B-adenoma, bronchiolar-alveolar, mortality independent. Note: G1 = adenoma.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 637	Group: E0.2M	
Day of Death: 735	Terminal Body Weight: 480.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Hydronephrosis, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 638	Group: E0.2M	
Day of Death: 735	Terminal Body Weight: 554.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Skin	Crust(s), hindlimb, dark, right, G1/ G1 = 15 x 15 mm.	Ulcer, epidermis, moderate. Note: G1 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 639	Group: E0.2M	
Day of Death: 735	Terminal Body Weight: 413.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Lung	Focus, multiple, pale, G3/ G3 = up to 3 x 3 mm. All lobes affected.	Alveolar macrophages, increased, mild. Note: G3 = increased alveolar macrophages.
Pituitary Gland	Enlarged, mottled, G4/ G4 = 8 x 7 x 6 mm.	B-adenoma, pars distalis, mortality independent. Note: G4 = adenoma, pd.
Skin	Crust(s), hindlimb, dark, right, G1/ G1 = 10 x 8 x 5 mm. Crust(s), hindlimb, dark, left, G2/ G2 = 7 x 5 x 4 mm.	Ulcer, epidermis, moderate. Note: G1, G2 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 640	Group: E0.2M	
Day of Death: 735	Terminal Body Weight: 583.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	B-hemangioma, mortality independent.
Pituitary Gland	Enlarged, dark, G3/ G3 = 3x.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Skin	Crust(s), hindlimb, dark, left, G1/ G1 = 12 x 12 mm. Crust(s), hindlimb, dark, right, G2/ G2 = 4 x 4 mm.	Ulcer, epidermis, moderate. Note: G1, G2 = ulcer.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 641	Group: E0.2M	
Day of Death: 724	Terminal Body Weight: 570.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	Enlarged, 3 x, mottled, G1.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 642	Group: E0.2M	
Day of Death: 732	Terminal Body Weight: 490.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, mild.
Eye	Enlarged, right, 2 x, tan, G2/ right harderian gland involved in G2.	Atrophy/degeneration, marked. Inflammation, periocular, marked. Note: G2 = periocular inflammation.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Inflammation, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	M-hemangiosarcoma, definitely fatal.
Parathyroid	No gross observed on tissue.	Hyperplasia, minimal.
Skin	Crust(s), hindlimb, left, red, 5 x 4 mm, G1.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 643	Group: E0.2M	
Day of Death: 735	Terminal Body Weight: 505.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars intermedia, mortality independent.
Testis	No gross observed on tissue.	Atrophy, unilateral, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 644	Group: E0.2M	
Day of Death: 735	Terminal Body Weight: 577.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	Tissue is missing.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Skin	Mass, labial (lip), pale, G2/ G2 = 6 x 5 x 3 mm.	B-adenoma, basal cell, mortality independent. Note: G2 = adenoma, basal cell.
Testis	Enlarged, right, G1/ G1 = 2x.	Atrophy, unilateral, moderate. Edema, interstitium, mild. Note: G1 = edema.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal. B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 645	Group: E0.2M	
Day of Death: 737	Terminal Body Weight: 412.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Testis	No gross observed on tissue.	Atrophy, unilateral, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 646	Group: E0.2M	
Day of Death: 420	Terminal Body Weight: 323.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Pituitary Gland	Enlarged, 10 x 8 x 7 mm, red, G2.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.
Prostate	No gross observed on tissue.	Inflammation, mild.
Skin	Nodule, dorsal, 6 x 5 x 2 mm, tan, G1/ nodule has a 2x2 mm red ulcer/crust which was the in-life observation.	B-adenoma, basal cell, definitely incidental. Note: G1 = adenoma, basal cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 647	Group: E0.2M	
Day of Death: 737	Terminal Body Weight: 587.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Inflammation, moderate.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	Focus, multiple, pale, G4/ G4 = up to 3 x 3 mm. All lobes affected.	Alveolar macrophages, increased, moderate. Note: G4 = increased alveolar macrophages.
Lymph Node, Other	Enlarged, cervical, left, tan, G3/ G3 = 3x.	Cystic degeneration, moderate. Note: G3 = cystic degeneration.
Nose/Turbinates	No gross observed on tissue.	Inflammation, mild.
Pituitary Gland	Enlarged, dark, G2/ G2 = 2x.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Skin	Mass, facial, left, tan, caseous, G1/ G1 = 35 x 30 x 30 mm. Filled with exudate.	Inflammation, marked. Note: G1 = inflammation.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 648	Group: E0.2M	
Day of Death: 737	Terminal Body Weight: 521.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	Crust(s), hindlimb, bilateral, dark, G1/ G1 = up to 5 x 4 mm.	Inflammation, moderate. Note: G1 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 649	Group: E0.2M	
Day of Death: 691	Terminal Body Weight: 365.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, mild.
Penis	Enlarged, mottled, G3/ 2x.	Inflammation, minimal. M-lymphoma, epitheliotropic, definitely fatal. Note: G3 = lymphoma.
Skin	Crust(s), hindlimb, red, bilateral, G1/ 3x3x3 mm.	Ulcer, epidermis, moderate. Note: G1 = ulcer.
Testis	Small, right, mottled, G2/ 0.5x.	Atrophy, unilateral, moderate. Note: G2 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 650	Group: E0.2M	
Day of Death: 737	Terminal Body Weight: 542.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	Dilatation, bile duct, clear, G2/ G2 = 15 mm diameter. Affects a 20 mm length.	Dilatation, bile duct, present. Note: G2 = dilatation, bile duct.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Preputial Gland	Enlarged, right, green, caseous, G1/ G1 = 4x.	Inflammation, marked. Note: G1 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 651	Group: E0.2M	
Day of Death: 737	Terminal Body Weight: 520.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	Enlarged, dark, G2/ G2 = 8 x 6 x 6 mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Skin	Crust(s), hindlimb, right, dark, G1/ G1 = 5 x 5 mm.	Ulcer, epidermis, mild. Note: G1 = ulcer.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 652	Group: E0.2M	
Day of Death: 737	Terminal Body Weight: 636.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate. Extramedullary hematopoiesis (emh), minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	Dilatation, pelvis, right, G4/ G4 = 7 mm diameter.	Hydronephrosis, mild. Note: G4 = hydronephrosis.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Crust(s), hindlimb, left, dark, G1/ G1 = 15 x 15 mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Testis	Small, left, G2/ G2 = 0.25x. Discoloration(s), right, mottled, G3.	Atrophy, unilateral, mild. Edema, interstitium, mild. Note: G2 = atrophy, G3 = edema.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 653	Group: E0.2M	
Day of Death: 739	Terminal Body Weight: 400.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	Mass, tan, G1/ 7x7x6 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 654	Group: E0.2M	
Day of Death: 739	Terminal Body Weight: 612.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Hyperplasia, alveolar epithelium, moderate.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Nodule, red, granular, G2/ 2x2 mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Skin	Abrasion, pedal (foot), right, dark, G1/ 2x1 mm.	Inflammation, moderate. Note: G1 = inflammation.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 655	Group: E0.2M	
Day of Death: 739	Terminal Body Weight: 513.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, right, G1/ 15x9x7 mm.	B-pheochromocytoma, mortality independent. Note: G1 = pheochromocytoma.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 656	Group: E0.2M	
Day of Death: 739	Terminal Body Weight: 483.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Jejunum	Mass, tan, G2/ 50x30x20 mm.	Ulcer, marked. Inflammation, marked. Hyperplasia, lymphoid, submucosa, mild. Note: G2 = ulcer and inflammation.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Spleen	Enlarged, G1/ 57x17x17 mm.	Extramedullary hematopoiesis (emh), moderate. Hyperplasia, plasma cell, mild. Note: G1 = emh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 657	Group: E0.2M	
Day of Death: 739	Terminal Body Weight: 683.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Nose/Turbinates	No gross observed on tissue.	Inflammation, mild.
Pancreas	No gross observed on tissue.	B-islet cell tumor, mortality independent.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars intermedia, mild.
Skin	Crust(s), pedal (foot), dark, G1/ 7x6 mm.	Ulcer, epidermis, moderate. Note: G1 = ulcer.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 658	Group: E0.2M	
Day of Death: 739	Terminal Body Weight: 614.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Hyperplasia, alveolar epithelium, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 659	Group: E0.2M	
Day of Death: 739	Terminal Body Weight: 603.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	Nodule, dark, G1/ 4x4x1 mm.	Hyperplasia, pars distalis, moderate. Note: G1 = hyperplasia, pars distalis.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 660	Group: E0.2M	
Day of Death: 739	Terminal Body Weight: 544.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	Crust(s), pedal (foot), bilateral, dark, G1/ up to 7x5 mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 661	Group: E0.2M	
Day of Death: 681	Terminal Body Weight: 438.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Harderian Gland	No gross observed on tissue.	Hyperplasia, glandular epithelium, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, red, G1/ 11x7x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 662	Group: E0.2M	
Day of Death: 87		
Tissue	Gross Observation(s)	Microscopic Observation(s)

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 663	Group: E0.2M	
Day of Death: 743	Terminal Body Weight: 599.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Lung	Focus, multiple, white, G1/ up to 2x2 mm.	Alveolar macrophages, increased, mild. Note: G1 = increased alveolar macrophages.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 664	Group: E0.2M	
Day of Death: 743	Terminal Body Weight: 576.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Jejunum	Diverticulum, wall, G3/ G3 = 8 x 8 x 8 mm.	Diverticulum, present. Note: G3 = diverticulum.
Kidney	Cyst(s), left, clear, G2/ G2 = 7 mm ³ .	Nephropathy, minimal. Inflammation, mild. Cyst(s), tubular, mild. Note: G2 = cyst.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Skin	Crust(s), hindlimb, dark, left, G1/ 10x7 mm.	Ulcer, epidermis, moderate. Note: G1 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 665	Group: E0.2M	
Day of Death: 743	Terminal Body Weight: 484.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 666	Group: E0.2M	
Day of Death: 743	Terminal Body Weight: 508.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 667	Group: E0.2M	
Day of Death: 743	Terminal Body Weight: 487.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Mammary Gland	Mass, thoracic, left, mottled, G1/ G1 = 80 x 60 x 50 mm.	Tissue is unremarkable. Note: G1 = coded as skin.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Skin	No gross observed on tissue.	B-granular cell tumor, mortality independent. Note: G1 = granular cell tumor.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 668	Group: E0.2M	
Day of Death: 743	Terminal Body Weight: 331.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	Enlarged, red, G1/ G1 = 14 x 12 x 6 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Skin	Crust(s), caudal (tail), dark, G3/ 4x3 mm.	Ulcer, epidermis, mild. Note: G3 = ulcer.
Testis	Small, bilateral, G2/ G2 = 0.5x.	Atrophy, bilateral, moderate. Note: G2 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 669	Group: E0.2M	
Day of Death: 745	Terminal Body Weight: 520.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal.
Nose/Turbinates	No gross observed on tissue.	B-adenoma, mortality independent.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 670	Group: E0.2M	
Day of Death: 745	Terminal Body Weight: 519.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hyperplasia, medulla, minimal.
Harderian Gland	No gross observed on tissue.	Hyperplasia, glandular epithelium, mild.
Heart	No gross observed on tissue.	B-schwannoma, endocardial, mortality independent.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Prostate	No gross observed on tissue.	Inflammation, mild.
Skin	Abrasion, hindlimb, bilateral, dark, G1.	Ulcer, epidermis, moderate. Note: G1 = ulcer.
Testis	Fluid, right, G2/ right testis has liquefactive necrosis.	Atrophy, unilateral, mild. Edema, interstitium, moderate. Note: G2 = edema.
Thyroid Gland	No gross observed on tissue.	Tissue is unremarkable. Note: one thyroid gland = missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 671	Group: E0.2M	
Day of Death: 745	Terminal Body Weight: 667.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Inflammation, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	M-hemangiosarcoma, mortality independent.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 672	Group: E0.2M	
Day of Death: 745	Terminal Body Weight: 638.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Colon	No gross observed on tissue.	Metazoan parasite, lumen, present. Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present. Lipidosis, multifocal, minimal.
Testis	Fluid, left, G1/ liquefactive necrosis.	Atrophy, bilateral, moderate. Edema, interstitium, moderate. Note: G1 = edema.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 673	Group: E0.2M	
Day of Death: 745	Terminal Body Weight: 534.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	B-schwannoma, endocardial, mortality independent.
Skin	Abrasion, hindlimb, bilateral, dark, G1.	Inflammation, mild.
		Note: G1 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 674	Group: E0.2M	
Day of Death: 745	Terminal Body Weight: 489.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 675	Group: E0.2M	
Day of Death: 424	Terminal Body Weight: 351.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G1/ 10x7x6 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Prostate	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 676	Group: E0.2M	
Day of Death: 745	Terminal Body Weight: 507.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Inflammation, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Skin	Abrasion, hindlimb, right, dark, G1.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Testis	No gross observed on tissue.	Atrophy, unilateral, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 677	Group: E0.2M	
Day of Death: 745	Terminal Body Weight: 532.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Skin	Abrasion, hindlimb, bilateral, G1/ left = tan; right = dark.	Ulcer, epidermis, moderate. Inflammation, mild. Note: G1 = ulcer and inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 678	Group: E0.2M	
Day of Death: 745	Terminal Body Weight: 523.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	Cyst(s), right, 6 x 6 x 6 mm, clear, G1.	Nephropathy, minimal. Inflammation, minimal. B-adenoma, tubular, mortality independent. Note: G1 = adenoma.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Nose/Turbinates	No gross observed on tissue.	Inflammation, minimal. Squamous metaplasia (respiratory epithelium), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 679	Group: E0.2M	
Day of Death: 668	Terminal Body Weight: 606.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, mild.
Lymph Node, Mesenteric	No gross observed on tissue.	B-hemangioma, definitely fatal.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Skin	Crust(s), hindlimb, left, red, G1/ 8x6 mm.	Ulcer, epidermis, marked.
	Crust(s), hindlimb, right, red, G2/ 9x7 mm.	Note: G1, G2 = ulcer.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 680	Group: E0.2M	
Day of Death: 240	Terminal Body Weight: 347.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Bone Marrow	No gross observed on tissue.	M-histiocytic sarcoma, definitely fatal.
Eye	Discoloration(s), right, G2/ opaque.	Hemorrhage, anterior chamber, mild. Note: G2 = hemorrhage.
Liver	Discoloration(s), diffuse, pale, G1.	Hyperplasia, bile duct, minimal. Lipidosis, diffuse, mild. Degeneration, hepatocyte, mild. M-histiocytic sarcoma, definitely incidental. Note: G1 = histiocytic sarcoma.
Lung	No gross observed on tissue.	Inflammation, mild.
Lymph Node, Mesenteric	Enlarged, red, G3/ 2x.	M-histiocytic sarcoma, definitely incidental. Note: G3 = histiocytic sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 721	Group: E2M	
Day of Death: 729	Terminal Body Weight: 432.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	B-adenoma, bronchiolar-alveolar, mortality independent.
Lymph Node, Mesenteric	No gross observed on tissue.	B-hemangioma, mortality independent.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Skin	Mass, pedal (foot), red, left, G1/ G1 size = 12x8x3mm, G1 has a superficial crust.	Ulcer, epidermis, marked. Note: G1 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 722	Group: E2M	
Day of Death: 729	Terminal Body Weight: 501.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Skin	Crust(s), dorsal, tan, G1/ G1 size = 10x7mm.	Hyperplasia, epidermis, marked. Note: G1 = hyperplasia, epidermis.
Testis	No gross observed on tissue.	Atrophy, unilateral, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 723	Group: E2M	
Day of Death: 729	Terminal Body Weight: 523.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Harderian Gland	No gross observed on tissue.	Hyperplasia, glandular epithelium, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Lipidosis, focal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	Nodule, dark, G1/ G1 size = 2x2x1mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Rectum	No gross observed on tissue.	Lymphoid hyperplasia, submucosa, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 724	Group: E2M	
Day of Death: 729	Terminal Body Weight: 450.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	Mass, anterior, mottled, G2/ G2 size = 25x10x8mm. Mass, median lobe, G3/ G3 = 8x7x7mm.	Focus, clear cell, present. Hyperplasia, bile duct, minimal. Lipidosis, multifocal, mild. Hepatodiaphragmatic nodule (hdn), present. Hyperplasia, nodular, hepatocyte, mild. Note: G2 = hdn, G3 = nodular hyperplasia.
Pituitary Gland	Enlarged, mottled, G1/ G1 size = 3x.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 725	Group: E2M	
Day of Death: 729	Terminal Body Weight: 445.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 726	Group: E2M	
Day of Death: 729	Terminal Body Weight: 408.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Parathyroid	No gross observed on tissue.	Tissue is unremarkable. Note: one parathyroid gland = missing.
Thyroid Gland	No gross observed on tissue.	Tissue is unremarkable. Note: one thyroid gland = missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 727	Group: E2M	
Day of Death: 729	Terminal Body Weight: 532.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild. Inflammation, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal. Inflammation, minimal. Hyperplasia, alveolar epithelium, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 728	Group: E2M	
Day of Death: 672	Terminal Body Weight: 600.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	Focus, left, pale, G1/ 3x3 mm.	Nephropathy, minimal. B-lipoma, definitely fatal. Note: G1 = lipoma.
Liver	No gross observed on tissue.	Focus, clear cell, present. Lipidosis, multifocal, minimal.
Skin	Nodule, pedal (foot), bilateral, tan, G2/ hindfeet, 4x4x2 mm.	Inflammation, mild. Note: G2 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 729	Group: E2M	
Day of Death: 731	Terminal Body Weight: 427.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 730	Group: E2M	
Day of Death: 731	Terminal Body Weight: 516.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pancreas	No gross observed on tissue.	B-islet cell tumor, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 731	Group: E2M	
Day of Death: 731	Terminal Body Weight: 518.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Stomach	No gross observed on tissue.	Inflammation, glandular, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 732	Group: E2M	
Day of Death: 731	Terminal Body Weight: 561.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Inflammation, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Stomach	No gross observed on tissue.	Inflammation, glandular, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 733	Group: E2M	
Day of Death: 731	Terminal Body Weight: 594.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hyperplasia, medulla, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal. Focus, basophilic cell, present. Focus, eosinophilic, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild. Inflammation, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 734	Group: E2M	
Day of Death: 731	Terminal Body Weight: 580.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, mixed cell, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	Enlarged, left, G1/ G1 size = 7x6x5mm.	B-adenoma, follicular cell, mortality independent. Note: G1 = adenoma, follicular cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 735	Group: E2M	
Day of Death: 735	Terminal Body Weight: 512.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Testis	Enlarged, right, clear, G1/ cystic.	Atrophy, unilateral, marked. Edema, interstitium, moderate. Note: G1 = atrophy and edema.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 736	Group: E2M	
Day of Death: 735	Terminal Body Weight: 596.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Harderian Gland	No gross observed on tissue.	Inflammation, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate. B-adenoma, pars intermedia, mortality independent.
Skin	No gross observed on tissue.	B-trichoepithelioma, mortality independent.
Testis	No gross observed on tissue.	Edema, interstitium, mild.
Thyroid Gland	Enlarged, right, G1/ G1 = 4x. Focus, left, red, G2/ G2 = 1mm x 1mm.	Hyperplasia, c-cell, minimal. B-adenoma, follicular cell, mortality independent. B-adenoma, c-cell, mortality independent. Note: G1 = adenoma, c-cell. G2 = adenoma, follicular cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 737	Group: E2M	
Day of Death: 735	Terminal Body Weight: 525.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Testis	No gross observed on tissue.	Edema, interstitium, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 738	Group: E2M	
Day of Death: 735	Terminal Body Weight: 579.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Inflammation, minimal.
Pancreas	No gross observed on tissue.	B-islet cell tumor, mortality independent.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal. Hyperplasia, pars intermedia, mild.
Thyroid Gland	Enlarged, bilateral, G1/ G1: left = 4x right = 2x.	M-carcinoma, follicular cell, mortality independent. Note: G1 = carcinoma, follicular cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 739	Group: E2M	
Day of Death: 735	Terminal Body Weight: 497.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Lymph Node, Mesenteric	No gross observed on tissue.	B-hemangioma, mortality independent.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Testis	Enlarged, bilateral, clear, G1/ G1 = 3x; cystic.	Edema, interstitium, mild. Note: G1 = edema.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 740	Group: E2M	
Day of Death: 735	Terminal Body Weight: 492.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	Crust(s), caudal (tail), dark, G1/ G1 = 4x3x2 mm.	Hyperplasia, epidermis, mild. B-keratoacanthoma, mortality independent.
	Crust(s), abdominal, dark, left, G2/ G2 = 13x11x8 mm.	Note: G1 = epidermal hyperplasia. G2 = keratoacanthoma.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 741	Group: E2M	
Day of Death: 735	Terminal Body Weight: 531.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Prostate	No gross observed on tissue.	Inflammation, minimal.
Testis	No gross observed on tissue.	Edema, interstitium, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 742	Group: E2M	
Day of Death: 735	Terminal Body Weight: 437.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Salivary Gland	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 743	Group: E2M	
Day of Death: 735	Terminal Body Weight: 467.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 744	Group: E2M	
Day of Death: 735	Terminal Body Weight: 374.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Cavity, Thoracic	Fluid, red, G1/ G1 = 10 mls. No section taken.	
Lung	Focus, left, pale, G2/ G2 = 3x3 mm. Nodule, diaphragmatic lobe, yellow, right, G3/ G3 = 5x5x4 mm. Nodules, multiple, pleura, pale, G4/ G4 = up to 2 x 2 x 2 mm. Affects parietal pleura and outer pericardium.	M-mesothelioma, mortality independent. Note: G2, G3, G4 = mesothelioma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Focus, dark, G5/ G5 = 1x1 mm.	Hyperplasia, pars distalis, mild. Note: G5 = hyperplasia, pars distalis.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 745	Group: E2M	
Day of Death: 737	Terminal Body Weight: 418.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 746	Group: E2M	
Day of Death: 737	Terminal Body Weight: 561.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 747	Group: E2M	
Day of Death: 737	Terminal Body Weight: 407.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Intestine, Large	Mass, anus, pale, G1/ G1 = 11x10x8 mm.	
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Rectum	No gross observed on tissue.	B-leiomyoma, mortality independent. Note: G1 = leiomyoma.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 748	Group: E2M	
Day of Death: 668	Terminal Body Weight: 419.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Epididymis	No gross observed on tissue.	M-mesothelioma, definitely incidental.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Mesentery	Nodule, fat, multiple, white, G1/ up to 2x2x2 mm.	M-mesothelioma, definitely incidental. Note: G1 = mesothelioma.
Pituitary Gland	Enlarged, red, G3/ 4x4x4 mm.	B-adenoma, pars distalis, definitely fatal. Note: G3 = adenoma, pd.
Testis	Cyst(s), bilateral, clear, G2/ fluid present in testes.	Edema, interstitium, mild. M-mesothelioma, definitely incidental. Note: G2 = mesothelioma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 749	Group: E2M	
Day of Death: 675	Terminal Body Weight: 269.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	Enlarged, G1/ mottled dark, 14x8x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Preputial Gland	No gross observed on tissue.	Tissue is missing.
Prostate	No gross observed on tissue.	Inflammation, mild.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 750	Group: E2M	
Day of Death: 737	Terminal Body Weight: 445.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	Enlarged, mottled, G2/ G2 = 8x8x6 mm.	M-carcinoma, pars distalis, mortality independent. Note: G2 = carcinoma, pd.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Testis	Discoloration(s), left, mottled, G1/ G1 = ulcerated. G1 = 10x10 mm.	B-adenoma, interstitial cell, mortality independent. Note: G1 = interstitial cell adenoma.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 751	Group: E2M	
Day of Death: 737	Terminal Body Weight: 525.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Colon	No gross observed on tissue.	Metazoan parasite, lumen, present.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Jejunum	Diverticulum, wall, G1/ G1 = 6x6x6 mm.	Diverticulum, present. Note: G1 = diverticulum.
Liver	No gross observed on tissue.	Focus, eosinophilic, present.
Oral Mucosa	No gross observed on tissue.	Cystic sebaceous gland, ectopic, present.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 752	Group: E2M	
Day of Death: 737	Terminal Body Weight: 555.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Salivary Gland	No gross observed on tissue.	B-schwannoma, mortality independent. Note: G1 = schwannoma.
Skin	Mass, cervical (neck), right, dark, G1/ G1 = 60x60x30 mm; fluid-filled. Crust(s), hindlimb, right, dark, G2/ G2 = 3x3 mm.	Inflammation, mild. Note: G1 = coded as salivary gland. G2 = inflammation.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 753	Group: E2M	
Day of Death: 739	Terminal Body Weight: 518.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Prostate	No gross observed on tissue.	Inflammation, mild.
Testis	No gross observed on tissue.	B-adenoma, interstitial cell, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 754	Group: E2M	
Day of Death: 546	Terminal Body Weight: 309.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	Enlarged, dark, G1/ 5x.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Stomach	Mass, forestomach, white, G2/ 15x10x8 mm.	Ulcer, non-glandular, marked. Note: G2 = ulcer.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal. B-adenoma, c-cell, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Testis; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 755	Group: E2M	
Day of Death: 609	Terminal Body Weight: 302.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, mottled, G1/ 8x7x5 mm.	B-adenoma, pars intermedia, definitely fatal. Note: G1 = adenoma, pd.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Prostate	No gross observed on tissue.	Inflammation, mild.
Salivary Gland	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Rectum; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 756	Group: E2M	
Day of Death: 739	Terminal Body Weight: 513.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal. Eosinophilic crystals, mild.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Stomach	No gross observed on tissue.	Mucosal cyst, non-glandular, present.
Testis	No gross observed on tissue.	Atrophy, unilateral, minimal. Edema, interstitium, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 757	Group: E2M	
Day of Death: 739	Terminal Body Weight: 597.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Pituitary Gland	No gross observed on tissue.	M-carcinoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 758	Group: E2M	
Day of Death: 739	Terminal Body Weight: 552.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Epididymis	Enlarged, left, pale, G2/ 4x.	Inflammation, marked. Note: G2 = inflammation.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Inflammation, mild.
Mammary Gland	Mass, abdominal, right, tan, G1/ 45x35x20 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 759	Group: E2M	
Day of Death: 668	Terminal Body Weight: 464.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Zymbal's Gland	Mass, left, tan, G1/ 20x20x20 mm, G1 = ulcerated.	M-carcinoma, squamous cell, definitely fatal. Note: G1 = carcinoma, squamous cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 760	Group: E2M	
Day of Death: 739	Terminal Body Weight: 350.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	Enlarged, G1/ 10x8x7 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Urinary Bladder	No gross observed on tissue.	Hyperplasia, transitional epithelium, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 761	Group: E2M	
Day of Death: 743	Terminal Body Weight: 448.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate. Hypertrophy, cortex, minimal. Hyperplasia, spindle cell, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Skin	Crust(s), hindlimb, brown, bilateral, G1/ 10x9 mm, footpad.	Ulcer, epidermis, marked. Note: G1 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 762	Group: E2M	
Day of Death: 743	Terminal Body Weight: 433.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 763	Group: E2M	
Day of Death: 743	Terminal Body Weight: 394.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lymph Node, Mandibular	Enlarged, bilateral, pale, G1/ G1 = 3x.	Cystic degeneration, moderate. Note: G1 = cystic degeneration.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Prostate	No gross observed on tissue.	Inflammation, mild.
Rectum	No gross observed on tissue.	Lymphoid hyperplasia, submucosa, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 764	Group: E2M	
Day of Death: 743	Terminal Body Weight: 605.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Prostate	No gross observed on tissue.	B-adenoma, mortality independent.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 765	Group: E2M	
Day of Death: 743	Terminal Body Weight: 567.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Hydronephrosis, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, right, tan, G1/ G1 = 90x70x55 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 766	Group: E2M	
Day of Death: 743	Terminal Body Weight: 412.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	Crust(s), dorsal, dark, G1/ 2x2 mm.	Hyperplasia, epidermis, mild.
		Note: G1 = hyperplasia, epidermis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 767	Group: E2M	
Day of Death: 479	Terminal Body Weight: 338.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Stomach	No gross observed on tissue.	Hyperplasia, mucosa, non-glandular, mild.
Tongue	Mass, tan, G1/ 15x10x10 mm.	M-carcinoma, squamous cell, definitely fatal. Note: G1 = carcinoma, squamous cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Thyroid Gland; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 768	Group: E2M	
Day of Death: 743	Terminal Body Weight: 409.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Skeletal Muscle	Reduced mass, hindlimb, left, pale, depressed, G2/ G2 = quadriceps musculature fully atrophied.	Atrophy, moderate. Note: G2 = atrophy.
Skin	Crust(s), hindlimb, left, dark, G1/ G1 = 12x12 mm.	Ulcer, epidermis, marked. Note: G1 = ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 769	Group: E2M	
Day of Death: 641	Terminal Body Weight: 284.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lymph Node, Mesenteric	Enlarged, dark, G1/ 5x.	B-hemangioma, definitely incidental. Note: G1 = hemangioma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G2/ 10x9x8 mm.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.
Stomach	No gross observed on tissue.	Ulcer, non-glandular, marked.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 770	Group: E2M	
Day of Death: 745	Terminal Body Weight: 427.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Skin	Abrasion, hindlimb, left, dark, G1.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Thymus	No gross observed on tissue.	Tissue is missing.
Tooth	Mass, molar, white, G2/ left, 18x15x9 mm.	Inflammation, marked. Note: G2 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 771	Group: E2M	
Day of Death: 745	Terminal Body Weight: 514.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal.
Skin	Abrasion, hindlimb, bilateral, G1/ right side = dark crust, left = tan crust, swelling.	Ulcer, epidermis, marked. Inflammation, moderate. Note: G1 = inflammation and ulcer.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 772	Group: E2M	
Day of Death: 745	Terminal Body Weight: 597.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Telangiectasis, minimal.
Lung	No gross observed on tissue.	Hyperplasia, alveolar epithelium, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Abrasion, hindlimb, left, dark, G1.	Inflammation, mild. Note: G1 = inflammation.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 773	Group: E2M	
Day of Death: 678	Terminal Body Weight: 382.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	Enlarged, bilateral, G1/ 3x. Dilatation, pelvis, bilateral, G2/ 6x.	Nephropathy, moderate. Hydronephrosis, moderate. Inflammation, mild. Thrombosis, mild. Hemorrhage, moderate. Note: G1, G2 = hydronephrosis.
Lung	No gross observed on tissue.	Hyperplasia, alveolar epithelium, moderate.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Prostate	Mass, mottled, G4/ 30x25x25 mm, G4 also involves seminal vesicles.	M-carcinoma, definitely fatal. Note: G4 = carcinoma.
Ureter	Dilatation, bilateral, G3/ 3mm diameter.	Dilatation, present. Note: G3 = dilatation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 774	Group: E2M	
Day of Death: 745	Terminal Body Weight: 424.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Lipidosis, multifocal, minimal.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 775	Group: E2M	
Day of Death: 734	Terminal Body Weight: 431.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Seminal Vesicle	Small, bilateral, 0.5 x, G3.	Atrophy, moderate. Note: G3 = atrophy.
Spleen	Enlarged, diffuse, G1/ 70x15x10 mm.	Extramedullary hematopoiesis (emh), marked. Note: G1 = emh.
Stomach	No gross observed on tissue.	Ulcer, non-glandular, mild. Neuroendocrine tissue, ectopic, present.
Testis	Mass, right, mottled, G2/ 100x60x50 mm. G2 engulfs part of right epididymis; partly filled with dark fluid.	Atrophy, unilateral, moderate. M-leiomyosarcoma, definitely fatal. Note: G2 = leiomyosarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 776	Group: E2M	
Day of Death: 745	Terminal Body Weight: 439.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lung	Focus, multiple, tan, G2/ up to 2x2 mm, G2 involves all lobes.	Alveolar macrophages, increased, mild. Note: G2 = increased alveolar macrophages.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Abrasion, hindlimb, bilateral, dark, G1.	Ulcer, epidermis, marked. Note: G1 = ulcer.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 777	Group: E2M	
Day of Death: 745	Terminal Body Weight: 413.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Testis	Small, right, 0.5 x, G1.	Atrophy, unilateral, mild.
		Note: G1 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 778	Group: E2M	
Day of Death: 539	Terminal Body Weight: 614.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Lymph Node, Mediastinal	Enlarged, dark, G3/ 3x.	M-leiomyosarcoma, metastatic (testis), definitely incidental. Note: G3 = leiomyosarcoma, metastatic (testis).
Parathyroid	No gross observed on tissue.	Tissue is missing.
Spleen	Enlarged, G2/ 90x20x15 mm.	Extramedullary hematopoiesis (emh), marked. Note: G2 = emh.
Testis	Mass, right, mottled, G1/ 70x40x30 mm. G1 filled with fluid and involved right epididymis.	M-leiomyosarcoma, definitely fatal. Note: G1 = leiomyosarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 779	Group: E2M	
Day of Death: 746	Terminal Body Weight: 523.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Testis	No gross observed on tissue.	Atrophy, unilateral, marked. Edema, interstitium, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 780	Group: E2M	
Day of Death: 746	Terminal Body Weight: 608.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pharynx	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G1/ G1 = 5x5x5 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 821	Group: E5M	
Day of Death: 704	Terminal Body Weight: 432.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	F-lymphoma, definitely incidental.
Bone	Thick, green, G8/ calvarium, 5mm.	F-lymphoma, definitely incidental. Note: G8 = lymphoma.
Bone Marrow	No gross observed on tissue.	F-lymphoma, definitely incidental.
Brain	No gross observed on tissue.	F-lymphoma, definitely incidental.
Eye	No gross observed on tissue.	F-lymphoma, definitely incidental.
Harderian Gland	No gross observed on tissue.	F-lymphoma, definitely incidental.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	Discoloration(s), bilateral, diffuse, mottled, G5.	F-lymphoma, definitely fatal. Note: G5 = lymphoma.
Liver	No gross observed on tissue.	F-lymphoma, definitely incidental.
Lung	No gross observed on tissue.	F-lymphoma, definitely incidental.
Lymph Node, Mandibular	Enlarged, dark, bilateral, G6/ 3x.	F-lymphoma, definitely incidental. Note: G6 = lymphoma.
Lymph Node, Mediastinal	Enlarged, dark, G7/ 3x.	F-lymphoma, definitely incidental. Note: G7 = lymphoma.
Lymph Node, Mesenteric	Enlarged, dark, G10/ 3x.	F-lymphoma, definitely incidental. Note: G10 = lymphoma.
Lymph Node, Other	Enlarged, dark, bilateral, G3/ lumbar, 4x. Enlarged, renal, right, dark, G4/ 3x.	F-lymphoma, definitely incidental. Note: G3, G4 = lymphoma.
Pancreas	No gross observed on tissue.	F-lymphoma, definitely incidental.
Pituitary Gland	Discoloration(s), green, G9.	F-lymphoma, definitely incidental. Note: G9 = lymphoma.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal. F-lymphoma, definitely incidental.

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 821	Group: E5M	
Day of Death: 704	Terminal Body Weight: 432.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Salivary Gland	No gross observed on tissue.	F-lymphoma, definitely incidental.
Skin	Mass, labial (lip), mottled, G1/ 7x6x4 mm.	Inflammation, marked. Note: G1 = inflammation.
Spleen	Enlarged, G2/ 65x15x10 mm.	F-lymphoma, definitely incidental. Note: G2 = lymphoma.
Thymus	No gross observed on tissue.	F-lymphoma, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Cecum; Colon; Duodenum; Epididymis; Esophagus; Femur; Ileum; Jejunum; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Rectum; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 822	Group: E5M	
Day of Death: 712	Terminal Body Weight: 328.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	Enlarged, 11 x 9 x 9 mm, mottled, G1.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.
Stomach	No gross observed on tissue.	Inflammation, non-glandular, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 823	Group: E5M	
Day of Death: 729	Terminal Body Weight: 451.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present. Lipidosis, focal, minimal.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Skin	Crust(s), pedal (foot), red, left, G1/ G1 size = 7x7mm. Crust(s), pedal (foot), red, right, G2/ G2 size = 9x9mm.	Ulcer, epidermis, marked. Note: G1, G2 = epidermal ulceration.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 824	Group: E5M	
Day of Death: 729	Terminal Body Weight: 468.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Skin	Crust(s), dorsal, red, G1/ G1 size = 5x5mm.	Ulcer, epidermis, moderate. Note: G1 = epidermal ulcer.
Testis	Small, right, G2.	Atrophy, unilateral, moderate. Note: G2 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 825	Group: E5M	
Day of Death: 729	Terminal Body Weight: 419.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 826	Group: E5M	
Day of Death: 729	Terminal Body Weight: 424.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 827	Group: E5M	
Day of Death: 641	Terminal Body Weight: 384.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Cavity, Abdominal	Fluid, dark, G1/ ~30 ml.	
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lymph Node, Mediastinal	Enlarged, G4/ 2x.	Inflammation, mild. Note: G4 = inflammation.
Pancreas	Cyst(s), mottled, G3/ 40x35x25 mm.	Cyst(s), present. Hemorrhage, moderate. Note: G3 = cyst and hemorrhage.
Spleen	Enlarged, G2/ 72x20x10 mm.	Extramedullary hematopoiesis (emh), marked. Note: G2 = emh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 828	Group: E5M	
Day of Death: 729	Terminal Body Weight: 450.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Prostate	No gross observed on tissue.	Inflammation, mild. Hyperplasia, duct epithelium, minimal.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Testis	No gross observed on tissue.	Atrophy, bilateral, mild. B-adenoma, interstitial cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 829	Group: E5M	
Day of Death: 388	Terminal Body Weight: 468.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Inflammation, moderate.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 830	Group: E5M	
Day of Death: 731	Terminal Body Weight: 394.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	Enlarged, mottled, G1/ G1 size = 9x7x6mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pars distalis.
Prostate	No gross observed on tissue.	Inflammation, mild. Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 831	Group: E5M	
Day of Death: 731	Terminal Body Weight: 381.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	Dilatation, bile duct, G1/ G1 size = 10mm.	Dilatation, bile duct, present. Note: G1 = bile duct dilatation.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Testis	Discoloration(s), left, mottled, G2/ G2 contains clear fluid. Small, right, G3/ G3 size = 0.5x.	Atrophy, bilateral, moderate. Note: G2, G3 = atrophy.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 832	Group: E5M	
Day of Death: 731	Terminal Body Weight: 446.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Cecum	No gross observed on tissue.	Tissue is missing.
Colon	No gross observed on tissue.	Metazoan parasite, lumen, present.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 833	Group: E5M	
Day of Death: 731	Terminal Body Weight: 541.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Harderian Gland	No gross observed on tissue.	Inflammation, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal. Inflammation, minimal. Focus, eosinophilic, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Pituitary Gland	Enlarged, dark, G1/ G1 size = 7x7x5mm.	B-adenoma, pars intermedia, mortality independent. Note: G1 = adenoma, pars intermedia.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 834	Group: E5M	
Day of Death: 565	Terminal Body Weight: 367.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Bone Marrow	No gross observed on tissue.	F-lymphoma, definitely fatal. Infarct, marked.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild.
Nose/Turbinates	No gross observed on tissue.	Inflammation, mild.
Prostate	No gross observed on tissue.	Inflammation, moderate.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.
Urinary Bladder	No gross observed on tissue.	Inflammation, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 835	Group: E5M	
Day of Death: 735	Terminal Body Weight: 442.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	M-carcinoma, pars intermedia, mortality independent.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 836	Group: E5M	
Day of Death: 613	Terminal Body Weight: 324.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal.
Lymph Node, Mandibular	Enlarged, G3/ 3x.	Cystic degeneration, moderate. Note: G3 = cystic degeneration.
Lymph Node, Mediastinal	No gross observed on tissue.	Inflammation, marked.
Lymph Node, Mesenteric	Enlarged, tan, G5/ 3x.	Cystic degeneration, moderate. Note: G5 = cystic degeneration.
Lymph Node, Other	Enlarged, tan, G2/ 23x20x16 mm G2 = pancreatic lymph node. Enlarged, red, G4/ 4x G4=renal lymph node, bilateral.	Cystic degeneration, moderate. Note: G2 = inflammation, G4 = cystic degeneration.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Salivary Gland	No gross observed on tissue.	Inflammation, minimal.
Stomach	Thick, glandular, G6/ 3x.	Inflammation, glandular, moderate. Note: G6 = inflammation.
Testis	Discoloration(s), right, mottled, G1.	M-sarcoma, definitely fatal. Note: G1 = sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pharynx; Prostate; Rectum; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 837	Group: E5M	
Day of Death: 735	Terminal Body Weight: 498.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, mixed cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Crust(s), hindlimb, dark, left, G1/ G1 = 10 mm x 10 mm.	Ulcer, epidermis, marked. Note: G1 = epidermal ulceration.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 838	Group: E5M	
Day of Death: 735	Terminal Body Weight: 512.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pancreas	No gross observed on tissue.	Lipomatosis, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 839	Group: E5M	
Day of Death: 735	Terminal Body Weight: 414.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Preputial Gland	No gross observed on tissue.	Inflammation, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 840	Group: E5M	
Day of Death: 735	Terminal Body Weight: 419.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 841	Group: E5M	
Day of Death: 735	Terminal Body Weight: 434.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	Focus, median lobe, pale, G1/ G1 = 6 mm x 6 mm.	Focus, basophilic cell, present. B-adenoma, hepatocellular, mortality independent. Note: G1 = adenoma, hepatocellular.
Preputial Gland	No gross observed on tissue.	M-carcinoma, mortality independent.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 842	Group: E5M	
Day of Death: 735	Terminal Body Weight: 482.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Preputial Gland	No gross observed on tissue.	Inflammation, moderate.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 843	Group: E5M	
Day of Death: 613	Terminal Body Weight: 534.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Testis	Fluid, bilateral, red, G1/ 40 ml.	Tissue is unremarkable.
		Note: G1 = no section taken.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 844	Group: E5M	
Day of Death: 735	Terminal Body Weight: 436.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	Mass, right, mottled, G1/ G1 = 14 x 11 x 4 mm.	B-adenoma, tubular, mortality independent. B-lipoma, mortality independent. Note: G1 = lipoma.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 845	Group: E5M	
Day of Death: 580	Terminal Body Weight: 297.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G2/ 9x9x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pars distalis.
Preputial Gland	Enlarged, left, dark, G1/ 8x8x4 mm.	Cyst(s), present. Note: G1 = cyst.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 846	Group: E5M	
Day of Death: 737	Terminal Body Weight: 471.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 847	Group: E5M	
Day of Death: 737	Terminal Body Weight: 423.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 848	Group: E5M	
Day of Death: 618	Terminal Body Weight: 347.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Pituitary Gland	Enlarged, dark, G1/ 12x8x6 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.
Stomach	No gross observed on tissue.	Inflammation, non-glandular, mild.
Testis	No gross observed on tissue.	Atrophy, bilateral, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 849	Group: E5M	
Day of Death: 737	Terminal Body Weight: 507.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 850	Group: E5M	
Day of Death: 737	Terminal Body Weight: 460.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Trachea	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 851	Group: E5M	
Day of Death: 737	Terminal Body Weight: 432.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Harderian Gland	No gross observed on tissue.	Inflammation, mild. Hyperplasia, follicular lymphoid, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Cyst(s), tubular, mild.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Prostate	No gross observed on tissue.	Hyperplasia, duct epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 852	Group: E5M	
Day of Death: 626	Terminal Body Weight: 390.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Hydronephrosis, minimal. Inflammation, mild.
Lung	No gross observed on tissue.	M-carcinoma, metastatic (skin), definitely incidental. Note: carcinoma metastatic from skin.
Preputial Gland	No gross observed on tissue.	Inflammation, minimal.
Skin	Mass, labial (lip), red, G1/ 20x18x15 mm.	M-carcinoma, basal cell, definitely fatal. Note: G1 = basal cell carcinoma.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 853	Group: E5M	
Day of Death: 739	Terminal Body Weight: 427.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Preputial Gland	No gross observed on tissue.	Inflammation, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pharynx; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 854	Group: E5M	
Day of Death: 692	Terminal Body Weight: 352.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	Enlarged, red, G1/ 10x5x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.
Prostate	No gross observed on tissue.	Inflammation, mild.
Skin	Crust(s), hindlimb, red, bilateral, G2/ 3x3x3 mm.	Inflammation, mild. Note: G2 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 855	Group: E5M	
Day of Death: 739	Terminal Body Weight: 448.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild. Vacuolization, cytoplasm, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Inflammation, mild.
Liver	No gross observed on tissue.	Focus, mixed cell, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Preputial Gland	No gross observed on tissue.	Inflammation, mild.
Skin	No gross observed on tissue.	Cyst, epithelial inclusion, marked. Note: G1 = coded as skin (not tooth). G1 = epidermal inclusion cyst.
Tooth	Mass, molar, right, white, G1/ 8x6x6 mm.	Miscellaneous tissue not examined.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 856	Group: E5M	
Day of Death: 676	Terminal Body Weight: 304.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Epididymis	No gross observed on tissue.	Inflammation, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	Enlarged, mottled, G1/ 10x8x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.
Testis	No gross observed on tissue.	Atrophy, bilateral, moderate.
Thymus	No gross observed on tissue.	F-lymphoma, definitely incidental.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 857	Group: E5M	
Day of Death: 641	Terminal Body Weight: 390.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	Enlarged, dark, G1/ 10x7x6 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 858	Group: E5M	
Day of Death: 405	Terminal Body Weight: 343.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Bone Marrow	No gross observed on tissue.	Infarct, moderate.
Kidney	Nodule, right, white, G1/ up to 4x4x1 mm. Dilatation, pelvis, right, G2/ 3x. Dilatation, pelvis, left, G4/ 3x.	Hydronephrosis, moderate. Inflammation, moderate. Mineralization, minimal. Note: G2, G4 = hydronephrosis. G1 = inflammation.
Prostate	Enlarged, mottled, G5/ 3x.	Inflammation, marked. Note: G5 = inflammation.
Seminal Vesicle	No gross observed on tissue.	Inflammation, mild.
Skeletal Muscle	No gross observed on tissue.	Myodegeneration, mild. Inflammation, mild.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.
Ureter	Mass, dark, right, G3/ 60x25x20 mm.	Hemorrhage, marked. Inflammation, mild. Note: G3 = hemorrhage and inflammation.
Urinary Bladder	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Rectum; Salivary Gland; Sciatic Nerve; Skin; Spinal Cord; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 859	Group: E5M	
Day of Death: 739	Terminal Body Weight: 433.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Parathyroid	No gross observed on tissue.	Tissue is missing.
Preputial Gland	No gross observed on tissue.	Inflammation, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 860	Group: E5M	
Day of Death: 739	Terminal Body Weight: 500.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 861	Group: E5M	
Day of Death: 743	Terminal Body Weight: 571.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	Mass, thoracic, tan, granular, G1/ 100x70x70 mm, ulcerated.	Tissue is unremarkable.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Skin	No gross observed on tissue.	M-fibrosarcoma, mortality independent. Note: G1 = fibrosarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 862	Group: E5M	
Day of Death: 743	Terminal Body Weight: 492.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 863	Group: E5M	
Day of Death: 743	Terminal Body Weight: 456.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 864	Group: E5M	
Day of Death: 743	Terminal Body Weight: 454.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Harderian Gland	No gross observed on tissue.	Basophilic hypertrophic focus, present.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 865	Group: E5M	
Day of Death: 743	Terminal Body Weight: 456.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 866	Group: E5M	
Day of Death: 743	Terminal Body Weight: 471.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Testis	Small, right, G1/ G1 = 0.5x.	Atrophy, unilateral, mild. Note: G1 = atrophy.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal. B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 867	Group: E5M	
Day of Death: 743	Terminal Body Weight: 412.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 868	Group: E5M	
Day of Death: 564	Terminal Body Weight: 295.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	Enlarged, tan, G1/ 11x7x5 mm.	M-carcinoma, pars distalis, definitely fatal. Note: G1 =carcinoma, pars distalis.
Testis	No gross observed on tissue.	Atrophy, bilateral, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 869	Group: E5M	
Day of Death: 745	Terminal Body Weight: 416.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars intermedia, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 870	Group: E5M	
Day of Death: 745	Terminal Body Weight: 379.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 871	Group: E5M	
Day of Death: 745	Terminal Body Weight: 423.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 872	Group: E5M	
Day of Death: 745	Terminal Body Weight: 426.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal. Hyperplasia, medulla, moderate.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Testis	No gross observed on tissue.	Hyperplasia, interstitial cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 873	Group: E5M	
Day of Death: 745	Terminal Body Weight: 456.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 874	Group: E5M	
Day of Death: 745	Terminal Body Weight: 415.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Salivary Gland	No gross observed on tissue.	Basophilic hypertrophic focus, present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 875	Group: E5M	
Day of Death: 745	Terminal Body Weight: 540.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Inflammation, mild.
Liver	No gross observed on tissue.	Focus, clear cell, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	Abrasion, hindlimb, bilateral, dark, G1.	Ulcer, epidermis, marked.
		Note: G1 = epidermal ulceration.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 876	Group: E5M	
Day of Death: 745	Terminal Body Weight: 431.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	Enlarged, 10 x 8 x 8 mm, multiple, dark, G1.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pars distalis.
Stomach	No gross observed on tissue.	Hyperplasia, mucosa, non-glandular, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Testis; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 877	Group: E5M	
Day of Death: 745	Terminal Body Weight: 505.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, mild.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	Dilatation, bile duct, 8 mm diameter, G1.	Dilatation, bile duct, present. Note: G1 = bile duct dilatation.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 878	Group: E5M	
Day of Death: 745	Terminal Body Weight: 596.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thymus	No gross observed on tissue.	F-lymphoma, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 879	Group: E5M	
Day of Death: 746	Terminal Body Weight: 482.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-1. Individual Gross and Microscopic Observations – Males (Continued)

Animal ID: 880	Group: E5M	
Day of Death: 746	Terminal Body Weight: 432.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Mammary Gland	Mass, thoracic, left, mottled, G1/ G1 = 60 x 40 x 25 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pancreas	No gross observed on tissue.	Hyperplasia, acinar cell, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Epididymis; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Preputial Gland; Prostate; Rectum; Salivary Gland; Sciatic Nerve; Seminal Vesicle; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Testis; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females

Animal ID: 1121	Group: CF	
Day of Death: 458	Terminal Body Weight: 261.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Spleen	Enlarged, red, G2/ 58x14x8 mm.	Extramedullary hematopoiesis (emh), moderate. Note: G2 = emh.
Uterus	Mass, cervix, mottled, G1/ 65x52x27 mm.	M-sarcoma, stromal, definitely fatal. Inflammation, mild. Note: G1 = stromal sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1122	Group: CF	
Day of Death: 603	Terminal Body Weight: 284.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	Cyst(s), left, clear, G4/ 5x4x4 mm.	Cyst(s), tubular, moderate. Note: G4 = cyst.
Mammary Gland	No gross observed on tissue.	B-adenoma, definitely incidental. Note: G1, G2 = adenoma.
Pituitary Gland	Enlarged, red, G3/ 11x8x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G3 = adenoma, pd.
Skin	Mass, tan, G1/ 45x42x23 mm G1=left axilla. Mass, tan, G2/ 26x23x15 mm G2=right axilla.	Tissue is unremarkable.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1123	Group: CF	
Day of Death: 464	Terminal Body Weight: 396.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.
Kidney	No gross observed on tissue.	Inflammation, mild. Hyperplasia, transitional epithelium, moderate.
Lung	No gross observed on tissue.	M-osteosarcoma, metastatic (skeletal muscle), definitely incidental. Note: G1 = skeletal muscle origin.
Skeletal Muscle	Mass, dark, left, G1/ hindlimb, 55x55x40 mm.	M-osteosarcoma, extraskeletal, definitely fatal. Note: G1 = osteosarcoma, extraskeletal.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1124	Group: CF	
Day of Death: 612	Terminal Body Weight: 293.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Brain	Discoloration(s), cerebrum, mottled, G2/ 10x10 mm.	M-oligodendroglioma, definitely fatal. Note: G2 = oligodendroglioma.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Ovary	Cyst(s), bilateral, clear, G1/ 10x10x10 mm.	Cyst(s), present. Note: G1 = cysts.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, mild.
Stomach	Thick, forestomach, G3/ 3x.	Inflammation, non-glandular, mild. Note: G3 = inflammation, non-glandular.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1125	Group: CF	
Day of Death: 729	Terminal Body Weight: 334.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild. Degeneration, cystic, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal. Inflammation, minimal.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1126	Group: CF	
Day of Death: 729	Terminal Body Weight: 287.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Lung	No gross observed on tissue.	Inflammation, minimal.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, marked.
Pituitary Gland	Enlarged, dark, G1/ G1 size = 8x5x5mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1127	Group: CF	
Day of Death: 729	Terminal Body Weight: 279.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, bilateral, red, G1/ G1 size = 10x10x10mm.	Hypertrophy, cortex, moderate. Note: G1 = hypertrophy, cortex.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild. Inflammation, mild.
Pituitary Gland	Enlarged, mottled, G2/ G2 size = 5x5x3mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1128	Group: CF	
Day of Death: 729	Terminal Body Weight: 337.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	Cyst(s), posterior, dark, right, G1/ G1 size = 35x30x25mm.	Cyst(s), bile ducts, moderate. Note: G1 = biliary duct cysts.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, moderate.
Uterus	Mass, body, tan, G2/ G2 size = 15x10x10mm.	M-sarcoma, stromal, mortality independent. Note: G2 = stromal sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1129	Group: CF	
Day of Death: 596	Terminal Body Weight: 234.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, tan, G1/ 14x10x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Stomach	No gross observed on tissue.	Inflammation, non-glandular, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1130	Group: CF	
Day of Death: 731	Terminal Body Weight: 330.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Ovary	Cyst(s), left, clear, G1/ G1 size = 9x9x9mm. Cyst(s), right, clear, G2/ G2 size = 6x6x6mm.	Cyst(s), present. Note: G1, G2 = cysts.
Pituitary Gland	No gross observed on tissue.	M-carcinoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1131	Group: CF	
Day of Death: 731	Terminal Body Weight: 298.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Ovary	Cyst(s), right, clear, G1/ G1 size = 25x25x25mm.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1132	Group: CF	
Day of Death: 731	Terminal Body Weight: 352.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Ovary	Cyst(s), left, clear, G1/ G1 size = 8x8x8mm. Cyst(s), right, clear, G2/ G2 size = 7x7x7mm.	Cyst(s), present. Note: G1, G2 = cysts.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Stomach	No gross observed on tissue.	Mineralization, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1133	Group: CF	
Day of Death: 731	Terminal Body Weight: 305.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1134	Group: CF	
Day of Death: 731	Terminal Body Weight: 335.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1135	Group: CF	
Day of Death: 731	Terminal Body Weight: 329.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	Enlarged, mottled, G1/ G1 size = 9x7x4mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1136	Group: CF	
Day of Death: 400	Terminal Body Weight: 262.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Mammary Gland	Mass, cervical, tan, G1/ 40x30x18 mm.	Tissue is unremarkable. Note: G1 = coded as skin.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	No gross observed on tissue.	M-carcinoma, basal cell, definitely fatal. Note: G1 = basal cell carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1137	Group: CF	
Day of Death: 731	Terminal Body Weight: 272.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	Dilatation, bile duct, clear, G1/ G1 size = 9mm in diameter.	Dilatation, bile duct, present. Note: G1 = bile duct dilatation.
Spleen	No gross observed on tissue.	Fibrosis, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1138	Group: CF	
Day of Death: 731	Terminal Body Weight: 278.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1139	Group: CF	
Day of Death: 735	Terminal Body Weight: 341.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	Enlarged, dark, G1/ 8x6x4 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1140	Group: CF	
Day of Death: 735	Terminal Body Weight: 300.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	Cyst(s), left lateral lobe, clear, G1/ 26 x 20 x 16 mm.	Focus, eosinophilic, present. Cyst(s), bile ducts, moderate. Lipidosis, diffuse, mild. Note: G1 = bile duct cysts.
Pituitary Gland	Enlarged, dark, G2/ 10 x 8 x 8 mm.	M-carcinoma, pars distalis, mortality independent. Note: G2 = carcinoma, pd.
Stomach	Nodules, multiple, forestomach, multiple, white, G3/ up to 3x3x3 mm.	Ulcer, non-glandular, moderate. Hyperplasia, mucosa, non-glandular, moderate. Note: G3 = hyperplasia.
Thymus	No gross observed on tissue.	Tissue is missing.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.
Vagina	No gross observed on tissue.	B-polyp, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1141	Group: CF	
Day of Death: 540	Terminal Body Weight: 184.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Cavity, Thoracic	Fluid, clear, G2/ ~10 cc.	
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	Focus, dark, G3/ 2x2 mm.	Hyperplasia, pars distalis, moderate. Note: G3 = hyperplasia, pd.
Stomach	No gross observed on tissue.	Hyperplasia, mucosa, non-glandular, mild.
Thymus	Mass, mottled, G1/ 70x65x50 mm.	M-thymoma, definitely fatal. Note: G1 = malignant thymoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1142	Group: CF	
Day of Death: 735	Terminal Body Weight: 268.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	Cyst(s), median lobe, bile duct, dark, G1/ G1 = 4 mm diameter. Discoloration(s), left lateral lobe, tan, G2/ G2 = 6 x 6 mm.	Hyperplasia, bile duct, minimal. Fibrosis, moderate. Hemosiderin pigment, moderate. Telangiectasis, moderate. Note: G1 = telangiectasis, G2 = telangiectasis.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Crust(s), hindlimb, dark, left, G3/ G3 = 15 x 10 mm.	Ulcer, epidermis, marked. Note: G3 = epidermal ulceration.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), moderate. B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1143	Group: CF	
Day of Death: 735	Terminal Body Weight: 419.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Mammary Gland	No gross observed on tissue.	Hyperplasia, minimal. Cyst(s), ductal, present.
Ovary	Cyst(s), right, clear, G1/ G1 = 5mm ³ .	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1144	Group: CF	
Day of Death: 735	Terminal Body Weight: 385.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	Cyst(s), right, white, G3/ 12x5x5 mm.	B-lipoma, mortality independent. Note: G3 = lipoma.
Liver	No gross observed on tissue.	Lipidosis, multifocal, minimal.
Ovary	Cyst(s), bilateral, clear, G1/ G1 = 15 mm ³ .	Cyst(s), present. Note: G1 = cysts.
Pituitary Gland	Nodule, dark, G2/ G2 = 2 x 2 x 2 mm.	Hyperplasia, pars distalis, mild. Note: G2 = hyperplasia, pd.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1145	Group: CF	
Day of Death: 735	Terminal Body Weight: 368.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, minimal. Inflammation, mild. Hyperplasia, transitional epithelium, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild. Lipomatosis, moderate.
Pituitary Gland	Nodule, three, dark, G1/ G1 = up to 3 x 3 x 3 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1146	Group: CF	
Day of Death: 735	Terminal Body Weight: 381.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal. B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1147	Group: CF	
Day of Death: 735	Terminal Body Weight: 425.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Mammary Gland	Mass, inguinal, mottled, left, G1/ G1 = 45 x 30 x 20 mm. Mass, thoracic, pale, left, G2/ G2 = 35 x 25 x 15 mm.	B-adenoma, mortality independent. Note: G1, G2 = adenoma.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1148	Group: CF	
Day of Death: 737	Terminal Body Weight: 314.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1149	Group: CF	
Day of Death: 737	Terminal Body Weight: 249.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Skin	Nodule, capital (head), tan, G1/ 4x4x2 mm, end of nose.	B-papilloma, squamous cell, mortality independent. Note: G1 = papilloma.
Thyroid Gland	Enlarged, right, dark, G2/ 3x.	B-adenoma, follicular cell, mortality independent. Note: G2 = adenoma, follicular cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1150	Group: CF	
Day of Death: 737	Terminal Body Weight: 353.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, moderate.
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.
Trachea	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1151	Group: CF	
Day of Death: 737	Terminal Body Weight: 330.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1152	Group: CF	
Day of Death: 703	Terminal Body Weight: 179.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Cavity, Abdominal	Fluid, dark, G2/ 35 ml.	
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	Dilatation, pelvis, left, G3/ 17x9x9 mm.	Nephropathy, minimal. Hydronephrosis, marked. Note: G3 = hydronephrosis.
Lung	Focus, left, multiple, white, G6/ up to 2x2 mm.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G6 = metastatic carcinoma (uterus).
Lymph Node, Mesenteric	Enlarged, multiple, G4/ up to 5x5x4 mm.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G4 = carcinoma, metastatic (uterus).
Lymph Node, Other	Enlarged, pancreatic, multiple, G5/ up to 7x6x5 mm.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G5 = metastatic carcinoma (uterus).
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Uterus	Dilatation, horn, left, dark, G1/ 22x9x9 mm.	Inflammation, marked. M-carcinoma, definitely fatal. Note: G1 = inflammation. Uterine carcinoma noted on slide 15i.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1153	Group: CF	
Day of Death: 737	Terminal Body Weight: 336.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Lipidosis, focal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	Enlarged, 3 x, dark, G1.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1154	Group: CF	
Day of Death: 741	Terminal Body Weight: 310.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Pancreas	No gross observed on tissue.	Lipomatosis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1155	Group: CF	
Day of Death: 741	Terminal Body Weight: 380.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal. Lipomatosis, mild.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1156	Group: CF	
Day of Death: 741	Terminal Body Weight: 510.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hyperplasia, medulla, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	No gross observed on tissue.	Inflammation, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 = 7 x 7 x 7mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1157	Group: CF	
Day of Death: 741	Terminal Body Weight: 278.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1158	Group: CF	
Day of Death: 741	Terminal Body Weight: 312.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Mammary Gland	Mass, thoracic, left, mottled, G1/ G1 = 60 x 30 x 30 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pituitary Gland	Focus, dark, G2/ G2 = 2 x 2 mm.	Hyperplasia, pars distalis, moderate. Note: G2 = hyperplasia, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1159	Group: CF	
Day of Death: 741	Terminal Body Weight: 369.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Ovary	Cyst(s), right, clear, G2/ G2 = 12 mm diameter.	Cyst(s), present. Note: G2 = cyst.
Pituitary Gland	Nodule, dark, G1/ G1 = 2 x 2 x 2 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1160	Group: CF	
Day of Death: 680	Terminal Body Weight: 215.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Eye	Crust, right, diffuse, red, G1.	Inflammation, ocular, marked. Note: G1 = inflammation.
Ileum	No gross observed on tissue.	Tissue is missing.
Kidney	No gross observed on tissue.	Nephropathy, mild. Inflammation, minimal.
Liver	No gross observed on tissue.	Cyst(s), bile ducts, mild.
Nose/Turbinates	No gross observed on tissue.	Inflammation, minimal.
Oral Mucosa	No gross observed on tissue.	M-carcinoma, squamous cell, definitely fatal. Note: squamous cell carcinoma noted in oral mucosa (nasal section on slide 1) extending to oral/pharynx region (slide 4).
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Peripheral Nerve	Enlarged, G2/ 3x, right trigeminal.	Tissue is unremarkable. Note: G2 = coded as skin.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	No gross observed on tissue.	M-carcinoma, basal cell, definitely incidental. Note: G2 = basal cell carcinoma.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Stomach	Nodules, multiple, white, G3/ up to 5x5x4 mm; affects entire stomach.	Hyperplasia, mucosa, non-glandular, moderate. Note: G3 = hyperplasia, nonglandular mucosa.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Femur; Harderian Gland; Heart; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1161	Group: CF	
Day of Death: 741	Terminal Body Weight: 347.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present. Inflammation, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1162	Group: CF	
Day of Death: 741	Terminal Body Weight: 371.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild. Vacuolization, cytoplasm, cortex, moderate.
Liver	Mass, anterior, right, tan, G2/ G2 = 9 x 5 x 3 mm.	B-adenoma, hepatocellular, mortality independent. Note: G2 = adenoma, hepatocellular.
Mammary Gland	Mass, thoracic, left, mottled, G1/ G1 = 20 x 15 x 12 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pituitary Gland	Enlarged, tan, G3/ G3 = 7 x 4 x 4 mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1163	Group: CF	
Day of Death: 743	Terminal Body Weight: 297.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Eye	No gross observed on tissue.	Atrophy, retina, mild. B-schwannoma, optic nerve, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1164	Group: CF	
Day of Death: 743	Terminal Body Weight: 305.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	Enlarged, 9 x 7 x 6 mm, dark, G1.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1165	Group: CF	
Day of Death: 743	Terminal Body Weight: 335.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	Focus, multiple, white, G2/ up to 2x2 mm.	Alveolar macrophages, increased, mild. Inflammation, mild. Note: G2 = increased alveolar macrophages and inflammation.
Mammary Gland	Mass, thoracic, right, 38 x 25 x 20 mm, G1.	B-adenoma, mortality independent. Note: G1 = adenoma.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1166	Group: CF	
Day of Death: 743	Terminal Body Weight: 402.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1167	Group: CF	
Day of Death: 743	Terminal Body Weight: 334.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal.
Pituitary Gland	Nodule, two, dark, both 4 x 4 x 4 mm, G3.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Skin	Mass, thoracic, right, dark, 25 x 20 x 14 mm, G2.	M-carcinoma, basal cell, mortality independent. Note: G2 = carcinoma, basal cell.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.
Uterus	Mass, horn, right, dark, 20 x 15 x 14 mm, G1.	Endometrial hyperplasia, cystic (ceh), mild. B-polyp, endometrial stromal, mortality independent. Note: G1 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1168	Group: CF	
Day of Death: 591	Terminal Body Weight: 319.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Inflammation, mild.
Kidney	No gross observed on tissue.	Inflammation, mild.
Lung	No gross observed on tissue.	Inflammation, marked.
Nose/Turbinates	No gross observed on tissue.	Inflammation, moderate.
Ovary	Cyst(s), left, dark, G1/ 45x25x15 mm.	Cyst(s), present. Note: G1 = cyst.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1169	Group: CF	
Day of Death: 743	Terminal Body Weight: 369.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Mineralization, minimal.
Liver	Focus, left lateral lobe, tan, G2/ 3x3 mm.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present. Focus, eosinophilic, present. Note: G2 = eosinophilic focus.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Ovary	Cyst(s), left, clear, 35 mm diameter, G1.	Cyst(s), present. Note: G1 = cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1170	Group: CF	
Day of Death: 743	Terminal Body Weight: 264.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lymph Node, Mandibular	Cyst(s), 25 x 20 x 20 mm, clear, G1.	Cystic degeneration, moderate.
Lymph Node, Mesenteric	Cyst(s), 35 x 25 x 20 mm, G3.	Cystic degeneration, marked. Note: G3 = cystic degeneration.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present. Note: G1 = ductal cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Spleen	Cyst(s), 3 x 3 x 3 mm, multiple, clear, G2.	Extramedullary hematopoiesis (emh), mild. Cyst(s), present. Note: G2 = cysts.
Tongue	Nodule, tan, G4/ 2x2x2 mm.	Inflammation, chronic, marked. Hyperplasia, mucosal epithelium, moderate. Note: G4 = hyperplasia and inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1171	Group: CF	
Day of Death: 743	Terminal Body Weight: 291.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Mammary Gland	No gross observed on tissue.	M-carcinoma, mortality independent.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1172	Group: CF	
Day of Death: 745	Terminal Body Weight: 397.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Ovary	Cyst(s), bilateral, clear, G2/ 12x12x12 mm.	Cyst(s), present. Note: G2 = cysts.
Pituitary Gland	Nodule, dark, G1/ 2x2x2 mm.	Hyperplasia, pars distalis, moderate. Note: G1 = hyperplasia, pars distalis.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1173	Group: CF	
Day of Death: 720	Terminal Body Weight: 223.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Mammary Gland	No gross observed on tissue.	Hyperplasia, mild.
Pituitary Gland	Enlarged, 10 x 8 x 7 mm, mottled, G1.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1174	Group: CF	
Day of Death: 744	Terminal Body Weight: 250.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Mammary Gland	No gross observed on tissue.	B-adenoma, definitely incidental. Cyst(s), ductal, present. Note: G2 = adenoma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Skin	Ulcer, capital (head), 15 x 14 mm, dark, G1. Ulcer, shoulder, dark, 30 x 25 mm, G2.	M-carcinoma, basal cell, definitely fatal. Note: G1 = basal cell carcinoma.
Zymbal's Gland	Mass, right, 30 x 28 x 25 mm, G3.	M-carcinoma, squamous cell, definitely incidental. Note: G3 = squamous cell carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1175	Group: CF	
Day of Death: 745	Terminal Body Weight: 247.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Eye	Enlarged, right, red, G1/ G1 = 1.5x.	Ulcer, cornea, marked. Note: G1 = corneal ulcer.
Harderian Gland	Mass, right, tan, G2/ G2 = 25 x 15 x 10 mm.	Tissue is unremarkable. Note: G2 = coded as nose.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Mammary Gland	Mass, inguinal, right, tan, G4/ G4 = 23 x 20 x 10 mm.	B-adenoma, mortality independent. Note: G4 = adenoma.
Nose/Turbinates	No gross observed on tissue.	M-carcinoma, squamous cell, mortality independent. Note: G2 = squamous cell carcinoma.
Pituitary Gland	Nodule, dark, G3/ G3 = 3 x 3 x 3mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Femur; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1176	Group: CF	
Day of Death: 745	Terminal Body Weight: 390.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Ovary	Cyst(s), right, clear, G2/ G2 = 10 mm ³ .	Cyst(s), present. Note: G2 = cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Nodule, dark, G1/ G1 = 3 x 3 x 2 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1177	Group: CF	
Day of Death: 735	Terminal Body Weight: 231.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Infarct, chronic, mild.
Ovary	No gross observed on tissue.	Atrophy, moderate.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Stomach	No gross observed on tissue.	Ulcer, non-glandular, mild.
Thymus	No gross observed on tissue.	Tissue is missing.
Uterus	Mass, cervix, mottled, G1/ G1 = 75 x 60 x 50 mm.	M-sarcoma, stromal, definitely fatal. Note: G1 = stromal sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1178	Group: CF	
Day of Death: 546	Terminal Body Weight: 242.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Pituitary Gland	Enlarged, mottled, G1/ 10x8x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1179	Group: CF	
Day of Death: 745	Terminal Body Weight: 367.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1180	Group: CF	
Day of Death: 549	Terminal Body Weight: 258.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	F-lymphoma, definitely incidental.
Liver	No gross observed on tissue.	F-lymphoma, definitely incidental.
Lung	No gross observed on tissue.	F-lymphoma, definitely incidental.
Mammary Gland	Mass, inguinal, mottled, left, G3/ 12x10x6 mm.	B-adenoma, definitely incidental. F-lymphoma, definitely incidental. Note: G3 = lymphoma.
Ovary	Cyst(s), right, yellow, G2/ 9x9x9 mm.	Cyst(s), present. Note: G2 = cyst.
Pituitary Gland	Enlarged, tan, G4/ 12x7x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G4 = adenoma, pd.
Skin	Crust(s), capital (head), red, G1/ 10x9 mm.	Ulcer, epidermis, marked. Note: G1 = epidermal ulceration.
Spleen	No gross observed on tissue.	F-lymphoma, definitely incidental.
Stomach	No gross observed on tissue.	F-lymphoma, definitely incidental.
Thymus	No gross observed on tissue.	F-lymphoma, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Sternum; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1201	Group: CBF	
Day of Death: 715	Terminal Body Weight: 306.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Mineralization, mild.
Liver	Mass, left, lobe, pale, G5/ 10x8x7 mm. Mass, left, lobe, pale, G6/ 9x7x6 mm.	B-adenoma, biliary, definitely incidental. Focus, basophilic cell, present. Lipidosis, focal, mild. Note: G5, G6 = bile duct adenoma.
Pituitary Gland	Enlarged, dark, G1/ 11x8x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Spleen	Enlarged, G4/ 57x8x6 mm.	Extramedullary hematopoiesis (emh), moderate. Note: G4 = emh.
Stomach	No gross observed on tissue.	B-fibropapilloma, definitely incidental.
Uterus	Mass, cervix, tan, granular, G3/ 30x25x15 mm.	M-sarcoma, stromal, definitely incidental. Note: G2, G3 = stromal sarcoma.
Vagina	Mass, mottled, G2/ 40x30x28 mm.	Tissue is unremarkable. Note: G2 = coded as uterus.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1202	Group: CBF	
Day of Death: 729	Terminal Body Weight: 329.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	Cyst(s), right, clear, G2/ G2 size = 9x8x6mm.	Cyst(s), tubular, mild. Note: G2 = cyst.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Mammary Gland	No gross observed on tissue.	Hyperplasia, mild. Fibrosis, periductal, moderate. B-lipoma, infiltrative, mortality independent. Note: G1 = lipoma, infiltrative.
Pituitary Gland	Mass, dark, G3/ G3 size = 6x6x5mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Skin	Mass, inguinal, tan, G1/ G1 size = 30x25x15mm, G1 is located in the subcutaneous tissue in the inguinal region.	Tissue is unremarkable. Note: G1 = coded as mammary gland.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1203	Group: CBF	
Day of Death: 512	Terminal Body Weight: 252.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G1/ 7x6x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild. B-polyp, endometrial stromal, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1204	Group: CBF	
Day of Death: 729	Terminal Body Weight: 351.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	Nodule, red, G1/ G1 size = 2x2x2mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1205	Group: CBF	
Day of Death: 729	Terminal Body Weight: 282.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Ovary	Cyst(s), right, clear, G1/ G1 size = 14x14x14mm.	Cyst(s), present. Note: G1 = cyst.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1206	Group: CBF	
Day of Death: 729	Terminal Body Weight: 284.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Ovary	No gross observed on tissue.	B-granulosa cell tumor, mortality independent.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1207	Group: CBF	
Day of Death: 486	Terminal Body Weight: 331.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Skeletal Muscle	Mass, red, right, G2/ forelimb, 35x35x20 mm.	M-rhabdomyosarcoma, definitely fatal. Note: G2 = rhabdomyosarcoma.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	Dilatation, bilateral, dark, G1/ 12x10x10 mm.	Endometrial hyperplasia, cystic (ceh), marked. Note: G1 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1208	Group: CBF	
Day of Death: 365	Terminal Body Weight: 300.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Lung	No gross observed on tissue.	M-stromal sarcoma, metastatic (uterus), definitely incidental.
Spleen	Enlarged, dark, G2/ 55x15x8 mm.	Extramedullary hematopoiesis (emh), moderate. Note: G2 = emh.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	Mass, horn, mottled, right, G1/ 75x60x25 mm. G1 = cystic.	M-sarcoma, stromal, definitely fatal. Note: G1 = stromal sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1209	Group: CBF	
Day of Death: 729	Terminal Body Weight: 342.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Parathyroid	No gross observed on tissue.	B-adenoma, mortality independent.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	Nodule, facial, red, right, G1/ G1 size = 4x4x2mm, G1 location = right muzzle.	Fibrosis, dermis, moderate. Note: G1 = dermal fibrosis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1210	Group: CBF	
Day of Death: 731	Terminal Body Weight: 390.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Degeneration, cystic, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mesentery	Nodule, fat, mottled, G2/ G2 size = 25x17x12mm.	Necrosis, mesenteric fat, mild. Note: G2 = fat necrosis.
Ovary	Cyst(s), right, clear, G1/ G1 size = 45x45x30mm.	Cyst(s), present. Note: G1 = cyst.
Pancreas	No gross observed on tissue.	Inflammation, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1211	Group: CBF	
Day of Death: 731	Terminal Body Weight: 314.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Degeneration, cystic, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Ovary	Cyst(s), right, clear, G1/ G1 size = 15x10x10mm. Cyst(s), left, clear, G2/ G2 size = 12x10x10mm.	Cyst(s), present. Note: G1, G2 = cysts.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Nodule, dark, G3/ G3 size = 4x4x2mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal. Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), moderate. B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1212	Group: CBF	
Day of Death: 511	Terminal Body Weight: 456.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, left, tan, G1/ 85x70x50 mm, G1 = ulcerated. Mass, inguinal, tan, right, G2/ 60x40x30 mm.	B-adenoma, definitely fatal. Note: G1, G2 = adenoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1213	Group: CBF	
Day of Death: 693	Terminal Body Weight: 416.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present. Lipidosis, focal, minimal.
Mammary Gland	Mass, abdominal, mottled, G1/ 90x75x45 mm.	B-adenoma, definitely incidental. Note: G1 = adenoma.
Ovary	No gross observed on tissue.	B-sertoli cell tumor, definitely incidental.
Pituitary Gland	Enlarged, dark, G2/ 10x7x4 mm.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal. B-adenoma, c-cell, definitely incidental 2 tumors present.
Zymbal's Gland	Mass, left, tan, G3/ 6x6x5 mm.	M-carcinoma, squamous cell, definitely fatal. Note: G3 = scc (squamous cell carcinoma).

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1214	Group: CBF	
Day of Death: 647	Terminal Body Weight: 237.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Eye	No gross observed on tissue.	Inflammation, ocular, moderate.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, mottled, G1/ 60x50x30 mm.	B-adenoma, definitely incidental. Note: G1 = adenoma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, G2/ 7x6x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1215	Group: CBF	
Day of Death: 731	Terminal Body Weight: 324.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1216	Group: CBF	
Day of Death: 609	Terminal Body Weight: 256.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Inflammation, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G1/ 9x7x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1217	Group: CBF	
Day of Death: 731	Terminal Body Weight: 291.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Jejunum	Diverticulum, G1/ G1 size = 20x12x12mm.	Inflammation, mild. Diverticulum, present. Note: G1 = diverticulum.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild. Hyperplasia, pars intermedia, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1218	Group: CBF	
Day of Death: 552	Terminal Body Weight: 206.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Brain	No gross observed on tissue.	Tissue is unremarkable. Note: medulla (oblongata) = missing.
Esophagus	Dilatation, dark, G1/ up to 9x9x9 mm.	Dilatation, lumen, present. Note: G1 = dilatation.
Eye	No gross observed on tissue.	Tissue is unremarkable. Note: one eye = missing.
Harderian Gland	No gross observed on tissue.	Tissue is unremarkable. Note: one harderian gland = missing.
Lung	No gross observed on tissue.	Inflammation, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pharynx	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Tissue is missing.
Salivary Gland	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Tissue is missing.
Tongue	No gross observed on tissue.	Tissue is missing.
Zymbal's Gland	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Cecum; Clitoral Gland; Colon; Duodenum; Femur; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Rectum; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Trachea; Urinary Bladder; Uterus; Vagina

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1219	Group: CBF	
Day of Death: 735	Terminal Body Weight: 343.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1220	Group: CBF	
Day of Death: 735	Terminal Body Weight: 344.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Ovary	No gross observed on tissue.	B-thecoma, mortality independent.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1221	Group: CBF	
Day of Death: 735	Terminal Body Weight: 305.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Mammary Gland	No gross observed on tissue.	B-adenoma, mortality independent. Note: G1 = adenoma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G3/ G3 = 6x5x5 mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Skin	Mass, inguinal, tan, left, G1/ G1 = 20x20x15 mm.	Tissue is unremarkable. Note: G1 = coded as mammary gland.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild. B-adenoma, c-cell, mortality independent.
Uterus	Dilatation, horn, clear, right, G2/ G2 = 5 mm diameter.	Endometrial hyperplasia, cystic (ceh), moderate. Note: G2 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1222	Group: CBF	
Day of Death: 735	Terminal Body Weight: 467.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Mineralization, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Mammary Gland	Mass, abdominal, mottled, G2/ 30x18x10 mm.	Hyperplasia, mild. B-adenoma, mortality independent. Note: G2 = adenoma.
Oral Mucosa	No gross observed on tissue.	M-carcinoma, squamous cell, mortality independent.
Pituitary Gland	Nodule, dark, G1/ G1 = 5x5x3 mm.	B-adenoma, pars intermedia, mortality independent. Note: G1 = adenoma, pars intermedia.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Nose/Turbinates; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1223	Group: CBF	
Day of Death: 735	Terminal Body Weight: 384.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Pharynx	No gross observed on tissue.	Tissue is missing.
Vagina	No gross observed on tissue.	B-leiomyoma, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1224	Group: CBF	
Day of Death: 499	Terminal Body Weight: 271.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, bilateral, G2/ 3x.	F-lymphoma, definitely incidental. Note: G2 = lymphoma.
Liver	No gross observed on tissue.	F-lymphoma, definitely incidental.
Lung	No gross observed on tissue.	F-lymphoma, definitely incidental.
Pancreas	No gross observed on tissue.	F-lymphoma, definitely incidental.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Stomach	Mass, glandular, mottled, G1/ 25x20x11 mm.	F-lymphoma, definitely fatal. Note: G1 = lymphoma.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1225	Group: CBF	
Day of Death: 720	Terminal Body Weight: 197.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild. B-schwannoma, endocardial, definitely incidental.
Kidney	No gross observed on tissue.	Inflammation, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, G1/ 10x8x7 mm, dark.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1226	Group: CBF	
Day of Death: 735	Terminal Body Weight: 258.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1227	Group: CBF	
Day of Death: 735	Terminal Body Weight: 341.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	Enlarged, right, dark, G1/ G1 = 3x.	B-adenoma, c-cell, mortality independent. Note: G1 = adenoma, c-cell.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1228	Group: CBF	
Day of Death: 737	Terminal Body Weight: 305.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	Mass, inguinal, left, G3/ 25x17x13 mm.	B-adenoma, mortality independent. Note: G3 = adenoma.
Ovary	Cyst(s), left, clear, G1/ 9x9x9 mm.	Tissue is unremarkable.
Pituitary Gland	Enlarged, dark, G2/ 7x5x3 mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1229	Group: CBF	
Day of Death: 737	Terminal Body Weight: 344.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Pituitary Gland	Enlarged, red, G1/ 7x5x4 mm.	B-adenoma, pars intermedia, mortality independent. Note: G1 = adenoma, pars intermedia.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1230	Group: CBF	
Day of Death: 737	Terminal Body Weight: 236.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal. Hyperplasia, alveolar epithelium, minimal.
Mammary Gland	Mass, inguinal, right, tan, G2/ 30x20x15 mm.	B-adenoma, mortality independent. Note: G2 = adenoma.
Ovary	Cyst(s), right, clear, G1/ 5x5x5 mm.	Tissue is unremarkable.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	Enlarged, dark, G3/ 10x8x8 mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Thymus	Enlarged, dark, G4/ 4x.	M-thymoma, mortality independent. Note: G4 = thymoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1231	Group: CBF	
Day of Death: 737	Terminal Body Weight: 401.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Harderian Gland	No gross observed on tissue.	Hyperplasia, glandular epithelium, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	Mass, thoracic, right, tan, G1/ 27x26x7 mm. Mass, inguinal, right, mottled, G2/ 25x20x12 mm.	B-adenoma, mortality independent 2 tumors present. Note: G1, G2 = adenoma.
Pituitary Gland	Enlarged, dark, G3/ 7x6x4 mm.	Hyperplasia, pars distalis, marked. Note: G3 = hyperplasia, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1232	Group: CBF	
Day of Death: 737	Terminal Body Weight: 323.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Skin	Ulcer, brown, G1/ 5x3 mm.	Ulcer, epidermis, mild. Note: G1 = ulcer.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1233	Group: CBF	
Day of Death: 737	Terminal Body Weight: 314.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	Cyst(s), right, 4 x 4 x 4 mm, G1.	Cyst(s), tubular, moderate. Note: G1 = cyst.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1234	Group: CBF	
Day of Death: 741	Terminal Body Weight: 354.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, left, mottled, G1/ 90x80x40 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Ovary	Cyst(s), right, clear, G2/ 15x15x15 mm.	Cyst(s), present. Note: G2 = cyst.
Pituitary Gland	Focus, dark, G3/ 4x4 mm.	Hyperplasia, pars distalis, marked. Note: G3 = hyperplasia, pars distalis.
Thymus	No gross observed on tissue.	M-thymoma, mortality independent.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1235	Group: CBF	
Day of Death: 683	Terminal Body Weight: 282.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	Enlarged, G1/ 10x8x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Salivary Gland	No gross observed on tissue.	Inflammation, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1236	Group: CBF	
Day of Death: 741	Terminal Body Weight: 215.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Mineralization, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Tongue	No gross observed on tissue.	Hyperplasia, mucosal epithelium, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1237	Group: CBF	
Day of Death: 741	Terminal Body Weight: 305.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1238	Group: CBF	
Day of Death: 741	Terminal Body Weight: 368.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	Small, right, G2/ G2 = 0.5x; contains caseous material.	Atrophy, minimal. Note: G2 = atrophy.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Ovary	Cyst(s), bilateral, clear, G1/ G1 = up to 15x10x5 mm.	Tissue is unremarkable.
Thyroid Gland	Enlarged, left, dark, G3/ 3x.	Hyperplasia, c-cell, minimal. B-adenoma, follicular cell, mortality independent. Note: G3 = adenoma, follicular cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1239	Group: CBF	
Day of Death: 741	Terminal Body Weight: 286.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Inflammation, moderate. Mineralization, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, right, mottled, G1/ G1 = 50x45x20 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Nose/Turbinates	No gross observed on tissue.	Inflammation, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Oral Mucosa; Ovary; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1240	Group: CBF	
Day of Death: 741	Terminal Body Weight: 367.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	Dilatation, pelvis, right, G3/ 4x4x3 mm.	Hydronephrosis, moderate. Note: G3 = hydronephrosis.
Pituitary Gland	Nodule, dark, G2/ G2 = 5x4x2 mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), moderate.
Vagina	Mass, wall, pale, G1/ G1 = 10x7x7 mm.	B-leiomyoma, mortality independent. Note: G1 = leiomyoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1241	Group: CBF	
Day of Death: 499	Terminal Body Weight: 445.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Hydronephrosis, minimal. Mineralization, minimal.
Mammary Gland	Mass, abdominal, tan, G1/ 100x95x40 mm, G1 involves clitoral glands.	B-adenoma, definitely fatal. Note: G1 = adenoma.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1242	Group: CBF	
Day of Death: 741	Terminal Body Weight: 377.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Jejunum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild.
Lung	Focus, multiple, white, G2/ up to 4x4 mm, affects all lobes.	Alveolar macrophages, increased, mild. Note: G2 = increased alveolar macrophages.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Focus, dark, G1/ G1 = 3x3 mm.	Hyperplasia, pars distalis, moderate. Note: G1 = hyperplasia, pars distalis.
Spleen	No gross observed on tissue.	Hyperplasia, lymphoid, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1243	Group: CBF	
Day of Death: 672	Terminal Body Weight: 598.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Hydronephrosis, mild.
Mammary Gland	No gross observed on tissue.	B-adenoma, definitely fatal. Note: G1 = adenoma.
Skin	Mass, inguinal, left, mottled, G1/ 120x115x50 mm.	Tissue is unremarkable. Note: G1 = coded as mammary gland.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1244	Group: CBF	
Day of Death: 743	Terminal Body Weight: 263.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Ovary	Cyst(s), bilateral, both 15 mm diam, clear, G1.	Tissue is unremarkable.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.
Uterus	Dilatation, bilateral, 15 mm diameter, G2.	Endometrial hyperplasia, cystic (ceh), marked. Note: G2 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1245	Group: CBF	
Day of Death: 384	Terminal Body Weight: 310.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Skin	Mass, facial, dark, G1/ ulcerated, 24x20x15 mm.	M-carcinoma, apocrine gland, definitely fatal. Note: G1 = carcinoma, apocrine gland.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal. B-polyp, endometrial stromal, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1246	Group: CBF	
Day of Death: 743	Terminal Body Weight: 322.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Lymph Node, Mandibular	Enlarged, bilateral, 3 x, dark, G2.	Hyperplasia, plasma cell, marked. Note: G2 = plasma cell hyperplasia.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Mammary Gland	Mass, inguinal, G1/ 100x90x30 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Tongue	No gross observed on tissue.	Hyperplasia, mucosal epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1247	Group: CBF	
Day of Death: 715	Terminal Body Weight: 273.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Brain	Mass, cerebrum, right, white, G1/ 10x6x6 mm.	M-oligodendroglioma, definitely fatal. Note: G1 = oligodendroglioma.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1248	Group: CBF	
Day of Death: 743	Terminal Body Weight: 450.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild. Degeneration, cystic, mild.
Liver	No gross observed on tissue.	Focus, eosinophilic, present.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G1/ 7x6x4 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild. B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1249	Group: CBF	
Day of Death: 672	Terminal Body Weight: 199.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Harderian Gland	No gross observed on tissue.	Hyperplasia, glandular epithelium, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G2/ 5x.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.
Uterus	Dilatation, horn, left, dark, G1/ 35x35x35 mm.	Hyperplasia, endometrium, atypical, minimal. Hemorrhage, marked. Note: G1 = hemorrhage.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1250	Group: CBF	
Day of Death: 743	Terminal Body Weight: 327.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Kidney	Cyst(s), left, clear, G3/ 10x10x10 mm.	Cyst(s), tubular, mild. Note: G3 = cyst.
Liver	No gross observed on tissue.	Lipidosis, focal, minimal.
Mammary Gland	Mass, thoracic, tan, G2/ 32x20x20 mm.	B-adenoma, mortality independent. Note: G2 = adenoma.
Pituitary Gland	Enlarged, 6 mm diameter, red, G1.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1251	Group: CBF	
Day of Death: 743	Terminal Body Weight: 352.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1252	Group: CBF	
Day of Death: 745	Terminal Body Weight: 325.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Cecum	No gross observed on tissue.	Tissue is missing.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1253	Group: CBF	
Day of Death: 745	Terminal Body Weight: 290.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1254	Group: CBF	
Day of Death: 745	Terminal Body Weight: 269.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Fibrosis, interstitial, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1255	Group: CBF	
Day of Death: 745	Terminal Body Weight: 345.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Inflammation, minimal. Hyperplasia, transitional epithelium, mild.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1256	Group: CBF	
Day of Death: 745	Terminal Body Weight: 278.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.
Uterus	Dilatation, horn, right, dark, G1/ G1 = 10 mm diameter.	B-polyp, endometrial stromal, mortality independent. Note: G1 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1257	Group: CBF	
Day of Death: 647	Terminal Body Weight: 177.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Tissue is missing.
Lymph Node, Mediastinal	Enlarged, multiple, pale, G3/ 3x.	M-histiocytic sarcoma, definitely incidental. Note: G3 = histiocytic sarcoma.
Lymph Node, Mesenteric	Enlarged, multiple, pale, G4/ 5x.	M-histiocytic sarcoma, definitely incidental. Note: G4 = histiocytic sarcoma.
Mammary Gland	No gross observed on tissue.	F-lymphoma, definitely incidental.
Mesentery	Nodule, fat, G1/ up to 15x15x15 mm.	M-histiocytic sarcoma, definitely incidental. Note: G1 = histiocytic sarcoma.
Rectum	No gross observed on tissue.	Tissue is missing.
Sciatic Nerve	No gross observed on tissue.	Tissue is missing.
Skeletal Muscle	Thick, G2/ 2x, diaphragm.	M-rhabdomyosarcoma, definitely fatal. Note: G2 = rhabdomyosarcoma.
Urinary Bladder	No gross observed on tissue.	Tissue is missing.
Vagina	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Salivary Gland; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Uterus; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1258	Group: CBF	
Day of Death: 745	Terminal Body Weight: 310.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1259	Group: CBF	
Day of Death: 720	Terminal Body Weight: 286.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Bone	No gross observed on tissue.	M-osteosarcoma, definitely fatal. Note: osteosarcoma in vertebral section of spinal cord (slide 03).
Kidney	No gross observed on tissue.	Inflammation, mild. Hyperplasia, transitional epithelium, mild.
Ovary	Cyst(s), right, clear, G1/ 15x15x15 mm.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Urinary Bladder	No gross observed on tissue.	Hyperplasia, transitional epithelium, marked.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1260	Group: CBF	
Day of Death: 745	Terminal Body Weight: 346.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1321	Group: B0.2F	
Day of Death: 703	Terminal Body Weight: 249.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, marked. Hypertrophy, cortex, minimal.
Cavity, Abdominal	Fluid, red, G1/ 10 ml.	
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Inflammation, mild. Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, left, tan, G7/ 45x35x30 mm.	B-adenoma, definitely incidental. Note: G7 = adenoma.
Nose/Turbinates	No gross observed on tissue.	Inflammation, marked.
Pancreas	Mass, mottled, G4/ 32x27x15 mm. Mass, mottled, G8/ 25x15x10 mm.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G4, G8 = carcinoma, metastatic (uterus).
Parathyroid	No gross observed on tissue.	Tissue is missing.
Spleen	Mass, dark, G2/ 10x10x5 mm. Nodule, dark, G3/ 4x3x2 mm.	Infarct, moderate. Note: G2, G3 = infarct.
Stomach	No gross observed on tissue.	Inflammation, glandular, minimal.
Uterus	Mass, wall, tan, G5/ 20x10x10 mm. Dilatation, horn, red, G6/ 9x7x7 mm.	M-carcinoma, definitely fatal. Note: G5, G6 = carcinoma.
Vagina	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Oral Mucosa; Ovary; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1322	Group: B0.2F	
Day of Death: 729	Terminal Body Weight: 274.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Cyst(s), tubular, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1323	Group: B0.2F	
Day of Death: 689	Terminal Body Weight: 330.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Degeneration, cystic, mild.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Uterus	Dilatation, horn, right, dark, G1/ 20x7x7 mm.	Hemorrhage, moderate. Note: G1 = hemorrhage.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1324	Group: B0.2F	
Day of Death: 652	Terminal Body Weight: 217.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Cavity, Thoracic	Fluid, red, G2/ approximately 20 ml.	
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Necrosis, hepatocyte, mild.
Lymph Node, Mesenteric	Enlarged, multiple, tan, G4/ up to 7x7x7 mm.	Tissue is unremarkable. Note: G4 coded as mesentery.
Lymph Node, Other	Enlarged, pancreatic, multiple, tan, G3/ up to 15x10x10 mm.	Miscellaneous tissue not examined. Note: G3 = coded as mesentery.
Mesentery	No gross observed on tissue.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G3, G4 = carcinoma, metastatic (uterus).
Pancreas	No gross observed on tissue.	M-carcinoma, metastatic (uterus), definitely incidental.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Uterus	Mass, horn, left, tan, G1/ 12x10x10 mm.	M-carcinoma, definitely fatal. Note: G1 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1325	Group: B0.2F	
Day of Death: 710	Terminal Body Weight: 233.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, minimal.
Lung	No gross observed on tissue.	Inflammation, mild.
Mammary Gland	Mass, thoracic, right, mottled, 25 x 20 x 15 mm, G1.	Hyperplasia, moderate. M-carcinosarcoma, definitely incidental.
	Mass, inguinal, right, mottled, 13 x13 x 8 mm, G3.	Note: G1 = carcinosarcoma, G3 = hyperplasia.
Ovary	No gross observed on tissue.	Atrophy, moderate.
Pituitary Gland	Enlarged, 12 x10 x10 mm, dark, G2.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, definitely incidental.
Uterus	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1326	Group: B0.2F	
Day of Death: 631	Terminal Body Weight: 375.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, moderate.
Liver	No gross observed on tissue.	Focus, clear cell, present. Hyperplasia, bile duct, minimal. Focus, basophilic cell, present. Lipidosis, multifocal, minimal.
Mammary Gland	Mass, thoracic, left, mottled, G1/ 62x55x20 mm G1=ulcerated.	M-carcinoma, definitely fatal. Note: G1 = carcinoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1327	Group: B0.2F	
Day of Death: 729	Terminal Body Weight: 288.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, mild.
Uterus	No gross observed on tissue.	Hyperplasia, endometrium, atypical, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1328	Group: B0.2F	
Day of Death: 729	Terminal Body Weight: 438.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	M-carcinoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1329	Group: B0.2F	
Day of Death: 729	Terminal Body Weight: 282.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1330	Group: B0.2F	
Day of Death: 731	Terminal Body Weight: 346.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	Enlarged, mottled, G2/ G2 size = 6x6x4mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Thymus	Enlarged, mottled, G1/ G1 size = 30x20x5mm.	M-thymoma, mortality independent. Note: G1 = thymoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1331	Group: B0.2F	
Day of Death: 731	Terminal Body Weight: 251.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Uterus	No gross observed on tissue.	Hyperplasia, endometrium, atypical, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1332	Group: B0.2F	
Day of Death: 731	Terminal Body Weight: 291.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	Cyst(s), right, clear, G1/ G1 size = 12x12x12mm.	Cyst(s), tubular, moderate. Note: G1 = cyst.
Parathyroid	No gross observed on tissue.	Hyperplasia, minimal.
Pituitary Gland	Enlarged, dark, G2/ G2 size = 3x2x2mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1333	Group: B0.2F	
Day of Death: 731	Terminal Body Weight: 363.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present. Telangiectasis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1334	Group: B0.2F	
Day of Death: 731	Terminal Body Weight: 313.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	Focus, dark, G1/ G1 size = 2x2mm.	Hyperplasia, pars distalis, marked. Note: G1 = hyperplasia, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1335	Group: B0.2F	
Day of Death: 731	Terminal Body Weight: 277.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	Nodule, red, G1/ G1 size = 1x1x1mm.	Hyperplasia, pars distalis, mild. Hyperplasia, pars intermedia, moderate. Note: G1 = hyperplasia, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1336	Group: B0.2F	
Day of Death: 731	Terminal Body Weight: 305.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Mammary Gland	Mass, abdominal, mottled, right, G1/ G1 size = 24x15x10mm, G1 contains dark fluid.	B-adenoma, mortality independent. Note: G1 = adenoma.
Ovary	Cyst(s), bilateral, clear, G3/ G3 size = 12x12x12mm.	Cyst(s), present. Note: G3 = cysts.
Pituitary Gland	Focus, red, G4/ G4 size = 1x1mm.	Hyperplasia, pars distalis, moderate. Note: G4 = hyperplasia, pars distalis.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	Dilatation, horn, bilateral, G2/ G2 size = 18mm in diameter.	Endometrial hyperplasia, cystic (ceh), marked. Note: G2 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1337	Group: B0.2F	
Day of Death: 553	Terminal Body Weight: 294.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, medulla, minimal.
Mammary Gland	No gross observed on tissue.	B-adenoma, definitely incidental. Cyst(s), ductal, present. Note: G1 = adenoma.
Pituitary Gland	Enlarged, mottled, G2/ 12x10x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pars distalis.
Skeletal Muscle	Mass, dark, G1/ right hindlimb, 35x30x25 mm.	Tissue is unremarkable. Note: G1 = coded as mammary gland.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1338	Group: B0.2F	
Day of Death: 731	Terminal Body Weight: 359.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1339	Group: B0.2F	
Day of Death: 735	Terminal Body Weight: 371.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1340	Group: B0.2F	
Day of Death: 512	Terminal Body Weight: 223.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	Enlarged, mottled, G1/ 10x8x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1341	Group: B0.2F	
Day of Death: 311	Terminal Body Weight: 232.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Parathyroid	No gross observed on tissue.	Hyperplasia, moderate.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	Mass, inguinal, G1/ 40x35x20 mm.	M-histiocytic sarcoma, definitely fatal. Note: G1 = histiocytic sarcoma.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1342	Group: B0.2F	
Day of Death: 735	Terminal Body Weight: 371.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, moderate.
Pituitary Gland	Enlarged, dark, G1/ G1 = 4x.	Hyperplasia, pars distalis, marked. Note: G1 = hyperplasia, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1343	Group: B0.2F	
Day of Death: 735	Terminal Body Weight: 380.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Lung	Focus, multiple, pale, G1/ G1 = up to 2 x 2 mm. All lobes affected.	Alveolar macrophages, increased, moderate. Note: G1 = alveolar macrophages, increased.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1344	Group: B0.2F	
Day of Death: 735	Terminal Body Weight: 370.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Lung	Focus, multiple, white, G1/ G1 = up to 2 x 2 mm. Affects all lobes.	Alveolar macrophages, increased, mild. Note: G1 = alveolar macrophages, increased.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1345	Group: B0.2F	
Day of Death: 651	Terminal Body Weight: 229.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Cavity, Thoracic	Fluid, brown, G1/ approximately 15 ml.	
Pancreas	Mass, tan, G2/ 40x25x25 mm.	Tissue is unremarkable. Note: G2 = coded as uterus.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thymus	No gross observed on tissue.	Tissue is missing.
Uterus	No gross observed on tissue.	M-carcinoma, definitely fatal. Note: G2 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1346	Group: B0.2F	
Day of Death: 735	Terminal Body Weight: 270.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. B-pheochromocytoma, mortality independent.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1347	Group: B0.2F	
Day of Death: 735	Terminal Body Weight: 333.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1348	Group: B0.2F	
Day of Death: 737	Terminal Body Weight: 247.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1349	Group: B0.2F	
Day of Death: 737	Terminal Body Weight: 253.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Thyroid Gland	Enlarged, left, dark, G1/ 8x7x6 mm.	B-adenoma, follicular cell, mortality independent. Note: G1 = follicular cell adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1350	Group: B0.2F	
Day of Death: 737	Terminal Body Weight: 305.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars intermedia, mild.
Uterus	No gross observed on tissue.	Hyperplasia, endometrium, atypical, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1351	Group: B0.2F	
Day of Death: 737	Terminal Body Weight: 256.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	Cyst(s), left lateral lobe, 12 x 10 x 6 mm, G1.	Cyst(s), bile ducts, moderate. Note: G1 = bile duct cyst.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Ovary	Cyst(s), left, 7 x 7 x 7 mm, clear, G2.	Cyst(s), present. Note: G2 = cyst.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1352	Group: B0.2F	
Day of Death: 737	Terminal Body Weight: 338.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1353	Group: B0.2F	
Day of Death: 737	Terminal Body Weight: 376.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Atrophy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	Enlarged, 10 x 10 x 10 mm, dark, G1.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1354	Group: B0.2F	
Day of Death: 741	Terminal Body Weight: 302.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Degeneration, cystic, moderate.
Liver	Mass, caudate lobe, dark, G2/ 16x10x8 mm.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present. Hyperplasia, nodular, hepatocyte, mild. Note: G2 = nodular hyperplasia.
Mammary Gland	Mass, abdominal, mottled, G1/ 20x15x10 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G3/ 8x5x3 mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1355	Group: B0.2F	
Day of Death: 526	Terminal Body Weight: 197.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. B-pheochromocytoma, definitely incidental.
Liver	No gross observed on tissue.	Lipidosis, diffuse, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, mottled, G1/ 15x10x10 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Stomach	Nodule, forestomach, multiple, white, G2/ up to 2x2x2 mm.	Inflammation, non-glandular, moderate. Hyperplasia, mucosa, non-glandular, moderate. Note: G2 = hyperplasia.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1356	Group: B0.2F	
Day of Death: 741	Terminal Body Weight: 325.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Mammary Gland	Mass, thoracic, left, dark, G1/ G1 = 50 x 37 x 22 mm; fluid-filled.	M-carcinoma, mortality independent. Note: G1 = carcinoma.
Ovary	Cyst(s), right, clear, G3/ G3 = 12 mm ³ .	Cyst(s), present. Note: G3 = cyst.
Pituitary Gland	Nodule, dark, G2/ G2 = 2 x 2 x 2 mm.	Hyperplasia, pars distalis, marked. Note: G2 = hyperplasia, pars distalis.
Uterus	No gross observed on tissue.	Inflammation, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1357	Group: B0.2F	
Day of Death: 735	Terminal Body Weight: 172.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 = 12 x 10 x 7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1358	Group: B0.2F	
Day of Death: 563	Terminal Body Weight: 333.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	No gross observed on tissue.	B-adenoma, definitely fatal. Note: G1 = adenoma.
Skin	Mass, thoracic, right, red, G1/ 70x50x40 mm G1 was ulcerated.	Tissue is unremarkable. Note: G1 = coded as mammary gland.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1359	Group: B0.2F	
Day of Death: 741	Terminal Body Weight: 362.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	Hdn, median lobe, G1/ G1 = 20 x 14 x 13 mm.	Hepatodiaphragmatic nodule (hdn), present. Note: G1 = hepatodiaphragmatic nodule (hdn).
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1360	Group: B0.2F	
Day of Death: 741	Terminal Body Weight: 297.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Inflammation, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild. Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1361	Group: B0.2F	
Day of Death: 741	Terminal Body Weight: 378.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Nodule, caudal (tail), pale, G1/ G1 = 4 x 4 x 3 mm.	B-papilloma, squamous cell, mortality independent. Note: G1 = papilloma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1362	Group: B0.2F	
Day of Death: 741	Terminal Body Weight: 386.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Ovary	Cyst(s), bilateral, clear, G1/ G1 = up to 20 mm diameter.	Cyst(s), present. Note: G1 = cysts.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1363	Group: B0.2F	
Day of Death: 743	Terminal Body Weight: 401.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Inflammation, minimal.
Liver	No gross observed on tissue.	Focus, clear cell, present. Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, 53 x 45 x 25 mm, G1.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pituitary Gland	Nodule, 5 x 4 x 3 mm, dark, G2.	B-adenoma, pars distalis, mortality independent. B-adenoma, pars intermedia, mortality independent. Note: G2 = adenoma, pars intermedia and pars distalis (two adenomas present).
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1364	Group: B0.2F	
Day of Death: 742	Terminal Body Weight: 328.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Mammary Gland	Mass, abdominal, right, mottled, G1/ G1 = 90 x 60 x 45 mm.	B-adenoma, definitely fatal. Note: G1 = adenoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, marked.
Thyroid Gland	Enlarged, right, red, G2/ 2x.	B-adenoma, follicular cell, definitely incidental. Note: G2 = follicular cell adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1365	Group: B0.2F	
Day of Death: 720	Terminal Body Weight: 240.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal. Degeneration, cystic, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Mass, abdominal, 14 x 10 x 4 mm, tan, G1/ G1 mass is ulcerated.	M-carcinoma, squamous cell, definitely fatal. Note: G1 = squamous cell carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1366	Group: B0.2F	
Day of Death: 680	Terminal Body Weight: 366.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild. Focus, basophilic cell, present.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, 12 x 7 x 6 mm, dark, G1.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1367	Group: B0.2F	
Day of Death: 743	Terminal Body Weight: 285.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Ovary	Cyst(s), bilateral, G1/ lft = 5 mm diameter; right = 10 mm diameter.	Cyst(s), present. Note: G1 = cysts.
Pituitary Gland	Nodule, dark, G2/ 2x2x2 mm.	Hyperplasia, pars distalis, mild. Note: G2 = hyperplasia, pars distalis.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1368	Group: B0.2F	
Day of Death: 743	Terminal Body Weight: 282.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	Cyst(s), bile duct, rt anterior, green, 26 x 24 x 22 mm, G3.	Cyst(s), bile ducts, marked. Note: G3 = cyst, bile duct.
Lung	No gross observed on tissue.	M-carcinoma, metastatic (uterus), mortality independent.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Ovary	Cyst(s), right, 13 mm diameter, clear, G1.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	Enlarged, right, 20 x 12 x 10 mm, mottled, G4.	Hyperplasia, c-cell, mild. M-carcinoma, follicular cell, mortality independent. Note: G4 = carcinoma, follicular cell.
Uterus	Dilatation, horn, left, dark, 13 x 13 x 8 mm, G2.	M-carcinoma, mortality independent. Note: G2 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1369	Group: B0.2F	
Day of Death: 743	Terminal Body Weight: 325.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lymph Node, Other	Enlarged, axillary, left, dark, 2 x, G2.	Miscellaneous tissue not examined. Note: G2 = coded as mammary gland.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present. Note: G1, G2 = ductal cysts.
Ovary	No gross observed on tissue.	B-granulosa cell tumor, mortality independent.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	Mass, thoracic, right, 20 x 15 x 13 mm, subcutis, G1.	Tissue is unremarkable. Note: G1 = coded as mammary gland.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1370	Group: B0.2F	
Day of Death: 743	Terminal Body Weight: 317.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Degeneration, cystic, mild.
Liver	Focus, median lobe, 5 x 5 mm, tan, G1.	Focus, clear cell, present. Hyperplasia, bile duct, minimal. Note: G1 = clear cell focus.
Pituitary Gland	Nodule, 4 x 2 x 2 mm, dark, G2.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pars distalis.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1371	Group: B0.2F	
Day of Death: 743	Terminal Body Weight: 270.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Clitoral Gland	Enlarged, left, 3 x, dark, G3.	Cystic duct, present. Note: G3 = cystic duct.
Kidney	No gross observed on tissue.	Inflammation, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Ovary	Cyst(s), left, 13 mm diameter, clear, G4.	Cyst(s), present. Note: G4 = cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Nodule, 3 x 2 x 2 mm, dark, G1.	Hyperplasia, pars distalis, mild. Note: G1 = hyperplasia, pars distalis.
Uterus	Dilatation, horn, left, 15 x 14 x 10 mm, G2.	M-carcinoma, mortality independent. Note: G2 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1372	Group: B0.2F	
Day of Death: 745	Terminal Body Weight: 313.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1373	Group: B0.2F	
Day of Death: 745	Terminal Body Weight: 274.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Kidney	No gross observed on tissue.	Infarct, chronic, mild.
Pituitary Gland	Enlarged, dark, G1/ G1 = 9 x 8 x 8 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1374	Group: B0.2F	
Day of Death: 745	Terminal Body Weight: 270.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Parathyroid	No gross observed on tissue.	Fibrosis, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1375	Group: B0.2F	
Day of Death: 745	Terminal Body Weight: 288.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Uterus	Nodule, left, horn, pink, 3 x 2 mm, G1.	Dysplasia, smooth muscle, present.
		Note: G1 = dysplasia, smooth muscle.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1376	Group: B0.2F	
Day of Death: 745	Terminal Body Weight: 313.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	Mass, inguinal, right, tan, G1/ G1 = 38 x 26 x 22 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1377	Group: B0.2F	
Day of Death: 745	Terminal Body Weight: 388.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present. Focus, eosinophilic, present.
Mammary Gland	Mass, thoracic, right, mottled, G2/ G2 = 90 x 60 x 60 mm.	B-adenoma, mortality independent. Note: G2 = adenoma.
Pituitary Gland	Nodule, dark, G1/ G1 = 2 x 2 x 1 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1378	Group: B0.2F	
Day of Death: 652	Terminal Body Weight: 174.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	Enlarged, mottled, G1/ 10x10x10 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1379	Group: B0.2F	
Day of Death: 745	Terminal Body Weight: 294.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, red, G1/ G1 = 9 x 8 x 4 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal. B-adenoma, c-cell, mortality independent.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1380	Group: B0.2F	
Day of Death: 745	Terminal Body Weight: 308.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	Dilatation, horn, right, clear, G1/ G1 = 7 mm diameter.	B-polyp, endometrial stromal, mortality independent. Note: G1 = endometrial stromal polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1421	Group: B2F	
Day of Death: 729	Terminal Body Weight: 242.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Ovary	Cyst(s), right, clear, G1/ G1 size = 15x15x15mm. Cyst(s), left, clear, G2/ G2 size = 9x9x9mm.	Cyst(s), present. Note: G1, G2 = cysts.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1422	Group: B2F	
Day of Death: 729	Terminal Body Weight: 309.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1423	Group: B2F	
Day of Death: 693	Terminal Body Weight: 231.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	M-transitional cell carcinoma, metastatic (heart), definitely incidental.
Kidney	No gross observed on tissue.	Nephropathy, moderate. Hydronephrosis, mild. M-transitional cell carcinoma, metastatic (kidney), definitely incidental.
Liver	Mass, left, 17 x 17 x 17 mm, red, G4. Mass, posterior, G6/ mottled, 21 x 15 x 11 mm. Mass, left, 15 x 11 x 9 mm, red, G5.	Hyperplasia, bile duct, mild. M-transitional cell carcinoma, metastatic (liver), definitely incidental. Note: G4, G5, G6 = tcc (metastatic).
Lung	No gross observed on tissue.	M-transitional cell carcinoma, metastatic (lung), definitely incidental.
Lymph Node, Mediastinal	Enlarged, 3 x, G9.	M-transitional cell carcinoma, metastatic (ln-mediastinal), definitely incidental. Note: G9 = tcc (metastatic).
Lymph Node, Mesenteric	No gross observed on tissue.	M-transitional cell carcinoma, metastatic (ln-mesenteric), definitely incidental.
Lymph Node, Other	Enlarged, renal, 3 x, G7. Enlarged, inguinal, 3 x, G8.	M-transitional cell carcinoma, metastatic (ln-other), definitely incidental. Note: G7, G8 = tcc (metastatic).
Mesentery	No gross observed on tissue.	M-transitional cell carcinoma, metastatic (mesentery), definitely incidental. Note: G2, G3 = tcc (metastatic).
Ovary	Cyst(s), right, clear, G2/ 16x16x16 mm.	Tissue is unremarkable. Note: G2 = coded as mesentery.

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1423	Group: B2F	
Day of Death: 693	Terminal Body Weight: 231.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pancreas	Mass, 52 x 30 x 10 mm, tan, G10.	Atrophy, acinar cell, minimal. M-transitional cell carcinoma, metastatic (pancreas), definitely incidental. Note: G10 = tcc (metastatic).
Spleen	No gross observed on tissue.	M-transitional cell carcinoma, metastatic (spleen), definitely incidental.
Urinary Bladder	Mass, tan, G11/ 7x6x4 mm.	M-carcinoma, transitional cell, definitely fatal. Note: G11 = transitional cell carcinoma (tcc).
Uterus	Dilatation, right, 13 mm diameter, dark, G1. Mass, right, 32 x 20 x 20 mm, mottled, G3.	Endometrial hyperplasia, cystic (ceh), marked. M-carcinoma, definitely incidental. Note: G3 = coded as mesentery, G1 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1424	Group: B2F	
Day of Death: 729	Terminal Body Weight: 263.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Ovary	Cyst(s), bilateral, clear, G1/ G1 size = 8x8x8mm.	Cyst(s), present. Note: G1 = cysts.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1425	Group: B2F	
Day of Death: 729	Terminal Body Weight: 262.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Mammary Gland	Mass, thoracic, tan, right, G1/ G1 size = 70x55x40mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Thymus	No gross observed on tissue.	Tissue is missing.
Uterus	Mass, horn, tan, left, G2/ G2 size = 10x7x5mm, the left uterine horn is dilated proximal to the mass, with a diameter of 8mm. Mass, body, tan, G3/ G3 size = 6x5x5, G3 is present on the serosal surface of the uterine body.	M-carcinoma, mortality independent. Note: G2, G3 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1426	Group: B2F	
Day of Death: 729	Terminal Body Weight: 259.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Harderian Gland	No gross observed on tissue.	Hyperplasia, glandular epithelium, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, moderate. Inflammation, mild.
Ovary	Cyst(s), left, clear, G2/ G2 size = 9x9x9mm.	Cyst(s), present. Note: G2 = cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Nodule, dark, G1/ G1 size = 3x3x2mm.	M-carcinoma, pars distalis, mortality independent. Note: G1 = carcinoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1427	Group: B2F	
Day of Death: 729	Terminal Body Weight: 296.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1428	Group: B2F	
Day of Death: 729	Terminal Body Weight: 231.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, G2/ 3x, unilateral.	Hyperplasia, cortex, mild. B-pheochromocytoma, mortality independent. Note: G2 = pheochromocytoma.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Uterus	Dilatation, horn, bilateral, G1/ G1 size = up to 11mm in diameter.	Endometrial hyperplasia, cystic (ceh), moderate. Note: G1 = cystic endometrial hyperplasia.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1429	Group: B2F	
Day of Death: 532	Terminal Body Weight: 283.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Liver	No gross observed on tissue.	Lipidosis, diffuse, minimal.
Pituitary Gland	Enlarged, red, G1/ 10x7x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Stomach	Nodules, multiple, forestomach, white, G2/ up to 2x1x1 mm.	Ulcer, non-glandular, moderate. Hyperplasia, mucosa, non-glandular, moderate. Note: G2 = hyperplasia, non-glandular mucosa.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1430	Group: B2F	
Day of Death: 731	Terminal Body Weight: 249.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, focal, minimal.
Ovary	Cyst(s), right, clear, G1/ G1 size = 18x18x18mm.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1431	Group: B2F	
Day of Death: 731	Terminal Body Weight: 280.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal. Hyperplasia, endothelium, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	M-carcinoma, pars distalis, mortality independent.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1432	Group: B2F	
Day of Death: 731	Terminal Body Weight: 302.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hyperplasia, medulla, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Ovary	Cyst(s), left, clear, G1/ G1 size = 20x20x20mm. Cyst(s), right, clear, G2/ G2 size = 15x15x15mm.	Cyst(s), present. Note: G1, G2 = cysts.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1433	Group: B2F	
Day of Death: 637	Terminal Body Weight: 251.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Tissue is unremarkable. Note: one adrenal gland = missing.
Pharynx	No gross observed on tissue.	Tissue is missing.
Uterus	Dilatation, bilateral, dark, G1/ 25 mm diameter.	Endometrial hyperplasia, cystic (ceh), marked. Note: G1 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1434	Group: B2F	
Day of Death: 731	Terminal Body Weight: 271.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild. Hyperplasia, medulla, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1435	Group: B2F	
Day of Death: 731	Terminal Body Weight: 279.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Ovary	Cyst(s), left, clear, G1/ G1 size = 10x10x10mm.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1436	Group: B2F	
Day of Death: 731	Terminal Body Weight: 302.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1437	Group: B2F	
Day of Death: 331	Terminal Body Weight: 223.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1438	Group: B2F	
Day of Death: 731	Terminal Body Weight: 277.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Dilatation, bile duct, present.
Pituitary Gland	Enlarged, red, G1/ G1 size = 10x8x8mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1439	Group: B2F	
Day of Death: 682	Terminal Body Weight: 265.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, mild. Extramedullary hematopoiesis (emh), moderate.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal. Extramedullary hematopoiesis (emh), minimal.
Lymph Node, Mesenteric	Enlarged, mottled, G1/ 25x20x15 mm.	M-leiomyosarcoma, metastatic (stomach), definitely incidental. Note: G1 = leiomyosarcoma, metastatic (stomach).
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), marked.
Stomach	Mass, entire stomach, 60 x 50 x 35 mm, mottled, G2.	M-leiomyosarcoma, definitely fatal. Note: G2 = leiomyosarcoma.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, definitely incidental.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, definitely incidental.
Zymbal's Gland	No gross observed on tissue.	Hyperplasia, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Thymus; Tongue; Trachea; Urinary Bladder; Vagina

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1440	Group: B2F	
Day of Death: 735	Terminal Body Weight: 313.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pancreas	No gross observed on tissue.	Hyperplasia, acinar cell, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1441	Group: B2F	
Day of Death: 434	Terminal Body Weight: 237.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, diffuse, minimal.
Lung	No gross observed on tissue.	Inflammation, mild.
Mammary Gland	No gross observed on tissue.	B-adenoma, definitely incidental. Note: G1 = adenoma.
Pituitary Gland	Enlarged, dark, G2/ 15x12x10 mm.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.
Skin	Mass, inguinal, tan, G1/ 35 x 25 x 20 mm.	Tissue is unremarkable. Note: G1 = coded as mammary gland.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1442	Group: B2F	
Day of Death: 609	Terminal Body Weight: 184.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Bone	Mass, cranium, left, mottled, G2/ 15x10x8 mm. G2 also involves the lower jaw and is ulcerated.	Miscellaneous tissue not examined. Note: G2 = coded as oral mucosa.
Mammary Gland	Mass, abdominal, white, G1/ 15x10x5 mm.	B-adenoma, definitely incidental. Note: G1 = adenoma.
Oral Mucosa	No gross observed on tissue.	M-carcinoma, squamous cell, definitely fatal. Note: G2 = squamous cell carcinoma.
Pituitary Gland	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1443	Group: B2F	
Day of Death: 735	Terminal Body Weight: 302.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, medulla, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Inflammation, minimal. Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, mottled, right, G1/ G1 = 35 x 30 x 15 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pituitary Gland	Enlarged, dark, G2/ G2 = 8 x 7 x 4mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1444	Group: B2F	
Day of Death: 631	Terminal Body Weight: 474.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Clitoral Gland	No gross observed on tissue.	Inflammation, moderate.
Mammary Gland	Mass, thoracic, right, mottled, G1/ 105x90x70 mm.	B-adenoma, definitely fatal. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1445	Group: B2F	
Day of Death: 735	Terminal Body Weight: 335.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Heart	No gross observed on tissue.	B-schwannoma, endocardial, mortality independent.
Pituitary Gland	Nodule, dark, G1/ 2x2x2 mm.	Hyperplasia, pars distalis, mild. Note: G1 = hyperplasia, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1446	Group: B2F	
Day of Death: 735	Terminal Body Weight: 282.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Lung	Focus, multiple, white, G4/ G4 = up to 3 x 3 mm. All lobes affected.	Alveolar macrophages, increased, moderate. Note: G4 = increased alveolar macrophages.
Mammary Gland	Mass, thoracic, mottled, left, G1/ G1 = 42 x 37 x 25 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Ovary	Cyst(s), right, clear, G3/ G3 = 20 x 15 x 10 mm.	Cyst(s), present. Note: G3 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Uterus	Mass, cervix, tan, G2/ G2 = 15 x 15 x 10 mm.	Hyperplasia, endometrium, atypical, mild. B-polyp, endometrial stromal, mortality independent. Note: G2 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1447	Group: B2F	
Day of Death: 735	Terminal Body Weight: 336.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Ovary	Cyst(s), left, clear, G1/ G1 = 14 mm diameter.	Cyst(s), present. Note: G1 = cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1448	Group: B2F	
Day of Death: 737	Terminal Body Weight: 284.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	Dilatation, bile duct, green, G1/ bile duct dilated 5x5x5 mm.	Hyperplasia, bile duct, minimal. Dilatation, bile duct, present. Note: G1 = dilatation, bile duct.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Ovary	Cyst(s), bilateral, clear, G2/ 10x10x10 mm.	Cyst(s), present. Note: G2 = cyst.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1449	Group: B2F	
Day of Death: 737	Terminal Body Weight: 249.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Uterus	Mass, horn, left, dark, G1/ 25x9x9 mm.	B-polyp, endometrial stromal, mortality independent. Note: G1 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1450	Group: B2F	
Day of Death: 737	Terminal Body Weight: 247.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, moderate.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1451	Group: B2F	
Day of Death: 737	Terminal Body Weight: 265.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal. Inflammation, mild.
Mammary Gland	Mass, inguinal, left, tan, 20 x 13 x 10 mm, G3.	B-adenoma, mortality independent. Note: G3 = adenoma.
Ovary	Cyst(s), bilateral, clear, G2/ left = 5 mm diameter; right = 7 mm diameter.	Cyst(s), present. Note: G2 = cyst.
Pituitary Gland	Enlarged, 7 x 5 x 4 mm, dark, G1.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1452	Group: B2F	
Day of Death: 737	Terminal Body Weight: 276.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, 7 x 5 x 5 mm, dark, G1.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Skeletal Muscle	No gross observed on tissue.	Inflammation, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1453	Group: B2F	
Day of Death: 737	Terminal Body Weight: 269.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	Enlarged, 7 x 5 x 3 mm, dark, G1.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1454	Group: B2F	
Day of Death: 741	Terminal Body Weight: 315.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Ovary	Cyst(s), right, clear, G1/ 15x15x15 mm.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1455	Group: B2F	
Day of Death: 741	Terminal Body Weight: 233.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Mammary Gland	Mass, thoracic, left, tan, G1/ 25x25x20 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Ovary	Cyst(s), bilateral, clear, G2/ 12x12x12 mm.	Cyst(s), present. Note: G2 = cysts.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1456	Group: B2F	
Day of Death: 689	Terminal Body Weight: 189.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, 10 x 8 x 5 mm, dark, G1.	M-carcinoma, pars distalis, definitely fatal. Note: G1 = carcinoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1457	Group: B2F	
Day of Death: 475	Terminal Body Weight: 184.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Vagina	Prolapse, G1.	Prolapse, present. B-polyp, definitely fatal. Note: G1 = prolapse.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1458	Group: B2F	
Day of Death: 741	Terminal Body Weight: 342.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal. Hyperplasia, medulla, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Mammary Gland	Mass, inguinal, left, mottled, G1/ G1 = 53 x 40 x 25mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Ovary	Cyst(s), right, clear, G2/ G2 = 12 mm diameter.	Cyst(s), present. Note: G2 = cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G3/ G3 = 8 x 5 x 4 mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1459	Group: B2F	
Day of Death: 720	Terminal Body Weight: 252.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Mammary Gland	Mass, inguinal, right, mottled, 40 x 35 x 20 mm, G1/ G1 is ulcerated.	Tissue is unremarkable. Note: G1 = coded as skin.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	No gross observed on tissue.	M-fibrosarcoma, definitely fatal. Note: G1 = fibrosarcoma.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1460	Group: B2F	
Day of Death: 448	Terminal Body Weight: 280.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Mammary Gland	Mass, inguinal, left, tan, G1/ 70x70x30 mm.	B-adenoma, definitely fatal. Note: G1 = adenoma.
Spleen	Enlarged, G2/ 65x15x10 mm.	Extramedullary hematopoiesis (emh), marked. Note: G2 = emh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1461	Group: B2F	
Day of Death: 546	Terminal Body Weight: 182.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	Enlarged, mottled, G1/ 15x13x12 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1462	Group: B2F	
Day of Death: 741	Terminal Body Weight: 230.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, left, dark, G3/ 3x.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild. Note: G3 = cortical hypertrophy and hyperplasia.
Clitoral Gland	Enlarged, bilateral, green, G1/ G1 = 2x.	Cystic duct, present. Note: G1 = cystic ducts.
Harderian Gland	No gross observed on tissue.	Inflammation, moderate.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, minimal.
Lung	Deformity, intermediate lobe, right, pale, firm, G4/ G4 = 0.5x, irregular in shape.	Alveolar macrophages, increased, mild. Dysplasia, bronchiolar, mild. Note: G4 = bronchiolar dysplasia.
Lymph Node, Mandibular	Enlarged, bilateral, pale, G2/ G2 = 4x.	Hyperplasia, plasma cell, moderate. Note: G2 = plasma cell hyperplasia.
Nose/Turbinates	No gross observed on tissue.	Inflammation, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G5/ G5 = 12 x 10 x 10 mm.	B-adenoma, pars distalis, mortality independent. Note: G5 = adenoma, pd.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1463	Group: B2F	
Day of Death: 743	Terminal Body Weight: 263.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1464	Group: B2F	
Day of Death: 743	Terminal Body Weight: 289.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild. Degeneration, cystic, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Ovary	Cyst(s), bilateral, both 20 mm diameter, clear, G2.	Cyst(s), present. Note: G2 = cysts.
Skin	Nodule, thoracic, 5 x 4 x 4 mm, G1.	B-fibroma, mortality independent. Note: G1 = fibroma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1465	Group: B2F	
Day of Death: 743	Terminal Body Weight: 307.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1466	Group: B2F	
Day of Death: 609	Terminal Body Weight: 277.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	Cyst(s), left, clear, G3/ 5mm diameter.	Cyst(s), bile ducts, moderate. Note: G3 = bile duct cyst.
Ovary	Cyst(s), bilateral, clear, G1/ 5mm diameter.	Cyst(s), present. Note: G1 = cysts.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Vagina	Mass, pale, G2/ 26x24x20 mm G2 is ulcerated.	B-polyp, definitely fatal. Note: G2 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1467	Group: B2F	
Day of Death: 664	Terminal Body Weight: 184.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Cavity, Thoracic	Fluid, clear, G3/ 5 cc.	
Eye	No gross observed on tissue.	Tissue is unremarkable. Note: one eye = missing.
Harderian Gland	No gross observed on tissue.	Tissue is unremarkable. Note: one harderian gland = missing.
Nose/Turbinates	No gross observed on tissue.	Inflammation, mild.
Ovary	No gross observed on tissue.	Inflammation, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pharynx	No gross observed on tissue.	Inflammation, mild.
Salivary Gland	No gross observed on tissue.	Tissue is missing.
Spleen	Enlarged, G1/ 65x17x15 mm.	Extramedullary hematopoiesis (emh), moderate. Note: G1 = emh.
Thyroid Gland	No gross observed on tissue.	Tissue is missing.
Tongue	No gross observed on tissue.	Tissue is missing.
Uterus	Dilatation, horn, right, mottled, G2/ 27x20x20 mm.	M-sarcoma, stromal, definitely fatal. Note: G2 = stromal sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Femur; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Oral Mucosa; Pancreas; Pituitary Gland; Rectum; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1468	Group: B2F	
Day of Death: 743	Terminal Body Weight: 267.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1469	Group: B2F	
Day of Death: 743	Terminal Body Weight: 240.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1470	Group: B2F	
Day of Death: 731	Terminal Body Weight: 247.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, moderate. Infarct, marked.
Lung	Focus, up to 3 x 3 mm, white, G3/ G3 affects all lobes.	Alveolar macrophages, increased, mild. Note: G3 = increased alveolar macrophages.
Mammary Gland	Mass, inguinal, right, mottled, 35 x 35 x 20 mm, G1/ G1 is ulcerated.	M-carcinoma, definitely incidental. Note: G1 = carcinoma.
Parathyroid	No gross observed on tissue.	Fibrosis, mild.
Pituitary Gland	Enlarged, 6 x 6 x 6 mm, dark, G2.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1471	Group: B2F	
Day of Death: 598	Terminal Body Weight: 185.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Esophagus	No gross observed on tissue.	Tissue is missing.
Heart	No gross observed on tissue.	Tissue is missing.
Lung	No gross observed on tissue.	Tissue is missing.
Oral Mucosa	No gross observed on tissue.	Tissue is missing.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pharynx	No gross observed on tissue.	Tissue is missing.
Salivary Gland	No gross observed on tissue.	Tissue is missing.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Tissue is missing.
Tongue	No gross observed on tissue.	Tissue is missing.
Trachea	No gross observed on tissue.	Tissue is missing.
Uterus	Mass, horn, right, red, G1/ 10x8x7 mm.	M-carcinoma, definitely fatal.
		Note: G1 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Ovary; Pancreas; Pituitary Gland; Rectum; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1472	Group: B2F	
Day of Death: 745	Terminal Body Weight: 278.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	Enlarged, dark, G1/ 6x6x6 mm.	M-carcinoma, pars distalis, mortality independent. Note: G1 = carcinoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1473	Group: B2F	
Day of Death: 745	Terminal Body Weight: 330.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 = 14 x 12 x 6 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1474	Group: B2F	
Day of Death: 745	Terminal Body Weight: 267.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 = 5 x 5 x 5 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1475	Group: B2F	
Day of Death: 745	Terminal Body Weight: 261.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	Discoloration(s), white, G4/ up to 10x8 mm. All lobes affected.	Alveolar macrophages, increased, mild. Note: G4 = increased alveolar macrophages.
Pituitary Gland	Nodule, dark, G3/ G3 = 2 x 2 x 2 mm.	Hyperplasia, pars distalis, marked. Note: G3 = hyperplasia, pars distalis.
Spleen	Enlarged, G2/ G2 = 67 x 60 x 10 mm.	Extramedullary hematopoiesis (emh), moderate. Note: G2 = emh.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.
Uterus	Dilatation, bilateral, clear, G1/ G1 = 16 mm diameter.	Endometrial hyperplasia, cystic (ceh), marked. Hyperplasia, endometrium, atypical, mild. Note: G1 = cystic endometrial hyperplasia.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1476	Group: B2F	
Day of Death: 745	Terminal Body Weight: 304.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	Nodule, dark, G1/ G1 = 3 x 3 x 3 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pars distalis.
Sternum	No gross observed on tissue.	M-osteosarcoma, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1477	Group: B2F	
Day of Death: 745	Terminal Body Weight: 277.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1478	Group: B2F	
Day of Death: 745	Terminal Body Weight: 342.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Liver	Nodule, left lateral lobe, tan, G1/ G1 = 4 x 4 x 2 mm.	Lipidosis, focal, marked. Note: G1 = lipidosis, focal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1479	Group: B2F	
Day of Death: 745	Terminal Body Weight: 268.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Inflammation, mild.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Ovary	Cyst(s), bilateral, clear, G1/ G1 = up to 10 mm diameter.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1480	Group: B2F	
Day of Death: 598	Terminal Body Weight: 199.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Ovary	Cyst(s), right, clear, G1/ 10x10x10 mm.	Cyst(s), present. Note: G1 = cysts.
Pituitary Gland	Enlarged, dark, G3/ 12x12x12 mm.	B-adenoma, pars distalis, definitely fatal. Note: G3 = adenoma, pd.
Uterus	Dilatation, bilateral, G2/ 2x.	Endometrial hyperplasia, cystic (ceh), moderate. B-polyp, endometrial stromal, definitely incidental. Note: G2 = cystic endometrial hyperplasia.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1521	Group: B5F	
Day of Death: 729	Terminal Body Weight: 199.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Brain	No gross observed on tissue.	B-granular cell tumor, mortality independent.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Uterus	Mass, horn, red, left, G1/ G1 size = 6x5x4mm.	Endometrial hyperplasia, cystic (ceh), mild. Thrombosis, marked. Note: G1 = thrombosis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node; Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1522	Group: B5F	
Day of Death: 729	Terminal Body Weight: 252.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Ovary	Cyst(s), left, clear, G1/ G1 size = 20x20x20mm. Mass, right, tan, G2/ G2 size = 22x18x15mm.	Cyst(s), present. B-thecoma, mortality independent. Note: G1 = cyst, G2 = thecoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1523	Group: B5F	
Day of Death: 729	Terminal Body Weight: 236.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild. Thrombosis, moderate.
Uterus	Dilatation, horn, left, G1/ G1 size = 15mm in diameter.	Endometrial hyperplasia, cystic (ceh), moderate. Inflammation, marked. Note: G1 = inflammation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1524	Group: B5F	
Day of Death: 729	Terminal Body Weight: 225.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	Enlarged, mottled, G1/ G1 size = 10x5x5mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1525	Group: B5F	
Day of Death: 729	Terminal Body Weight: 234.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Ovary	Cyst(s), left, clear, G1/ G1 size = 15x10x7mm.	Cyst(s), present. Note: G1 = cyst.
Uterus	Mass, horn, tan, right, G2/ G2 size = 10x10x5mm.	M-carcinoma, mortality independent. Note: G2 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1526	Group: B5F	
Day of Death: 729	Terminal Body Weight: 252.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Ovary	Cyst(s), right, clear, G1/ G1 size = 13x13x13mm.	Cyst(s), present. Note: G1 = cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Uterus	No gross observed on tissue.	Hyperplasia, endometrium, atypical, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1527	Group: B5F	
Day of Death: 729	Terminal Body Weight: 209.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Lung	No gross observed on tissue.	Alveolar macrophages, increased, moderate. Inflammation, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Skin	Crust(s), dorsal, multiple, red, G1/ G1 size = up to 5x5mm.	Hyperplasia, epidermis, minimal. Note: G1 = epidermal hyperplasia.
Stomach	No gross observed on tissue.	Hyperplasia, mucosa, non-glandular, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1528	Group: B5F	
Day of Death: 729	Terminal Body Weight: 264.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1529	Group: B5F	
Day of Death: 729	Terminal Body Weight: 245.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1530	Group: B5F	
Day of Death: 731	Terminal Body Weight: 259.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Inflammation, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal. M-carcinoma, metastatic (uterus), mortality independent. Note: numerous metastatic foci of carcinoma present (origin = uterus).
Parathyroid	No gross observed on tissue.	Tissue is missing.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild. M-carcinoma, mortality independent. B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1531	Group: B5F	
Day of Death: 693	Terminal Body Weight: 93.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Tissue is missing.
Cecum	No gross observed on tissue.	Tissue is missing.
Clitoral Gland	No gross observed on tissue.	Tissue is missing.
Colon	No gross observed on tissue.	Tissue is missing.
Duodenum	No gross observed on tissue.	Tissue is missing.
Heart	No gross observed on tissue.	Tissue is missing.
Ileum	No gross observed on tissue.	Tissue is missing.
Jejunum	No gross observed on tissue.	Tissue is missing.
Kidney	No gross observed on tissue.	Tissue is missing.
Liver	No gross observed on tissue.	Tissue is missing.
Lung	No gross observed on tissue.	Tissue is missing.
Lymph Node, Mesenteric	No gross observed on tissue.	Tissue is missing.
Ovary	No gross observed on tissue.	Tissue is missing.
Pancreas	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Tissue is missing.
Rectum	No gross observed on tissue.	Tissue is missing.
Sciatic Nerve	No gross observed on tissue.	Tissue is missing.
Skeletal Muscle	No gross observed on tissue.	Tissue is missing.
Skin	No gross observed on tissue.	Tissue is missing.
Spleen	No gross observed on tissue.	Tissue is missing.
Stomach	No gross observed on tissue.	Tissue is missing.
Thymus	No gross observed on tissue.	Tissue is missing.
Urinary Bladder	No gross observed on tissue.	Tissue is missing.
Uterus	No gross observed on tissue.	Tissue is missing.

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1531	Group: B5F	
Day of Death: 693	Terminal Body Weight: 93.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Vagina	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Esophagus; Eye; Femur; Harderian Gland; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Salivary Gland; Spinal Cord; Sternum; Thyroid Gland; Tongue; Trachea; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1532	Group: B5F	
Day of Death: 731	Terminal Body Weight: 254.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Pituitary Gland	Nodule, tan, G1/ G1 size = 3x3x2mm.	Hyperplasia, pars distalis, marked. Note: G1 = hyperplasia, pars distalis.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1533	Group: B5F	
Day of Death: 731	Terminal Body Weight: 237.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Ovary	Cyst(s), right, clear, G1/ G1 size = 10x10x10mm.	Cyst(s), present. Note: G1 = cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1534	Group: B5F	
Day of Death: 546	Terminal Body Weight: 282.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, bilateral, G3/ 3x.	Hypertrophy, cortex, mild. Note: G3 = hypertrophy, cortex. Hypertrophy = diffuse.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pharynx	No gross observed on tissue.	Hyperplasia, mucosal epithelium, minimal. Inflammation, mild.
Pituitary Gland	Enlarged, mottled, G1/ 9x8x5 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.
Thyroid Gland	Enlarged, bilateral, G2/ 4x.	Hyperplasia, follicular cell, marked. B-adenoma, follicular cell, definitely incidental. Note: G2 = adenoma, follicular cell (one gland). G2 = hyperplasia, follicular cell (one gland).

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1535	Group: B5F	
Day of Death: 731	Terminal Body Weight: 241.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Ovary	Cyst(s), bilateral, clear, G1/ G1 size = 10x10x10mm.	Cyst(s), present. Note: G1 = cysts.
Pituitary Gland	Nodule, dark, G2/ G2 size = 2x2x2mm.	Hyperplasia, pars distalis, marked. Note: G2 = hyperplasia, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1536	Group: B5F	
Day of Death: 731	Terminal Body Weight: 261.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, moderate. Thrombosis, moderate.
Cavity, Abdominal	Fluid, approximately 15 ml, red, G1/ G1 = no sample taken.	
Clitoral Gland	No gross observed on tissue.	Inflammation, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Mesentery	Nodules, multiple, diffuse, tan, G4/ G4 size = up to 2x2x2mm.	M-mesothelioma, mortality independent. Note: G4 = malignant mesothelioma.
Ovary	Cyst(s), left, clear, G2/ G2 size = 9x9x9mm.	Cyst(s), present. M-mesothelioma, mortality independent.
	Cyst(s), right, clear, G3/ G3 size = 12x12x12mm.	Note: G2, G3 = cysts. Mesothelioma also noted.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1537	Group: B5F	
Day of Death: 731	Terminal Body Weight: 278.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, moderate.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	Mass, inguinal, tan, left, G2/ G2 size = 15x10x10mm.	Inflammation, mild. M-carcinoma, mortality independent. Note: G2 = carcinoma.
Ovary	Cyst(s), left, clear, G3/ G3 size = 10x5x5mm. Cyst(s), right, clear, G4/ G4 size = 20x15x10mm.	Cyst(s), present. Note: G3, G4 = cysts.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	Nodule, dark, G5/ G5 size = 2x2x2mm. Nodule, dark, G6/ G6 size = 2x2x2mm.	Hyperplasia, pars distalis, marked. Note: G5, G6 = hyperplasia, pars distalis.
Salivary Gland	No gross observed on tissue.	Inflammation, minimal.
Skin	Crust(s), dorsal, multiple, red, G1/ G1 size = up to 5x5mm.	Ulcer, epidermis, moderate. Note: G1 = ulcer.
Vagina	No gross observed on tissue.	M-carcinoma, squamous cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Rectum; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1538	Group: B5F	
Day of Death: 574	Terminal Body Weight: 249.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, definitely fatal. Note: G1 = polyp.
Vagina	Prolapse, G1.	Tissue is unremarkable. Note: G1 = coded as uterine stromal polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1539	Group: B5F	
Day of Death: 665	Terminal Body Weight: 220.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Cavity, Abdominal	Fluid, red, G1/ 10 ml.	
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	Nodule, left lateral lobe, white, G6/ 5x2x2 mm.	Hyperplasia, bile duct, mild. Thrombosis, moderate. Note: G6 = coded as mesentery.
Lung	No gross observed on tissue.	M-carcinoma, metastatic (uterus), definitely incidental. Note: metastatic carcinoma noted (uterine origin).
Lymph Node, Other	Enlarged, G4/ 2x, renal lymph node.	Miscellaneous tissue not examined. Note: G4 = coded as mesentery.
Mesentery	No gross observed on tissue.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G4, G5, G6 = carcinoma (metastatic from uterus). G6 adhesion to liver.
Pancreas	Mass, mottled, G5/ 65x50x25 mm.	Tissue is unremarkable. Note: G5 = coded as mesentery.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.
Urinary Bladder	Mass, wall, white, G7/ 9x7x5 mm.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G7 = carcinoma metastatic from uterus.
Uterus	Dilatation, horn, left, G2/ 10 mm diameter. Mass, horn, left, mottled, G3/ 27x20x17 mm.	Endometrial hyperplasia, cystic (ceh), marked. M-carcinoma, definitely fatal. Note: G2 = cystic endometrial hyperplasia (ceh). G3 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1540	Group: B5F	
Day of Death: 735	Terminal Body Weight: 232.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Ovary	Cyst(s), bilateral, clear, G2/ G2 = both 10mm ³ .	Cyst(s), present. Note: G2 = cysts.
Pituitary Gland	Nodule, dark, G1/ G1 = 3 x 3 x 3mm.	Hyperplasia, pars distalis, minimal. Note: G1 = hyperplasia, pars distalis.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1541	Group: B5F	
Day of Death: 735	Terminal Body Weight: 235.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Degeneration, cystic, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Hyperplasia, transitional epithelium, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild. Hyperplasia, pars intermedia, mild.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild. B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1542	Group: B5F	
Day of Death: 735	Terminal Body Weight: 242.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1543	Group: B5F	
Day of Death: 735	Terminal Body Weight: 209.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1544	Group: B5F	
Day of Death: 735	Terminal Body Weight: 206.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Skin	Nodule, cervical (neck), dark, G1/ G1 = 5 x 5 x 4mm.	M-carcinoma, basal cell, mortality independent. Note: G1 = basal cell carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1545	Group: B5F	
Day of Death: 735	Terminal Body Weight: 256.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Metazoan parasite, lumen, present.
Liver	No gross observed on tissue.	Focus, mixed cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1546	Group: B5F	
Day of Death: 735	Terminal Body Weight: 282.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1547	Group: B5F	
Day of Death: 735	Terminal Body Weight: 222.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Liver	Dilatation, bile duct, clear, G1/ G1 = 8 mm diameter.	Dilatation, bile duct, present. Note: G1 = bile duct dilatation.
Pituitary Gland	Enlarged, dark, G2/ G2 = 9 x 9 x 9 mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1548	Group: B5F	
Day of Death: 720	Terminal Body Weight: 388.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Mammary Gland	Mass, right, neck, mottled, 90 x 85 x 30 mm, G1/ G1 was ulcerated. Mass, thoracic, left, tan, 30 x25 x 15 mm, G2/ G2 was ulcerated.	B-adenoma, definitely incidental. M-carcinoma, definitely fatal. Note: G1 = adenoma. G2 = carcinoma.
Ovary	Cyst(s), left, 20 x 15 x 10 mm, clear, G3.	Cyst(s), present. Note: G3 = cyst.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, definitely incidental.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1549	Group: B5F	
Day of Death: 737	Terminal Body Weight: 234.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Mammary Gland	Mass, thoracic, left, tan, G1/ 30x20x20 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1550	Group: B5F	
Day of Death: 548	Terminal Body Weight: 237.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	Mass, right, white, G3/ 20x15x15 mm.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G3 = carcinoma, metastatic (from uterus).
Lung	No gross observed on tissue.	M-carcinoma, metastatic (uterus), definitely incidental. Note: metastatic carcinoma from uterus.
Lymph Node, Mediastinal	Enlarged, G1/ 3x.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G1 = metastatic carcinoma (from uterus).
Ovary	No gross observed on tissue.	Tissue is unremarkable. Note: one ovary = missing.
Pancreas	Mass, pale, G5/ 30x10x10 mm.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G5 = metastatic carcinoma (from uterus).
Skeletal Muscle	Thick, G2/ diaphragm, 3x.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G2 = metastatic carcinoma (uterus).
Uterus	Mass, pale, G4/ 55x35x25 mm.	Endometrial hyperplasia, cystic (ceh), moderate. M-carcinoma, definitely fatal. Note: G4 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1551	Group: B5F	
Day of Death: 737	Terminal Body Weight: 247.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1552	Group: B5F	
Day of Death: 490	Terminal Body Weight: 221.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Hyperplasia, transitional epithelium, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Vagina	Mass, tan, G1/ 7x5x3 mm.	B-polyp, definitely fatal. Note: G1 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1553	Group: B5F	
Day of Death: 737	Terminal Body Weight: 214.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Uterus	Dilatation, horn, right, 15 mm diameter, G1.	Endometrial hyperplasia, cystic (ceh), moderate. Note: G1 = cystic endometrial hyperplasia.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1554	Group: B5F	
Day of Death: 741	Terminal Body Weight: 257.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	Enlarged, right, dark, G1/ 6x5x5 mm.	B-adenoma, follicular cell, mortality independent. Note: G1 = adenoma, follicular cell.
Uterus	No gross observed on tissue.	Hyperplasia, endometrium, atypical, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1555	Group: B5F	
Day of Death: 741	Terminal Body Weight: 246.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	Dilatation, pelvis, left, G1/ 10x8 mm.	Nephropathy, minimal. Hydronephrosis, mild. Hyperplasia, transitional epithelium, mild. Note: G1 = hydronephrosis.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1556	Group: B5F	
Day of Death: 741	Terminal Body Weight: 192.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Uterus	Dilatation, bilateral, clear, G1/ G1 = up to 12 mm diameter.	M-carcinoma, mortality independent. Note: G1 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1557	Group: B5F	
Day of Death: 741	Terminal Body Weight: 308.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Focus, mixed cell, present. Lipidosis, focal, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Mammary Gland	Mass, thoracic, left, tan, G1/ G1 = 45 x 17 x 10 mm.	M-carcinoma, mortality independent. Note: G1 = carcinoma.
Ovary	Cyst(s), bilateral, clear, G3/ G3 = up to 34 mm ³ .	Cyst(s), present. Note: G3 = cyst.
Pituitary Gland	Nodule, dark, G2/ G2 = 2 x 2 x 2 mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pars distalis.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1558	Group: B5F	
Day of Death: 741	Terminal Body Weight: 227.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Lung	No gross observed on tissue.	Inflammation, minimal.
Pituitary Gland	Enlarged, tan, G1/ G1 = 6 x 5 x 5 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pars distalis.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1559	Group: B5F	
Day of Death: 532	Terminal Body Weight: 160.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Brain	Discoloration(s), red, G1/ 10x10 mm.	M-medulloblastoma, definitely fatal. Note: G1 = medulloblastoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1560	Group: B5F	
Day of Death: 532	Terminal Body Weight: 231.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Mammary Gland	Mass, thoracic, mottled, right, G1/ 40x40x15 mm.	M-carcinoma, definitely fatal. Note: G1 = carcinoma.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1561	Group: B5F	
Day of Death: 741	Terminal Body Weight: 248.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, moderate.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Uterus	Mass, horn, right, pale, G1/ G1 = 23 x 6 x 6 mm. Horn dilated distal to mass.	M-carcinoma, mortality independent. Note: G1 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1562	Group: B5F	
Day of Death: 741	Terminal Body Weight: 188.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Ovary	Cyst(s), right, pink, G1/ 15x15x15 mm. Cyst(s), left, clear, G2/ 10x10x10 mm.	Cyst(s), present. Note: G1, G2 = cysts.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1563	Group: B5F	
Day of Death: 743	Terminal Body Weight: 236.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Ovary	Cyst(s), bilateral, up to 18 mm diam, clear, G1.	Cyst(s), present. Note: G1 = cysts.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1564	Group: B5F	
Day of Death: 743	Terminal Body Weight: 215.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Mammary Gland	No gross observed on tissue.	Hyperplasia, mild.
Ovary	Cyst(s), bilateral, both 5 mm diameter, clear, G1.	Cyst(s), present. Note: G1 = cysts.
Uterus	Dilatation, horn, right, 5 mm diameter, G2.	B-polyp, endometrial stromal, mortality independent. Note: G2 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1565	Group: B5F	
Day of Death: 451	Terminal Body Weight: 221.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Inflammation, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G1/ 5x.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1566	Group: B5F	
Day of Death: 743	Terminal Body Weight: 209.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1567	Group: B5F	
Day of Death: 743	Terminal Body Weight: 231.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Stomach	Mass, forestomach, white, G1/ 15x13x8 mm.	Inflammation, non-glandular, minimal. Hyperplasia, mucosa, non-glandular, minimal. B-fibropapilloma, mortality independent. Note: G1 = fibropapilloma.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1568	Group: B5F	
Day of Death: 743	Terminal Body Weight: 204.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Liver	Cyst(s), bile duct, clear, 13 x 8 x 6 mm, G1/ common bile duct.	Dilatation, bile duct, present. Note: G1 = bile duct dilatation.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1569	Group: B5F	
Day of Death: 743	Terminal Body Weight: 265.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Ovary	No gross observed on tissue.	B-granulosa cell tumor, mortality independent.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1570	Group: B5F	
Day of Death: 743	Terminal Body Weight: 288.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Clitoral Gland	Mass, right, tan, 18 x10 x10 mm, G1/ mass is ulcerated.	M-carcinoma, mortality independent. Note: G1 = carcinoma.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Nose/Turbinates	No gross observed on tissue.	Inflammation, mild.
Ovary	Cyst(s), bilateral, up to 18 mm diam, clear, G2.	Cyst(s), present. Note: G2 = cysts.
Pituitary Gland	Enlarged, 10 x 8 x 6 mm, dark, G3.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Mammary Gland; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1571	Group: B5F	
Day of Death: 743	Terminal Body Weight: 246.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1572	Group: B5F	
Day of Death: 745	Terminal Body Weight: 274.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Ovary	Cyst(s), bilateral, clear, G1/ 10x10x10 mm.	Cyst(s), present. Note: G1 = cysts.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1573	Group: B5F	
Day of Death: 745	Terminal Body Weight: 248.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Ovary	Cyst(s), right, clear, G2/ G2 = 7 mm diameter.	Cyst(s), present. Note: G2 = cyst.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Uterus	Cyst(s), horn, right, clear, G1/ G1 = 3 mm diameter.	Endometrial hyperplasia, cystic (ceh), mild. Note: G1 = cystic endometrial hyperplasia.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1574	Group: B5F	
Day of Death: 451	Terminal Body Weight: 187.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Brain	Discoloration(s), cerebrum, mottled, right, G1/ 7x7 mm.	M-astrocytoma, definitely fatal. Note: G1 = astrocytoma.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1575	Group: B5F	
Day of Death: 651	Terminal Body Weight: 252.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Cavity, Thoracic	Fluid, clear, G1/ 10 ml.	
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Uterus	Dilatation, horn, bilateral, G2/ up to 30 mm.	Endometrial hyperplasia, cystic (ceh), marked. Note: G2 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1576	Group: B5F	
Day of Death: 745	Terminal Body Weight: 246.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Mammary Gland	No gross observed on tissue.	Hyperplasia, marked.
Ovary	Cyst(s), left, clear, G1/ G1 = 11 mm diameter.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1577	Group: B5F	
Day of Death: 693	Terminal Body Weight: 192.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Inflammation, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	Dilatation, pelvis, right, G4/ 12x6x6 mm.	Hydronephrosis, mild. Note: G4 = hydronephrosis.
Mesentery	No gross observed on tissue.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G3 = carcinoma, metastatic (origin = uterus).
Pancreas	Mass, 40 x 15 x 10 mm, mottled, G3.	Tissue is unremarkable. Note: G3 = coded as mesentery.
Uterus	Dilatation, right, 13 mm diameter, dark, G1. Mass, cervix, 17 x 15 x 6 mm, mottled, G2.	M-carcinoma, definitely fatal. Note: G1, G2 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1578	Group: B5F	
Day of Death: 745	Terminal Body Weight: 216.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Liver	Cyst(s), left lateral lobe, clear, G1/ G1 = 6 x 5 x 5 mm. Cyst(s), caudate lobe, clear, G2/ G2 = 12 x 12 x 8 mm. Multilocular.	Cyst(s), bile ducts, moderate. Note: G1, G2 = biliary duct cysts.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1579	Group: B5F	
Day of Death: 745	Terminal Body Weight: 209.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Ovary	Cyst(s), bilateral, clear, G2/ G2 = 10 mm diameter.	Cyst(s), present. Note: G2 = cysts.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.
Uterus	Dilatation, horn, left, clear, G1/ G1 = 18 mm diameter.	Endometrial hyperplasia, cystic (ceh), moderate. Note: G1 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1580	Group: B5F	
Day of Death: 745	Terminal Body Weight: 252.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1621	Group: E0.2F	
Day of Death: 729	Terminal Body Weight: 332.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	Mass, abdominal, tan, left, G2/ G2 size = 15x10x10mm.	B-adenoma, mortality independent. Note: G2 = adenoma.
Pituitary Gland	Enlarged, dark, G1/ G1 size = 6x5x5mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal. Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1622	Group: E0.2F	
Day of Death: 729	Terminal Body Weight: 314.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, tan, left, G1/ G1 size = 35x20x20mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1623	Group: E0.2F	
Day of Death: 729	Terminal Body Weight: 336.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, G4/ unilateral, 2x.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild. Degeneration, cystic, moderate. Note: G4 = cystic degeneration.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	Mass, abdominal, dark, left, G1/ G1 size= 15x10x5mm. Mass, abdominal, dark, right, G2/ G2 size = 27x25x13mm, G2 contains dark brown exudate.	B-adenoma, mortality independent 2 tumors present. Note: G1, G2 = adenoma.
Ovary	Cyst(s), right, red, G3/ 3x2x2 mm.	Cyst(s), present. Note: G3 = cyst.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, moderate.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1624	Group: E0.2F	
Day of Death: 729	Terminal Body Weight: 231.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal. Vacuolization, cytoplasm, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, moderate.
Liver	Dilatation, bile duct, dark, G3/ 3x2 mm.	Dilatation, bile duct, present. Note: G3 = dilatation, bile duct.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, moderate.
Mammary Gland	Mass, thoracic, tan, right, G2/ G2 size = 10x10x10mm.	B-adenoma, mortality independent. Note: G2 = adenoma.
Pituitary Gland	Mass, dark, G1/ G1 size = 6x5x5mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1625	Group: E0.2F	
Day of Death: 729	Terminal Body Weight: 357.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	B-schwannoma, endocardial, mortality independent.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Ovary	Cyst(s), right, clear, G1/ G1 size = 12x12x12mm.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Skin	Crust(s), pedal (foot), red, left, G2/ G2 size = 10x7mm.	Ulcer, epidermis, moderate. Note: G2 = ulcer.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1626	Group: E0.2F	
Day of Death: 612	Terminal Body Weight: 255.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hyperplasia, medulla, minimal.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Mammary Gland	No gross observed on tissue.	B-adenoma, definitely incidental.
Pituitary Gland	Enlarged, pink, G1/ 10x7x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1627	Group: E0.2F	
Day of Death: 729	Terminal Body Weight: 329.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	No gross observed on tissue.	Hyperplasia, mild.
Pituitary Gland	Focus, dark, G1/ 2x2 mm.	Hyperplasia, pars distalis, moderate. Note: G1 = hyperplasia, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.
Uterus	No gross observed on tissue.	Hyperplasia, endometrium, atypical, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1628	Group: E0.2F	
Day of Death: 631	Terminal Body Weight: 348.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, right, dark, G2/ 3x.	Hyperplasia, cortex, mild. B-pheochromocytoma, definitely incidental. Note: G2 = pheochromocytoma.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, left, red, G1/ 80x70x40 mm.	B-adenoma, definitely incidental. Cyst(s), ductal, present. Note: G1 = adenoma.
Pituitary Gland	Enlarged, red, G3/ 5x.	B-adenoma, pars distalis, definitely fatal. Note: G3 = adenoma, pd.
Vagina	No gross observed on tissue.	B-hemangioma, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1629	Group: E0.2F	
Day of Death: 729	Terminal Body Weight: 271.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, medulla, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lymph Node, Mesenteric	No gross observed on tissue.	B-hemangioma, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1630	Group: E0.2F	
Day of Death: 731	Terminal Body Weight: 296.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present. Lipidosis, focal, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1631	Group: E0.2F	
Day of Death: 731	Terminal Body Weight: 249.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Uterus	Dilatation, horn, clear, bilateral, G1/ G1 size = up to 10mm in diameter.	Endometrial hyperplasia, cystic (ceh), marked. Note: G1 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1632	Group: E0.2F	
Day of Death: 731	Terminal Body Weight: 376.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Mammary Gland	Mass, inguinal, tan, left, G1/ G1 size = 38x28x18mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1633	Group: E0.2F	
Day of Death: 612	Terminal Body Weight: 316.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Spleen	Enlarged, G1/ 65x16x8 mm.	Extramedullary hematopoiesis (emh), marked. Note: G1 = emh.
Vagina	Prolapse, mottled, G2.	M-leiomyosarcoma, definitely fatal. Note: G2 = leiomyosarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1634	Group: E0.2F	
Day of Death: 675	Terminal Body Weight: 561.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate. Hypertrophy, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, mild. Hyperplasia, transitional epithelium, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	B-hemangioma, definitely incidental.
Mammary Gland	Mass, thoracic, 100 x 90 x 30 mm, ulcerated, G1.	B-adenoma, definitely incidental. Note: G1 = adenoma.
Pituitary Gland	Nodule, dark, G2/ 2x2x2 mm.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate. Hyperplasia, lymphoid, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1635	Group: E0.2F	
Day of Death: 496	Terminal Body Weight: 217.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Inflammation, minimal.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Uterus	Dilatation, body, red, G1/ 40x40x20 mm.	M-sarcoma, stromal, definitely fatal. Note: G1 = stromal sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1636	Group: E0.2F	
Day of Death: 731	Terminal Body Weight: 486.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, right, mottled, G4/ G4 size = 3x.	Degeneration, cystic, marked. Note: G4 = cystic degeneration.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, moderate.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, tan, right, G1/ G1 size = 65x50x27mm. Mass, thoracic, tan, left, G2/ G2 size = 20x20x10mm.	B-adenoma, mortality independent 2 tumors present. Cyst(s), ductal, present. Note: G1, G2 = adenoma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Nodule, dark, G5/ G5 size = 4x4x2mm.	Hyperplasia, pars distalis, marked. Note: G5 = hyperplasia, pd.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Skin	Crust(s), pedal (foot), dark, left, G3/ G3 size = 14x12mm.	Ulcer, epidermis, moderate. Note: G3 = ulcer.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1637	Group: E0.2F	
Day of Death: 731	Terminal Body Weight: 356.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, medulla, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild. Inflammation, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1638	Group: E0.2F	
Day of Death: 731	Terminal Body Weight: 321.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, medulla, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Harderian Gland	No gross observed on tissue.	Hyperplasia, glandular epithelium, mild.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	Enlarged, dark, G1/ G1 size = 7x7x7mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1639	Group: E0.2F	
Day of Death: 676	Terminal Body Weight: 258.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	Dilatation, pelvis, bilateral, G2/ 3x.	Hydronephrosis, mild. Inflammation, mild. Infarct, chronic, moderate. Note: G2 = inflammation.
Liver	No gross observed on tissue.	Focus, mixed cell, present.
Urinary Bladder	Mass, lumen, mottled, G1/ 30x17x15 mm.	M-carcinoma, squamous cell, definitely fatal. Note: G1 = squamous cell carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1640	Group: E0.2F	
Day of Death: 735	Terminal Body Weight: 321.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G1/ G1 = 6 x 5 x 4mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1641	Group: E0.2F	
Day of Death: 735	Terminal Body Weight: 352.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate. Degeneration, cystic, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal. Hyperplasia, alveolar epithelium, minimal.
Ovary	No gross observed on tissue.	B-granulosa cell tumor, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	Mass, cervix, pale, G1/ G1 = 20 x 20 x 10mm.	B-polyp, endometrial stromal, mortality independent. Note: G1 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1642	Group: E0.2F	
Day of Death: 735	Terminal Body Weight: 325.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Hyperplasia, endothelium, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Rectum	No gross observed on tissue.	Lymphoid hyperplasia, submucosa, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1643	Group: E0.2F	
Day of Death: 735	Terminal Body Weight: 418.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	Cyst(s), median lobe, G1/ 6x5x5 mm.	Focus, basophilic cell, present. Cyst(s), bile ducts, mild. Note: G1 = bile duct cyst.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1644	Group: E0.2F	
Day of Death: 735	Terminal Body Weight: 387.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Stomach	No gross observed on tissue.	Mineralization, minimal.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild. B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1645	Group: E0.2F	
Day of Death: 735	Terminal Body Weight: 300.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Pituitary Gland	Nodule, tan, G1/ G1 = 2 x 2 x 2 mm.	Hyperplasia, pars distalis, moderate. Note: G1 = hyperplasia, pars distalis.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1646	Group: E0.2F	
Day of Death: 735	Terminal Body Weight: 213.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 = 10 x 10 x 6 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1647	Group: E0.2F	
Day of Death: 533	Terminal Body Weight: 518.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Extramedullary hematopoiesis (emh), minimal.
Mammary Gland	Mass, thoracic, mottled, right, G1/ 115x95x60 mm.	B-adenoma, definitely fatal. Note: G1 = adenoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1648	Group: E0.2F	
Day of Death: 737	Terminal Body Weight: 333.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	Nodule, dark, G1/ 4x4x3 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1649	Group: E0.2F	
Day of Death: 737	Terminal Body Weight: 340.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1650	Group: E0.2F	
Day of Death: 737	Terminal Body Weight: 366.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, moderate.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, moderate.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1651	Group: E0.2F	
Day of Death: 737	Terminal Body Weight: 277.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal. Vacuolization, cytoplasm, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Liver	Hdn, median lobe, two, G2/ both 5 x 5 x 3 mm.	Hyperplasia, bile duct, minimal. Hepatodiaphragmatic nodule (hdn), present. Note: G2 = hdn.
Mammary Gland	No gross observed on tissue.	Hyperplasia, minimal.
Pituitary Gland	Enlarged, 3 x, G3.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Thymus	Enlarged, 5 x, G1.	F-lymphoma, mortality independent. Note: G1 = lymphoma.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1652	Group: E0.2F	
Day of Death: 737	Terminal Body Weight: 332.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1653	Group: E0.2F	
Day of Death: 737	Terminal Body Weight: 262.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	B-schwannoma, endocardial, mortality independent.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Ovary	Cyst(s), left, 4 x 4 x 4 mm, clear, G1.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	Nodule, 4 x 3 x 3 mm, dark, G2.	Hyperplasia, pars distalis, moderate. Note: G2 = hyperplasia, pars distalis.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1654	Group: E0.2F	
Day of Death: 741	Terminal Body Weight: 262.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Thyroid Gland	Cyst(s), right, red, G1/ 3x2x1 mm.	B-adenoma, c-cell, mortality independent. Note: G1 = cyst.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1655	Group: E0.2F	
Day of Death: 741	Terminal Body Weight: 330.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 = 7 x 6 x 4mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1656	Group: E0.2F	
Day of Death: 685	Terminal Body Weight: 313.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Cavity, Abdominal	Fluid, approximately 15 ml, green, G2/ no sample taken.	
Kidney	No gross observed on tissue.	Hydronephrosis, minimal.
Ovary	Cyst(s), bilateral, red, G3/ up to 35x25x25 mm.	Cyst(s), present. B-adenoma, definitely incidental. Note: G3 = adenoma (cystadenoma, one ovary) and cyst (one ovary).
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Uterus	Dilatation, bilateral, horns, 10 x 8 x 8 mm, G1.	Endometrial hyperplasia, cystic (ceh), marked. Note: G1 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1657	Group: E0.2F	
Day of Death: 741	Terminal Body Weight: 243.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Inflammation, minimal. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal. Inflammation, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1658	Group: E0.2F	
Day of Death: 652	Terminal Body Weight: 214.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	Enlarged, mottled, G1/ 12x10x8 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1659	Group: E0.2F	
Day of Death: 741	Terminal Body Weight: 274.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild. Inflammation, minimal. Lipidosis, diffuse, mild.
Mammary Gland	Mass, thoracic, left, mottled, G1/ G1 = 50 x 30 x 20 mm.	M-carcinoma, mortality independent. Note: G1 = carcinoma.
Pituitary Gland	Enlarged, dark, G2/ G2 = 9 x 7 x 6 mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1660	Group: E0.2F	
Day of Death: 703	Terminal Body Weight: 266.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Cecum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hyperplasia, transitional epithelium, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Pituitary Gland	Enlarged, 10 x 8 x 8 mm, dark, G1.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1661	Group: E0.2F	
Day of Death: 741	Terminal Body Weight: 296.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild. Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1662	Group: E0.2F	
Day of Death: 741	Terminal Body Weight: 266.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	Enlarged, red, G1/ G1 = 9 x 8 x 4 mm.	M-carcinoma, pars distalis, mortality independent. Note: G1 = carcinoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1663	Group: E0.2F	
Day of Death: 743	Terminal Body Weight: 400.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, moderate.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Mammary Gland	No gross observed on tissue.	Hyperplasia, mild.
Pituitary Gland	Enlarged, 10 x 8 x 5 mm, red, G1.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1664	Group: E0.2F	
Day of Death: 743	Terminal Body Weight: 345.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Uterus	No gross observed on tissue.	Squamous metaplasia, endometrium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1665	Group: E0.2F	
Day of Death: 743	Terminal Body Weight: 267.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	No gross observed on tissue.	Fibrosis, periductal, mild.
Ovary	Cyst(s), bilateral, G1/ left = 12 mm diam; right = 18 mm diam.	Cyst(s), present. Note: G1 = cysts.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1666	Group: E0.2F	
Day of Death: 743	Terminal Body Weight: 347.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hyperplasia, tubular, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, 37 x 33 x 18 mm, G1.	B-adenoma, mortality independent. Note: G1 = adenoma.
Ovary	Cyst(s), right, 16 mm diameter, clear, G2.	Cyst(s), present. Note: G2 = cyst.
Pituitary Gland	Nodule, 4 x 3 x 2 mm, G3.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Uterus	No gross observed on tissue.	Inflammation, minimal. Hyperplasia, endometrium, atypical, minimal. Squamous metaplasia, endometrium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1667	Group: E0.2F	
Day of Death: 743	Terminal Body Weight: 418.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hyperplasia, medulla, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1668	Group: E0.2F	
Day of Death: 743	Terminal Body Weight: 386.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Hydronephrosis, mild. Inflammation, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present. Focus, eosinophilic, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Stomach	No gross observed on tissue.	Hyperplasia, mucosa, glandular, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1669	Group: E0.2F	
Day of Death: 743	Terminal Body Weight: 372.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Inflammation, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pancreas	No gross observed on tissue.	Basophilic focus, acinar cell, present.
Pituitary Gland	Nodule, 3 x 3 x 3 mm, pink, G1.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Stomach	No gross observed on tissue.	Mineralization, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1670	Group: E0.2F	
Day of Death: 743	Terminal Body Weight: 203.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.
Uterus	Mass, cervix, 15 x 15 x 15 mm, G1.	M-carcinoma, mortality independent.
	Dilatation, horn, right, 10 mm diameter,	B-polyp, endometrial stromal, mortality independent.
	G2.	Note: G1, G2 = uterine carcinoma and polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1671	Group: E0.2F	
Day of Death: 743	Terminal Body Weight: 301.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Mammary Gland	Mass, abdominal, 28 x 15 x 10 mm, G1.	B-adenoma, mortality independent. Note: G1 = adenoma.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1672	Group: E0.2F	
Day of Death: 666	Terminal Body Weight: 293.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Eye	No gross observed on tissue.	Tissue is unremarkable. Note: one eye = missing.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	Cyst(s), left, clear, G1/ 11x11x11 mm.	Cyst(s), tubular, moderate. Note: G1 = cyst.
Ovary	No gross observed on tissue.	Inflammation, moderate.
Thyroid Gland	Cyst(s), pink, G3/ 5 mm diameter.	B-adenoma, follicular cell, definitely incidental. Note: G3 = adenoma, follicular cell.
Uterus	Mass, horn, left, dark, G2/ 8x8x8 mm.	Inflammation, mild. M-carcinoma, definitely fatal. Note: G2 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1673	Group: E0.2F	
Day of Death: 745	Terminal Body Weight: 368.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	Enlarged, dark, G1/ G1 = 7 x 6 x 6 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1674	Group: E0.2F	
Day of Death: 745	Terminal Body Weight: 198.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hyperplasia, transitional epithelium, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Pituitary Gland	Enlarged, red, G1/ G1 = 13 x 9 x 5 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1675	Group: E0.2F	
Day of Death: 700	Terminal Body Weight: 197.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Eye	No gross observed on tissue.	Tissue is unremarkable. Note: one eye = missing.
Harderian Gland	No gross observed on tissue.	Tissue is unremarkable. Note: one harderian gland = missing.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Salivary Gland	No gross observed on tissue.	Tissue is missing.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Tissue is missing.
Tongue	No gross observed on tissue.	Tissue is missing.
Trachea	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Femur; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Pituitary Gland; Rectum; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1676	Group: E0.2F	
Day of Death: 745	Terminal Body Weight: 251.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal. Hyperplasia, alveolar epithelium, minimal.
Ovary	Cyst(s), right, clear, G1/ G1 = 13 mm diameter.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Uterus	Dilatation, horn, right, clear, G2/ G2 = 8 mm diameter.	Endometrial hyperplasia, cystic (ceh), moderate. Note: G2 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1677	Group: E0.2F	
Day of Death: 745	Terminal Body Weight: 391.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Mammary Gland	Mass, inguinal, right, mottled, G1/ G1 = 47 x 25 x 16 mm.	Hyperplasia, minimal. B-adenoma, mortality independent. Note: G1 = adenoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1678	Group: E0.2F	
Day of Death: 745	Terminal Body Weight: 372.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, moderate. Degeneration, cystic, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1679	Group: E0.2F	
Day of Death: 745	Terminal Body Weight: 294.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild.
Pituitary Gland	Enlarged, dark, G1/ 10x7x4 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1680	Group: E0.2F	
Day of Death: 745	Terminal Body Weight: 271.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild.
Mammary Gland	Mass, thoracic, right, mottled, G1/ G1 = 35 x 23 x 13 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Ovary	Cyst(s), bilateral, clear, G2/ G2 = up to 16 mm diameter.	Cyst(s), present. Note: G2 = cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Uterus	No gross observed on tissue.	M-carcinoma, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1721	Group: E2F	
Day of Death: 729	Terminal Body Weight: 295.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Degeneration, cystic, mild.
Clitoral Gland	No gross observed on tissue.	Tissue is missing.
Ovary	Cyst(s), left, clear, G2/ G2 size = 13x13x13mm. Cyst(s), right, clear, G3/ G3 size = 15x15x15mm.	Cyst(s), present. Note: G2, G3 = cysts.
Pituitary Gland	Enlarged, tan, G1/ G1 size = 7x5x4mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1722	Group: E2F	
Day of Death: 729	Terminal Body Weight: 231.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Ovary	Cyst(s), left, clear, G1/ G1 size = 11x11x11mm. Cyst(s), right, clear, G2/ G2 size = 8x8x8mm.	Cyst(s), present. Note: G1, G2 = cysts.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1723	Group: E2F	
Day of Death: 729	Terminal Body Weight: 308.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild. Degeneration, cystic, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1724	Group: E2F	
Day of Death: 729	Terminal Body Weight: 246.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Skin	Mass, inguinal, pale, soft, G1/ G1 size = 13x12x12mm.	B-lipoma, mortality independent. Note: G1 = lipoma.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, minimal.
Uterus	No gross observed on tissue.	Hyperplasia, endometrium, atypical, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1725	Group: E2F	
Day of Death: 616	Terminal Body Weight: 372.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild. Degeneration, cystic, minimal.
Pituitary Gland	Enlarged, dark, G1/ 15x8x8 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1726	Group: E2F	
Day of Death: 729	Terminal Body Weight: 288.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Ovary	No gross observed on tissue.	Tissue is unremarkable. Note: one ovary = missing.
Pituitary Gland	Mass, mottled, G1/ G1 size = 7x6x3mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Uterus	Mass, body, tan, G2/ G2 size = 15x12x7mm.	B-polyp, endometrial stromal, mortality independent. Note: G2 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1727	Group: E2F	
Day of Death: 729	Terminal Body Weight: 254.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Ovary	Cyst(s), left, clear, G2/ G2 size = 12x12x12mm. Cyst(s), right, clear, G3/ G3 size = 9x9x9mm.	Cyst(s), present. Note: G2, G3 = cysts.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Uterus	Dilatation, horn, right, G1/ G1 size = 35x17x12mm.	B-polyp, endometrial stromal, mortality independent. Note: G1 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1728	Group: E2F	
Day of Death: 540	Terminal Body Weight: 226.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Cavity, Thoracic	Fluid, red, G1/ ~10 cc.	
Harderian Gland	No gross observed on tissue.	Inflammation, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	M-histiocytic sarcoma, definitely incidental.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild. Inflammation, mild. Hyperplasia, alveolar epithelium, mild. M-histiocytic sarcoma, definitely incidental.
Lymph Node, Other	Enlarged, dark, G3/ lumbar lymph node = enlarged 3x.	M-histiocytic sarcoma, definitely incidental. Note: G3 = histiocytic sarcoma.
Thymus	No gross observed on tissue.	Inflammation, mild.
Uterus	Mass, horn, mottled, right, G2/ 36x36x22 mm.	M-histiocytic sarcoma, definitely fatal. Note: G2 = histiocytic sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1729	Group: E2F	
Day of Death: 661	Terminal Body Weight: 237.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	Dilatation, right, G2/ 7x5x5 mm.	Nephropathy, mild. Hydronephrosis, mild. Note: G2 = hydronephrosis.
Pituitary Gland	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, definitely incidental.
Urinary Bladder	No gross observed on tissue.	Tissue is missing.
Uterus	Mass, mottled, G1/ 65x55x40 mm.	M-sarcoma, stromal, definitely fatal. Note: G1 = stromal sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1730	Group: E2F	
Day of Death: 731	Terminal Body Weight: 363.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Inflammation, mild. Hyperplasia, alveolar epithelium, minimal.
Mammary Gland	No gross observed on tissue.	Hyperplasia, minimal. Cyst(s), ductal, present.
Ovary	Cyst(s), right, clear, G1/ G1 size = 18x14x10mm.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	Enlarged, dark, G2/ G2 size = 12x11x8mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1731	Group: E2F	
Day of Death: 450	Terminal Body Weight: 176.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Inflammation, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lung	No gross observed on tissue.	F-lymphoma, definitely fatal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1732	Group: E2F	
Day of Death: 731	Terminal Body Weight: 326.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Lung	Focus, multiple, white, G4/ up to 4x3 mm, all lobes affected.	Alveolar macrophages, increased, mild. Inflammation, minimal. Note: G4 = increased alveolar macrophages.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Nodule, dark, G3/ G3 size = 1x1x1mm.	Hyperplasia, pars distalis, mild. Note: G3 = hyperplasia, pars distalis.
Uterus	Mass, body, tan, G2/ G2 size = 15x15x5mm.	B-polyp, endometrial stromal, mortality independent. Note: G2 = polyp.
Vagina	Mass, tan, G1/ G1 size = 15x10x5mm.	B-polyp, mortality independent. Note: G1 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1733	Group: E2F	
Day of Death: 731	Terminal Body Weight: 322.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, medulla, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	Cyst(s), caudate lobe, clear, G2/ G2 size = 25x25x20mm.	B-adenoma, biliary, mortality independent. Note: G2 = adenoma, biliary.
Pituitary Gland	Enlarged, dark, G3/ G3 size = 10x10x8mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Spleen	Nodule, dark, G1/ G1 size = 5x5x2mm.	B-hemangioma, mortality independent. Note: G1 = hemangioma.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1734	Group: E2F	
Day of Death: 731	Terminal Body Weight: 210.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, basophilic cell, present.
Lung	Focus, multiple, tan, G2/ G2 size = up to 2x2mm, all lung lobes are affected.	Alveolar macrophages, increased, mild. Note: G2 = increased alveolar macrophages.
Ovary	Cyst(s), left, clear, G1/ G1 size = 10x8x5mm.	Cyst(s), present. Note: G1 = cyst.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1735	Group: E2F	
Day of Death: 731	Terminal Body Weight: 218.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Duodenum	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	Dilatation, bile duct, clear, G1/ G1 size = 10mm in diameter.	Hyperplasia, bile duct, mild. Dilatation, bile duct, present. Note: G1 = bile duct dilatation.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1736	Group: E2F	
Day of Death: 731	Terminal Body Weight: 338.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	Dilatation, bile duct, clear, G1/ G1 size = 3mm in diameter.	Dilatation, bile duct, present. Note: G1 = bile duct dilatation.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1737	Group: E2F	
Day of Death: 703	Terminal Body Weight: 469.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Brain	No gross observed on tissue.	B-granular cell tumor, definitely fatal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Mammary Gland	No gross observed on tissue.	B-adenoma, definitely incidental. Note: G1 = adenoma.
Skin	Mass, lateral, right, mottled, 105 x 100 x 45 mm, G1/ mass is ulcerated.	Tissue is unremarkable. Note: G1 = coded as mammary gland.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1738	Group: E2F	
Day of Death: 731	Terminal Body Weight: 262.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Cecum	No gross observed on tissue.	F-lymphoma, mortality independent.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lymph Node, Mesenteric	Enlarged, tan, G4/ 4x.	F-lymphoma, mortality independent. Note: G4 = lymphoma.
Mammary Gland	Mass, inguinal, mottled, left, G1/ G1 size = 12x12x8mm.	Cyst(s), ductal, present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.
Uterus	Mass, body, tan, G3/ G3 size = 20x15x15mm.	Endometrial hyperplasia, cystic (ceh), minimal. M-sarcoma, stromal, mortality independent. Note: G3 = stromal sarcoma.
Vagina	Mass, tan, G2/ G2 size = 40x30x20mm.	B-polyp, mortality independent. Note: G2 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1739	Group: E2F	
Day of Death: 735	Terminal Body Weight: 316.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Ovary	Cyst(s), bilateral, clear, G1/ right = 15x15x15 mm, left = 25x20x20 mm.	Cyst(s), present. Note: G1 = cysts.
Pituitary Gland	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1740	Group: E2F	
Day of Death: 735	Terminal Body Weight: 314.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Kidney	No gross observed on tissue.	Mineralization, minimal. Hyperplasia, transitional epithelium, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	Nodule, dark, G1/ G1 = 3x3x3mm.	B-adenoma, pars intermedia, mortality independent. Note: G1 = adenoma, pars intermedia.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1741	Group: E2F	
Day of Death: 735	Terminal Body Weight: 261.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Ovary	Cyst(s), right, clear, G1/ G1 = 11mm ³ .	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1742	Group: E2F	
Day of Death: 486	Terminal Body Weight: 212.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	B-schwannoma, endocardial, definitely fatal.
Kidney	No gross observed on tissue.	Hydronephrosis, minimal.
Thymus	Mass, mottled, G1/ 33x30x20 mm.	M-histiocytic sarcoma, definitely incidental. Note: G1 = histiocytic sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1743	Group: E2F	
Day of Death: 735	Terminal Body Weight: 235.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1744	Group: E2F	
Day of Death: 735	Terminal Body Weight: 291.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, mottled, G1/ G1 = 14x9x6mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1745	Group: E2F	
Day of Death: 735	Terminal Body Weight: 228.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1746	Group: E2F	
Day of Death: 735	Terminal Body Weight: 279.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Ovary	Cyst(s), bilateral, clear, G1/ G1 = up to 5 mm ³ .	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1747	Group: E2F	
Day of Death: 735	Terminal Body Weight: 292.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Inflammation, mild.
Ovary	Cyst(s), bilateral, clear, G1/ G1 = up to 10x10x10 mm.	Cyst(s), present. Note: G1 = cysts.
Skin	Crust(s), caudal (tail), multiple, red, G2/ up to 6x6 mm.	Ulcer, epidermis, marked. Inflammation, moderate. Note: G2 = inflammation and ulcer.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1748	Group: E2F	
Day of Death: 737	Terminal Body Weight: 345.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	Mass, inguinal, right, tan, G1/ 50x50x50 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thymus	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1749	Group: E2F	
Day of Death: 737	Terminal Body Weight: 372.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild. Degeneration, cystic, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Mammary Gland	No gross observed on tissue.	Hyperplasia, minimal.
Pituitary Gland	Enlarged, dark, G1/ 8x8x6 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1750	Group: E2F	
Day of Death: 737	Terminal Body Weight: 299.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	Dilatation, bile duct, up to 9 mm diameter, G3. Cyst(s), anterior, right, G4/ 7x6x5 mm.	Dilatation, bile duct, present. Cyst(s), bile ducts, moderate. Note: G3 = bile duct dilatation. G4 = bile duct cysts.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	Mass, inguinal, tan, granular, G1/ G1 is ulcerated, 25x18x15 mm. Mass, inguinal, left, tan, G2/ 27x24x15 mm.	B-adenoma, mortality independent 2 tumors present. Note: G1, G2 = adenoma.
Pituitary Gland	Enlarged, dark, G5/ 7x6x6 mm.	B-adenoma, pars distalis, mortality independent. Note: G5 = adenoma, pd.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1751	Group: E2F	
Day of Death: 737	Terminal Body Weight: 300.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild. Degeneration, cystic, mild.
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Cyst(s), tubular, minimal.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, moderate.
Ovary	No gross observed on tissue.	B-granulosa cell tumor, mortality independent.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Skin	Crust(s), dorsal, dark, G1/ 2x2 mm.	Inflammation, mild. Note: G1 = inflammation.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1752	Group: E2F	
Day of Death: 737	Terminal Body Weight: 267.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Mammary Gland	No gross observed on tissue.	Hyperplasia, minimal.
Ovary	Cyst(s), bilateral, clear, G1/ right = 7 mm diameter; left = 3 mm diameter.	Cyst(s), present. Note: G1 = cysts.
Pituitary Gland	Enlarged, G2/ 7x7x6 mm.	B-adenoma, pars distalis, mortality independent. Note: G2 = adenoma, pd.
Uterus	Dilatation, cervix, G3/ 10x8x8 mm.	B-polyp, endometrial stromal, mortality independent. Note: G3 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1753	Group: E2F	
Day of Death: 737	Terminal Body Weight: 278.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Inflammation, minimal. Hyperplasia, transitional epithelium, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1754	Group: E2F	
Day of Death: 741	Terminal Body Weight: 359.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Zymbal's Gland	Mass, tan, G1/ 10x10x10 mm.	Ductal cyst, present. Note: G1 = ductal cyst.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1755	Group: E2F	
Day of Death: 741	Terminal Body Weight: 319.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild. Degeneration, cystic, mild.
Lung	Focus, multiple, white, G1/ up to 4x4 mm, all lobes affected.	Alveolar macrophages, increased, moderate. Note: G1 = increased alveolar macrophages.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1756	Group: E2F	
Day of Death: 719	Terminal Body Weight: 379.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Mammary Gland	Mass, abdominal, mottled, right, G1/ 95x70x45 mm.	B-adenoma, definitely fatal. Note: G1 = adenoma.
Skin	Mass, forelimb, left, clear, G2/ 30x20x9 mm, skin mass (G2) filled with clear fluid.	Tissue is unremarkable. Note: G2 = missing.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1757	Group: E2F	
Day of Death: 741	Terminal Body Weight: 292.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Ovary	Cyst(s), left, clear, G1/ G1 = 10 mm diameter.	B-granulosa cell tumor, mortality independent. Note: G1 = granulosa cell tumor.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Vagina	Mass, wall, white, G2/ G2 = 20x16x14 mm.	B-leiomyoma, mortality independent. Note: G2 = leiomyoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1758	Group: E2F	
Day of Death: 741	Terminal Body Weight: 322.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Cyst(s), bile ducts, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.
Vagina	No gross observed on tissue.	Fibrosis, submucosa, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1759	Group: E2F	
Day of Death: 598	Terminal Body Weight: 317.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	Mass, inguinal, mottled, G1/ 70x65x55 mm.	M-carcinoma, definitely fatal. Note: G1 = carcinoma.
Spleen	Enlarged, G2/ 60x12x8 mm.	Extramedullary hematopoiesis (emh), marked. Note: G2 = emh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1760	Group: E2F	
Day of Death: 741	Terminal Body Weight: 262.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	Focus, multiple, pale, G1/ G1 = up to 3x3 mm.	Alveolar macrophages, increased, mild. Note: G1 = increased alveolar macrophages.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1761	Group: E2F	
Day of Death: 741	Terminal Body Weight: 277.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, mixed cell, present. Focus, basophilic cell, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1762	Group: E2F	
Day of Death: 741	Terminal Body Weight: 270.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Degeneration, cystic, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, eosinophilic, present.
Mammary Gland	Mass, abdominal, right, mottled, G4/ 19x15x10 mm.	B-adenoma, mortality independent. Note: G4 = adenoma.
Ovary	Cyst(s), left, clear, G1/ G1 = 10x8x2 mm.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	Enlarged, dark, G3/ G3 = 8x6x4 mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, follicular cell, mild.
Uterus	Mass, body, mottled, G2/ G2 = 60x40x15 mm.	M-sarcoma, stromal, mortality independent. Note: G2 = stromal sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1763	Group: E2F	
Day of Death: 743	Terminal Body Weight: 284.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Mammary Gland	Mass, thoracic, G1/ 40x30x28 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1764	Group: E2F	
Day of Death: 743	Terminal Body Weight: 283.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Degeneration, cystic, mild.
Clitoral Gland	No gross observed on tissue.	Inflammation, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal. Focus, eosinophilic, present.
Ovary	Cyst(s), left, 10 mm diameter, clear, G1.	Cyst(s), present. Note: G1 = cyst.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1765	Group: E2F	
Day of Death: 743	Terminal Body Weight: 250.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	Hdn, median lobe, G1/ 7x6x2 mm.	Focus, basophilic cell, present. Hepatodiaphragmatic nodule (hdn), present. Note: G1 = hdn.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1766	Group: E2F	
Day of Death: 743	Terminal Body Weight: 284.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Ovary	Mass, left, tan, G1/ 6x6x6 mm.	B-sertoli cell tumor, mortality independent. B-luteoma, mortality independent. Note: G1 = luteoma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent 2 tumors present.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1767	Group: E2F	
Day of Death: 743	Terminal Body Weight: 325.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild. Degeneration, cystic, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thymus	Enlarged, tan, G2/ 20x20x10 mm.	M-thymoma, mortality independent. Note: G2 = thymoma.
Uterus	Dilatation, horn, right, dark, 4 mm diameter, G1.	Endometrial hyperplasia, cystic (ceh), moderate. Note: G1 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1768	Group: E2F	
Day of Death: 743	Terminal Body Weight: 250.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Liver	Hdn, left lateral lobe, 5 x 4 x 4 mm, G2.	Hepatodiaphragmatic nodule (hdn), present. Note: G2 = hdn.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Ovary	Cyst(s), bilateral, clear, up to 15 mm, G1.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Stomach	No gross observed on tissue.	Mineralization, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1769	Group: E2F	
Day of Death: 710	Terminal Body Weight: 261.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Degeneration, cystic, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	Mass, thoracic, right, dark, G1/ 25x20x15 mm. Mass, inguinal, tan, G2/ 15x10x5 mm. Mass, abdominal, left, mottled, G3/ 18x15x15 mm.	B-adenoma, definitely incidental 3 tumors present. Note: G1, G2, G3 = adenoma.
Ovary	No gross observed on tissue.	B-gonadal stromal tumor, undifferentiated, definitely incidental.
Pituitary Gland	Enlarged, dark, G4/ 12x8x6 mm.	B-adenoma, pars distalis, definitely fatal. Note: G4 = adenoma, pd.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1770	Group: E2F	
Day of Death: 743	Terminal Body Weight: 283.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Ovary	Mass, right, dark, G1/ 32x20x20 mm.	B-gonadal stromal tumor, undifferentiated, mortality independent. Note: G1 = gonadal stromal tumor, undifferentiated.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1771	Group: E2F	
Day of Death: 743	Terminal Body Weight: 314.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1772	Group: E2F	
Day of Death: 628	Terminal Body Weight: 239.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Enlarged, left, pink, G2/ 15x15x12 mm G2 = surrounded by hemorrhage.	B-pheochromocytoma, definitely fatal. Note: G2 = pheochromocytoma.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, moderate.
Uterus	Dilatation, bilateral, pink, G1/ 15mm diameter.	Endometrial hyperplasia, cystic (ceh), marked. Note: G1 = ceh.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1773	Group: E2F	
Day of Death: 745	Terminal Body Weight: 260.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	B-adenoma, bronchiolar-alveolar, mortality independent.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Spleen	Mass, capsule, G1/ G1 = 20x13x8 mm.	M-hemangiosarcoma, mortality independent. Note: G1 = hemangiosarcoma.
Thymus	Enlarged, tan, G2/ G2 = 30x30x20 mm.	F-lymphoma, mortality independent. Note: G2 = lymphoma.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1774	Group: E2F	
Day of Death: 745	Terminal Body Weight: 276.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, moderate.
Pituitary Gland	Nodule, dark, G1/ G1 = 2x2x2 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1775	Group: E2F	
Day of Death: 745	Terminal Body Weight: 233.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1776	Group: E2F	
Day of Death: 745	Terminal Body Weight: 269.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Tissue is missing.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1777	Group: E2F	
Day of Death: 745	Terminal Body Weight: 393.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	Mass, abdominal, right, mottled, G1/ G1 = 110x80x30 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pharynx	No gross observed on tissue.	Tissue is missing.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1778	Group: E2F	
Day of Death: 693	Terminal Body Weight: 212.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Mineralization, minimal. Hyperplasia, transitional epithelium, minimal.
Pituitary Gland	Enlarged, dark, G1/ 13x10x7 mm.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1779	Group: E2F	
Day of Death: 493	Terminal Body Weight: 250.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Mammary Gland	Cyst, inguinal, multiple, white, G1/ up to 15x10x5 mm.	Cyst(s), ductal, present. Note: G1 = cysts.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, dark, G2/ 4x.	B-adenoma, pars distalis, definitely fatal. Note: G2 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1780	Group: E2F	
Day of Death: 745	Terminal Body Weight: 259.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, minimal. Degeneration, cystic, moderate.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1821	Group: E5F	
Day of Death: 729	Terminal Body Weight: 251.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Esophagus	No gross observed on tissue.	Tissue is missing.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1822	Group: E5F	
Day of Death: 729	Terminal Body Weight: 208.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, follicular cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1823	Group: E5F	
Day of Death: 729	Terminal Body Weight: 223.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, medulla, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Ovary	Cyst(s), right, clear, G1/ G1 size = 11x11x11mm.	Cyst(s), present. Note: G1 = cyst.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1824	Group: E5F	
Day of Death: 729	Terminal Body Weight: 226.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Ovary	Cyst(s), left, clear, G1/ G1 size = 9x9x9mm.	Cyst(s), present. Note: G1 = cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1825	Group: E5F	
Day of Death: 729	Terminal Body Weight: 266.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	Focus, left, multiple, white, G1/ G1 size = up to 4x4mm.	Alveolar macrophages, increased, mild. Note: G1 = increased alveolar macrophages.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1826	Group: E5F	
Day of Death: 729	Terminal Body Weight: 240.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Eye	Discoloration(s), right, G1/ opaque.	Cataract, moderate. Note: G1 = cataract.
Harderian Gland	No gross observed on tissue.	Inflammation, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Femur; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1827	Group: E5F	
Day of Death: 729	Terminal Body Weight: 257.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1828	Group: E5F	
Day of Death: 729	Terminal Body Weight: 245.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1829	Group: E5F	
Day of Death: 729	Terminal Body Weight: 259.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Ovary	Cyst(s), bilateral, clear, G1/ G1 size = 16x16x16mm.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1830	Group: E5F	
Day of Death: 689	Terminal Body Weight: 202.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Mammary Gland	No gross observed on tissue.	M-carcinoma, definitely incidental.
Pituitary Gland	Enlarged, 10 x 8 x 6 mm, dark, G1.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pars distalis.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1831	Group: E5F	
Day of Death: 731	Terminal Body Weight: 229.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Liver	Focus, anterior, pale, right, G1/ G1 size = 3x3mm.	Focus, mixed cell, present. Focus, basophilic cell, present. Focus, eosinophilic, present. Note: G1 = mixed cell focus.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1832	Group: E5F	
Day of Death: 731	Terminal Body Weight: 261.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Hypertrophy, cortex, minimal. Vacuolization, cytoplasm, cortex, minimal.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Ovary	Cyst(s), bilateral, clear, G1/ G1 size = 10x10x10mm.	Cyst(s), present. Note: G1 = cysts.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1833	Group: E5F	
Day of Death: 731	Terminal Body Weight: 235.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Thymus	Cyst(s), clear, G1/ G1 size = 8x8x8mm.	Cyst(s), present. Note: G1 = cyst.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1834	Group: E5F	
Day of Death: 731	Terminal Body Weight: 227.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal. Cyst(s), tubular, minimal.
Lung	No gross observed on tissue.	Inflammation, mild.
Pituitary Gland	Cyst(s), clear, G1/ G1 size = 8x5x5mm.	Cyst(s), pars distalis, present. Note: G1 = cyst.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1835	Group: E5F	
Day of Death: 731	Terminal Body Weight: 372.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild. Focus, basophilic cell, present.
Mammary Gland	Mass, thoracic, tan, right, G1/ G1 size = 30x25x10mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1836	Group: E5F	
Day of Death: 731	Terminal Body Weight: 260.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1837	Group: E5F	
Day of Death: 731	Terminal Body Weight: 240.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Ovary	Cyst(s), right, clear, G1/ G1 size = 12x12x10mm.	Cyst(s), present. Note: G1 = cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Nodule, dark, G3/ G3 size = 4x4x2mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pars distalis (pd).
Uterus	Mass, body, tan, G2/ G2 size = 10x10x8mm.	B-polyp, endometrial stromal, mortality independent. Note: G2 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1838	Group: E5F	
Day of Death: 720	Terminal Body Weight: 368.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal. Degeneration, cystic, minimal.
Harderian Gland	No gross observed on tissue.	Hyperplasia, glandular epithelium, mild.
Mammary Gland	Mass, thoracic, right, mottled, 100 x 85 x 35 mm, G1/ G1 was ulcerated.	B-adenoma, definitely fatal. Note: G1 = adenoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1839	Group: E5F	
Day of Death: 735	Terminal Body Weight: 214.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Ovary	Cyst(s), bilateral, clear, G1/ right = 10 x10 x 10 mm, left = 16 x 16 x 16 mm.	Cyst(s), present. Note: G1 = cysts.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Rectum	No gross observed on tissue.	Lymphoid hyperplasia, submucosa, mild.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1840	Group: E5F	
Day of Death: 716	Terminal Body Weight: 292.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, moderate.
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Liver	Discoloration(s), diffuse, mottled, G4/ affects all lobes.	F-lymphoma, definitely incidental. Note: G4 = lymphoma.
Lung	No gross observed on tissue.	F-lymphoma, definitely incidental.
Lymph Node, Mediastinal	Enlarged, 3 x, multiple, dark, G6.	F-lymphoma, definitely incidental. Note: G6 = lymphoma.
Lymph Node, Mesenteric	No gross observed on tissue.	F-lymphoma, definitely incidental.
Lymph Node, Other	Enlarged, renal, multiple, tan, 3 x, G5.	F-lymphoma, definitely incidental. Note: G5 = lymphoma.
Ovary	Cyst(s), right, 15 x 15 x 15 mm, clear, G1.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Spleen	Enlarged, 75 x 20 x 20 mm, dark, G2. Focus, up to 8 x 8 mm, multiple, tan, G3.	F-lymphoma, definitely fatal. Note: G2, G3 = lymphoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1841	Group: E5F	
Day of Death: 735	Terminal Body Weight: 263.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild. Hypertrophy, cortex, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Mammary Gland	No gross observed on tissue.	M-carcinoma, mortality independent. Note: G1 = carcinoma.
Ovary	Cyst(s), bilateral, clear, G2/ G2 = 12 mm ³ .	Cyst(s), present. Note: G2 = cysts.
Pituitary Gland	Enlarged, dark, G3/ G3 = 11 x 6 x 6mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd (pars distalis).
Skin	Mass, cervical (neck), mottled, G1/ G1 = 30 x 20 x 15mm.	Tissue is unremarkable.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1842	Group: E5F	
Day of Death: 735	Terminal Body Weight: 251.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	Dilatation, bile duct, pale, G2/ G2 = 5x increase in diameter.	Focus, clear cell, present. Dilatation, bile duct, present. Cyst(s), bile ducts, minimal. Note: G2 = bile duct dilatation.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, moderate. Inflammation, minimal.
Mammary Gland	Mass, inguinal, mottled, left, G1/ G1 = 60 x 55 x 40mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Pituitary Gland	Focus, dark, G3/ G3 = 2 x 2 mm.	B-adenoma, pars distalis, mortality independent. Note: G3 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1843	Group: E5F	
Day of Death: 735	Terminal Body Weight: 233.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, moderate.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, mild.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, moderate.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, moderate. Lipomatosis, moderate.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Uterus	No gross observed on tissue.	Hyperplasia, endometrium, atypical, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1844	Group: E5F	
Day of Death: 735	Terminal Body Weight: 215.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	Cyst(s), left lateral lobe, clear, G2/ G2 = 20 mm ³ . Dilatation, bile duct, pale, G3/ G3 = 4x increase in diameter.	Dilatation, bile duct, present. Cyst(s), bile ducts, moderate. Note: G2 = cyst, G3 = bile duct dilatation.
Vagina	Mass, wall, mottled, G1/ G1 = 20 x 20 x 20 mm.	B-polyp, mortality independent. Note: G1 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1845	Group: E5F	
Day of Death: 735	Terminal Body Weight: 313.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Vacuolization, cytoplasm, cortex, minimal.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1846	Group: E5F	
Day of Death: 735	Terminal Body Weight: 247.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lymph Node, Mesenteric	No gross observed on tissue.	Sinus histiocytosis, mild.
Uterus	No gross observed on tissue.	B-polyp, endometrial stromal, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1847	Group: E5F	
Day of Death: 735	Terminal Body Weight: 167.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Liver	Nodules, multiple, caudate lobe, tan, G4/ up to 4x4x2 mm.	Fibrosis, mild. M-leiomyosarcoma, metastatic (stomach), mortality independent. Note: G4 = leiomyosarcoma, metastatic (stomach).
Mammary Gland	Mass, thoracic, pale, left, G1/ G1 = 27 x 27 x 20 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Ovary	Cyst(s), left, clear, G2/ G2 = 13 mm diameter.	Cyst(s), present. Note: G2 = cyst.
Rectum	No gross observed on tissue.	Metazoan parasite(s), present.
Stomach	Mass, wall, mottled, G3/ G3 = 35 x 25 x 20 mm.	M-leiomyosarcoma, mortality independent. Note: G3 = leiomyosarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1848	Group: E5F	
Day of Death: 737	Terminal Body Weight: 239.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Hyperplasia, bile duct, minimal.
Mammary Gland	Mass, inguinal, left, tan, G2/ 10x10x5 mm.	B-adenoma, mortality independent. Note: G2 = adenoma.
Pituitary Gland	Enlarged, dark, G1/ 6x6x5 mm.	B-adenoma, pars distalis, mortality independent. Note: G1 = adenoma, pd.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1849	Group: E5F	
Day of Death: 737	Terminal Body Weight: 235.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Harderian Gland	No gross observed on tissue.	Hyperplasia, glandular epithelium, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	No gross observed on tissue.	Lipidosis, focal, minimal.
Lymph Node, Mandibular	Enlarged, left, dark, G1/ 3x.	Miscellaneous tissue not examined. Note: G1 = coded as salivary gland.
Ovary	Cyst(s), bilateral, clear, G3/ 7x7x7 mm.	Cyst(s), present. Note: G3 = cysts.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Pituitary Gland	Nodule, 4 x 4 x 2 mm, dark, G4.	B-adenoma, pars distalis, mortality independent. Note: G4 = adenoma, pd.
Salivary Gland	No gross observed on tissue.	M-carcinoma, mortality independent. Note: G1 = carcinoma.
Thymus	Cyst(s), clear, G2/ 10x7x3 mm.	Cyst(s), present. Note: G2 = cyst.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Rectum; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1850	Group: E5F	
Day of Death: 737	Terminal Body Weight: 222.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Mammary Gland	Mass, inguinal, right, tan, 20 x 20 x 15 mm, G2.	B-adenoma, mortality independent. Note: G2 = adenoma.
Ovary	Cyst(s), left, 45 mm diameter, clear, G1.	B-granulosa cell tumor, mortality independent. Note: G1 = granulosa cell tumor.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thymus	No gross observed on tissue.	Inflammation, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1851	Group: E5F	
Day of Death: 737	Terminal Body Weight: 218.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Mammary Gland	Nodule, abdominal, dark, G3/ 4x4x4 mm.	Cyst(s), ductal, present. Note: G3 = ductal cyst.
Pancreas	No gross observed on tissue.	Hyperplasia, acinar cell, minimal.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.
Uterus	Mass, horn, left, tan, 30 x 30 x 18 mm, G1. Enlarged, cervix, tan, G2/ 12 x 12 x 12 mm.	M-carcinoma, mortality independent. Note: G1, G2 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1852	Group: E5F	
Day of Death: 663	Terminal Body Weight: 162.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Tissue is unremarkable. Note: one adrenal gland = missing.
Cecum	No gross observed on tissue.	Tissue is missing.
Colon	No gross observed on tissue.	Tissue is missing.
Duodenum	No gross observed on tissue.	Tissue is missing.
Ileum	No gross observed on tissue.	Tissue is missing.
Jejunum	No gross observed on tissue.	Tissue is missing.
Kidney	No gross observed on tissue.	Tissue is missing.
Liver	No gross observed on tissue.	Tissue is missing.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild.
Lymph Node, Mesenteric	No gross observed on tissue.	Tissue is missing.
Ovary	No gross observed on tissue.	Tissue is missing.
Pancreas	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars intermedia, definitely fatal.
Spleen	No gross observed on tissue.	Tissue is missing.
Stomach	No gross observed on tissue.	Tissue is missing.
Urinary Bladder	No gross observed on tissue.	Tissue is missing.
Uterus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Clitoral Gland; Esophagus; Eye; Femur; Harderian Gland; Heart; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1853	Group: E5F	
Day of Death: 737	Terminal Body Weight: 237.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, minimal.
Ovary	Cyst(s), right, 7 x 7 x 7 mm, clear, G1.	Cyst(s), present. Note: G1 = cysts.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1854	Group: E5F	
Day of Death: 741	Terminal Body Weight: 236.2 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, medulla, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Liver	Hdn, median lobe, red, G3/ 5x5x3 mm.	Hepatodiaphragmatic nodule (hdn), present. Note: G3 = hdn.
Ovary	Cyst(s), left, clear, G1/ 10x10x10 mm. Cyst(s), right, clear, G2/ 25x20x10 mm.	Cyst(s), present. Note: G1, G2 = cysts.
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, mild.
Pituitary Gland	Enlarged, dark, G4/ 6x4x4 mm.	B-adenoma, pars distalis, mortality independent. Note: G4 = adenoma, pd.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1855	Group: E5F	
Day of Death: 715	Terminal Body Weight: 155.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Tissue is missing.
Cecum	No gross observed on tissue.	Tissue is missing.
Heart	No gross observed on tissue.	Tissue is missing.
Ileum	No gross observed on tissue.	Tissue is missing.
Kidney	No gross observed on tissue.	Tissue is missing.
Liver	No gross observed on tissue.	Tissue is missing.
Lung	No gross observed on tissue.	Tissue is missing.
Lymph Node, Mesenteric	No gross observed on tissue.	Tissue is missing.
Ovary	No gross observed on tissue.	Tissue is missing.
Pancreas	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	Enlarged, 7 x 5 x 4 mm, dark, G1.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Rectum	No gross observed on tissue.	Tissue is missing.
Salivary Gland	No gross observed on tissue.	Tissue is missing.
Spleen	No gross observed on tissue.	Tissue is missing.
Sternum	No gross observed on tissue.	Tissue is missing.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Jejunum; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1856	Group: E5F	
Day of Death: 741	Terminal Body Weight: 229.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Hydronephrosis, minimal. Hyperplasia, transitional epithelium, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1857	Group: E5F	
Day of Death: 741	Terminal Body Weight: 256.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Mammary Gland	Mass, thoracic, right, mottled, G1/ G1 = 50 x 50 x 20 mm.	B-adenoma, mortality independent. Note: G1 = adenoma.
Tongue	No gross observed on tissue.	Inflammation, chronic, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1858	Group: E5F	
Day of Death: 665	Terminal Body Weight: 184.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Esophagus	No gross observed on tissue.	Tissue is missing.
Eye	No gross observed on tissue.	Tissue is unremarkable. Note: one eye = missing.
Harderian Gland	No gross observed on tissue.	Tissue is missing.
Heart	No gross observed on tissue.	Tissue is missing.
Liver	Nodules, multiple, white, G5/ up to 5x5x5 mm.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G5 = carcinoma, metastatic (uterus).
Lung	No gross observed on tissue.	Tissue is missing.
Lymph Node, Mesenteric	Enlarged, white, G8/ 6x.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G8 = carcinoma, metastatic.
Lymph Node, Other	Enlarged, pancreatic, G4/ 3x. Enlarged, renal, G3/ 3x.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G3, G4 = carcinoma, metastatic (uterus).
Mesentery	Nodules, multiple, white, G6/ up to 4x4x4 mm.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G6 = carcinoma, metastatic.
Ovary	Mass, left, mottled, G1/ 20x15x15 mm. Mass, right, mottled, G2/ 27x18x15 mm.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G1 coded as uterus. G2 = carcinoma, metastatic (uterus).
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pharynx	No gross observed on tissue.	Tissue is missing.
Salivary Gland	No gross observed on tissue.	Tissue is missing.
Skeletal Muscle	Mass, tan, G7/ abdominal wall, 10x8x8 mm.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G7 = carcinoma, metastatic (uterus).
Thyroid Gland	No gross observed on tissue.	Tissue is missing.
Tongue	No gross observed on tissue.	Tissue is missing.
Trachea	No gross observed on tissue.	Tissue is missing.

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1858	Group: E5F	
Day of Death: 665	Terminal Body Weight: 184.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Uterus	No gross observed on tissue.	M-carcinoma, definitely fatal. Note: G1 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Femur; Ileum; Jejunum; Kidney; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pituitary Gland; Rectum; Sciatic Nerve; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1859	Group: E5F	
Day of Death: 741	Terminal Body Weight: 227.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hyperplasia, transitional epithelium, mild.
Lymph Node, Other	Enlarged, renal, right, dark, G2/ G2 = 20 x 10 x 5 mm.	M-hemangiosarcoma, mortality independent. Note: G2 = hemangiosarcoma.
Mammary Gland	No gross observed on tissue.	Cyst(s), ductal, present.
Ovary	Cyst(s), right, clear, G1/ G1 = 10 mm ³ .	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars distalis, mortality independent.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1860	Group: E5F	
Day of Death: 652	Terminal Body Weight: 195.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), moderate.
Uterus	Dilatation, horn, right, G1/ 7x7x7 mm.	Endometrial hyperplasia, cystic (ceh), minimal. B-polyp, endometrial stromal, definitely fatal. Note: G1 = polyp.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1861	Group: E5F	
Day of Death: 741	Terminal Body Weight: 234.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1862	Group: E5F	
Day of Death: 683	Terminal Body Weight: 265.1 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Lung	No gross observed on tissue.	Alveolar macrophages, increased, mild. Hyperplasia, alveolar epithelium, minimal.
Mammary Gland	Mass, right, inguinal, mottled, 65 x 50 x 40 mm, G2.	M-carcinoma, definitely incidental. Note: G2 = carcinoma.
Pituitary Gland	Enlarged, 5 x 4 x 4 mm, dark, G1.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Spleen	Enlarged, 65 x 15 x 10 mm, G3.	Extramedullary hematopoiesis (emh), marked. Note: G3 = emh.
Thyroid Gland	No gross observed on tissue.	B-adenoma, c-cell, definitely incidental.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1863	Group: E5F	
Day of Death: 743	Terminal Body Weight: 193.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Thymus	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1864	Group: E5F	
Day of Death: 743	Terminal Body Weight: 250.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pancreas	No gross observed on tissue.	Atrophy, acinar cell, minimal.
Uterus	No gross observed on tissue.	Hyperplasia, endometrium, atypical, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1865	Group: E5F	
Day of Death: 743	Terminal Body Weight: 293.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild. Focus, basophilic cell, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1866	Group: E5F	
Day of Death: 743	Terminal Body Weight: 258.4 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, minimal.
Kidney	No gross observed on tissue.	Nephropathy, minimal. Hydronephrosis, mild. Hyperplasia, transitional epithelium, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1867	Group: E5F	
Day of Death: 743	Terminal Body Weight: 253.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, minimal.
Ovary	Cyst(s), right, 8 mm diameter, clear, G1.	Cyst(s), present. Note: G1 = cyst.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1868	Group: E5F	
Day of Death: 725	Terminal Body Weight: 232.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	Small, right, G5/ right adrenal was so small it could not be found at necropsy.	Atrophy, marked. Note: G5 = atrophy.
Liver	Small, 0.25x, dark, G3/ all lobes affected.	Necrosis, hepatocellular, mild. Note: G3 = necrosis.
Lung	No gross observed on tissue.	M-carcinoma, metastatic (uterus), definitely incidental.
Ovary	Mass, right, 30 x 20 x 20 mm, dark, G1.	M-carcinoma, metastatic (uterus), definitely incidental. B-dysgerminoma, definitely incidental. Note: G1 = dysgerminoma.
Pancreas	Mass, 40 x 30 x 30 mm, dark, G2.	M-carcinoma, metastatic (uterus), definitely incidental. Note: G2 = carcinoma, metastatic (uterus).
Pituitary Gland	Nodule, 3 x 3 x 3 mm, dark, G4.	B-adenoma, pars distalis, definitely incidental. Note: G4 = adenoma, pd.
Thymus	No gross observed on tissue.	Tissue is missing.
Uterus	No gross observed on tissue.	M-carcinoma, definitely fatal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1869	Group: E5F	
Day of Death: 743	Terminal Body Weight: 227.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Liver	No gross observed on tissue.	Hemosiderin pigment, mild.
Stomach	No gross observed on tissue.	Mineralization, minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1870	Group: E5F	
Day of Death: 680	Terminal Body Weight: 237.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Parathyroid	No gross observed on tissue.	Tissue is missing.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Pituitary Gland; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1871	Group: E5F	
Day of Death: 743	Terminal Body Weight: 267.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Kidney	No gross observed on tissue.	Nephropathy, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild. Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Hyperplasia, alveolar epithelium, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1872	Group: E5F	
Day of Death: 745	Terminal Body Weight: 293.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, marked.
Uterus	No gross observed on tissue.	Endometrial hyperplasia, cystic (ceh), minimal.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1873	Group: E5F	
Day of Death: 476	Terminal Body Weight: 246.9 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Ovary	Cyst(s), right, clear, G2/ 15x10x5 mm.	Cyst(s), present. Note: G2 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Uterus	Dilatation, bilateral, dark, G1/ 22 mm.	Endometrial hyperplasia, cystic (ceh), marked. Note: G1 = cyst.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1874	Group: E5F	
Day of Death: 476	Terminal Body Weight: 252.3 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Kidney	No gross observed on tissue.	Nephropathy, minimal.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.
Spleen	No gross observed on tissue.	Extramedullary hematopoiesis (emh), mild.
Uterus	Mass, cervix, mottled, G1/ 58x44x30 mm.	M-sarcoma, stromal, definitely fatal. Note: G1 = stromal sarcoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1875	Group: E5F	
Day of Death: 745	Terminal Body Weight: 237.5 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	No gross observed on tissue.	Focus, basophilic cell, present.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Ovary	Cyst(s), left, clear, G1/ G1 = 10mm ³ .	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1876	Group: E5F	
Day of Death: 745	Terminal Body Weight: 503.8 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hyperplasia, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Mammary Gland	Mass, abdominal, left, mottled, G1/ G1 = 120 x 80 x 50 mm. Left clitoral gland engulfed by mass.	B-adenoma, mortality independent. Note: G1 = adenoma.
Parathyroid	Enlarged, left, pale, G3/ G3 = 4 x 4 x 4 mm.	Tissue is missing.
Pituitary Gland	No gross observed on tissue.	B-adenoma, pars intermedia, mortality independent.
Thyroid Gland	Enlarged, left, dark, G2/ G2 = 2x.	B-adenoma, follicular cell, mortality independent. Note: G2 = adenoma, follicular cell.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1877	Group: E5F	
Day of Death: 745	Terminal Body Weight: 268.7 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Heart	No gross observed on tissue.	Cardiomyopathy, minimal.
Ovary	Cyst(s), right, clear, G1/ G1 = 10 mm diameter.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, mild.
Thyroid Gland	No gross observed on tissue.	Hyperplasia, c-cell, marked.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1878	Group: E5F	
Day of Death: 698	Terminal Body Weight: 182.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Adrenal Gland	No gross observed on tissue.	Hypertrophy, cortex, mild.
Heart	No gross observed on tissue.	Cardiomyopathy, mild.
Lung	No gross observed on tissue.	Inflammation, moderate.
Pituitary Gland	Enlarged, 10 x 8 x 5 mm, dark, G1.	B-adenoma, pars distalis, definitely fatal. Note: G1 = adenoma, pd.
Spleen	No gross observed on tissue.	Atrophy, lymphoid, moderate.
Stomach	No gross observed on tissue.	Inflammation, non-glandular, mild.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Bone Marrow; Brain; Cecum; Clitoral Gland; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Ileum; Jejunum; Kidney; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Ovary; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Sternum; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1879	Group: E5F	
Day of Death: 745	Terminal Body Weight: 233.0 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Clitoral Gland	No gross observed on tissue.	Inflammation, mild.
Kidney	No gross observed on tissue.	Nephropathy, mild.
Lung	No gross observed on tissue.	Alveolar macrophages, increased, minimal.
Ovary	Cyst(s), left, clear, G2/ G2 = 10 mm diameter.	Cyst(s), present. Note: G2 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, minimal.
Uterus	Mass, three, pale, G1/ G1 = up to 10 x 10 x 8 mm. Cervix and both horns affected.	M-carcinoma, mortality independent. Note: G1 = carcinoma.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Colon; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Liver; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Vagina; Zymbal's Gland

Table J-2. Individual Gross and Microscopic Observations – Females (Continued)

Animal ID: 1880	Group: E5F	
Day of Death: 745	Terminal Body Weight: 226.6 g	
Tissue	Gross Observation(s)	Microscopic Observation(s)
Colon	No gross observed on tissue.	Hyperplasia, lymphoid, submucosa, mild.
Liver	No gross observed on tissue.	Hyperplasia, bile duct, mild.
Ovary	Cyst(s), left, clear, G1/ G1 = 10 mm diameter.	Cyst(s), present. Note: G1 = cyst.
Pituitary Gland	No gross observed on tissue.	Hyperplasia, pars distalis, moderate.

Protocol tissues were examined grossly unless otherwise noted. All gross observations are listed above; tissues not listed were grossly unremarkable. The following tissues were examined microscopically and found unremarkable:

Adrenal Gland; Bone Marrow; Brain; Cecum; Clitoral Gland; Duodenum; Esophagus; Eye; Femur; Harderian Gland; Heart; Ileum; Jejunum; Kidney; Lung; Lymph Node, Mesenteric; Mammary Gland; Nose/Turbinates; Oral Mucosa; Pancreas; Parathyroid; Pharynx; Rectum; Salivary Gland; Sciatic Nerve; Skeletal Muscle; Skin; Spinal Cord; Spleen; Sternum; Stomach; Thymus; Thyroid Gland; Tongue; Trachea; Urinary Bladder; Uterus; Vagina; Zymbal's Gland

APPENDIX K: ANATOMIC PATHOLOGY NARRATIVES



AMENDED ANATOMIC PATHOLOGY NARRATIVE**2-YEAR CHRONIC TOXICITY/CARCINOGENICITY STUDY OF TOBACCO
BLEND AND AQUEOUS TOBACCO EXTRACT IN WISTAR HAN RATS****CARCINOGENICITY STUDY: GROUPS 1 THROUGH 8**

Battelle Study No. CN49730G

March 6, 2012

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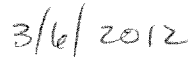
AMENDMENT SUMMARY TO THE ANATOMIC PATHOLOGY NARRATIVE**Parts Changes/Revised from the narrative signed January 10, 2012:**

1. Page 2, Section 2.2, Histopathology, 1st paragraph: severity grade "0 = normal" removed. "0 = Normal" not included for severity grading whereby "normal" not assigned a numeric score.
2. Page 2, Section 2.2, Histopathology, 2nd paragraph: added "unscheduled" and "scheduled" for clarification and consistency.
3. Page 2, Section 2.2, Histopathology, 3rd paragraph: added uterine carcinoma incidences for clarification.
4. Pages 2 and 4, Section 2.2, Histopathology, 3rd and 4th paragraph: added low/mid dose group discussion for clarification and more comprehensive assessment of all dose groups and text added for clarification.
5. Page 4, Section 3.0, Conclusions: changed "at a" to "up to," for dose group clarification.
6. Page 4, Section 4.0, Reference, 3rd and 4th reference: year removed due to duplication.

Approved



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Date

1.0 INTRODUCTION

The purpose of this study was to compare the toxicity and carcinogenicity of a tobacco blend (TB) and aqueous tobacco extract (TE) with a diet negative control in Wistar Han rats after approximately 24 months. Groups of male and female Wistar Han rats were given either untreated feed (diet negative control) or various amounts of TB or TE as summarized in Table 1. This narrative addresses the comparative carcinogenicity of TB and TE compared to control (Groups 1 and 2) after 24 months of exposure. Toxicity findings from the 12-month study were previously reported.

Table 1. Summary of Study Design

Group	Target Dosage of Nicotine (mg/kg/day)	Core Males	Core Females
1-Control-A (CM, CF) ^a	0	60	60
2-Control-B (CBM, CBF)	0	60	60
3-Tobacco Blend Low Dose (B0.2M, B0.2F)	0.2	60	60
4-Tobacco Blend Intermediate Dose (B2M, B2F)	2	60	60
5-Tobacco Blend High Dose (B5M, B5F)	5	60	60
6-Tobacco Extract Low Dose (E0.2M, E0.2F)	0.2	60	60
7-Tobacco Extract Intermediate Dose (E2M, E2F)	2	60	60
8-Tobacco Extract High Dose (E5M, E5F)	5	60	60

a. Dose group abbreviations are defined in the study file.

All core carcinogenicity rats (60 rats/sex/group) were necropsied (scheduled and unscheduled) and protocol-required tissues were placed in 10 percent neutral buffered formalin, with the exception of testes (preserved in Bouin's fixative then transferred to 70 percent ethanol) and eyes (preserved in Davidson's fixative then transferred to 10 percent neutral buffered formalin). All tissues from Groups 1 through 8 were processed to slides and examined microscopically by a board-certified veterinary pathologist. Macroscopic (gross) and microscopic diagnoses were entered into the PATH/TOX SYSTEM (Xybion Medical Systems Corporation) data management system for data recording and analysis. A small number of the tissues could not be successfully processed to slides for microscopic examination. Such tissues are listed as "missing" in the individual animal pathology data tables. The absence of microscopic results for these tissues was not considered to affect study interpretation.

2.0 PATHOLOGY

2.1 Necropsy Results

2.1.1 Gross Pathology

A few macroscopic findings were observed in this study at necropsy and at trim. To the fullest extent, macroscopic findings were correlated microscopically according to standard operating procedure (SOP). When compared to control, macroscopic findings did not appear related to TB or TE administration.

2.2 Histopathology

Nonneoplastic tissue changes were graded for severity, where appropriate, on a 1 to 4 scale, where 1 = minimal (the change barely exceeded normality), 2 = mild (change was clearly discernible and of questionable or minor pathologic significance), 3 = moderate (change was substantial and may cause/account for an alteration in tissue structure and/or function), and 4 = marked (change was essentially maximal).

In order to conduct a statistical analysis of tumor incidence among the appropriate dosage groups, each tumor observed microscopically was classified into either incidental, fatal, or mortality independent categories. Incidental tumors were defined as tumors that did not contribute to the unscheduled death of the animal; fatal tumors were defined as tumors assumed to have caused the unscheduled death of the animal; and mortality independent tumors were defined as tumors present at the scheduled study termination (terminal sacrifice), which therefore could not have been responsible for the animal's death, but can also not be assumed to be incidental. Coding of tumors in the data collection system occurred according to facility SOP.

Neoplasms were coded as benign (B), malignant (M), or infiltrative (F). Nonneoplastic findings were assigned a severity grade or coded as "present" without a severity grade (e.g., ovary cyst). Histologic notes were added during data entry, which correlated each macroscopic finding [numbered in order (G1, G2, G3, etc.) as they were recorded at necropsy] to a particular microscopic diagnosis. Table 2 summarizes the incidence of neoplastic and nonneoplastic findings in the uterus. A greater incidence of uterine carcinoma was observed in the B5F (12 percent, 7/59) and E5F (7 percent, 4/59) groups when compared to the incidence in the CF group (2 percent, 1/60 and CBF group (0/60). The incidences of uterine carcinoma in the B0.2F, B2F, E0.2F, and E2F groups were 5/60 (8.3 percent), 3/60 (5.0 percent) 3/60 (5.0 percent), and 0/60 (0.0 percent), respectively. The incidence of uterine carcinoma in all TB and TE groups was considered within an acceptable background level in Wistar Han rats^{1,4} and thus deemed spontaneous in occurrence and unrelated to TB or TE exposure (Table 2).

Table 2. Incidences of Selected Neoplasms and Nonneoplastic Uterine Lesions for the 2-Year Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats

Group	CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
Uterus								
Number Examined	60	60	60	60	59	60	60	59
Endometrial Hyperplasia, Cystic (CEH)	12	17	5	16	16	10	15	13
M-Sarcoma, Stromal	3	2	0	1	0	1	3	1
Thrombosis	0	0	0	0	1	0	0	0
Inflammation	2	0	2	0	1	2	0	0
M-Carcinoma	1	0	5	3	7	3	0	4
Hyperplasia, Endometrium, Atypical	0	1	3	2	2	2	1	2
B-Polyp, Endometrial Stromal	4	4	4	5	5	5	8	3
Hemorrhage	0	1	1	0	0	0	0	0
Dysplasia, Smooth Muscle	0	0	1	0	0	0	0	0
Squamous Metaplasia, Endometrium	0	0	0	0	0	2	0	0
M-Histiocytic Sarcoma	0	0	0	0	0	0	1	0

All diagnoses; phases: All; Death types: All; Date of death range: 04-May-09 to 18-Mar-11.

Several additional neoplastic and nonneoplastic findings were observed in the low, mid, and high dose TB and TE groups. When compared to control (Groups 1 and 2), all such findings were typical of spontaneous background changes observed in untreated Wistar Han rats;^{2,3,4} were interpreted to be neither toxicologically nor biologically significant, and lacked a dose response. None of the microscopic findings in this study were interpreted to be due to exposure to the TB or TE test articles.

3.0 CONCLUSIONS

There were no treatment related gross or microscopic findings following exposure of Wistar Han male and female rats up to a target dosage of 5 mg/kg/day of nicotine in TB and TE administered in dosed feed for approximately 24 months.

4.0 REFERENCES

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AMENDED ANATOMIC PATHOLOGY NARRATIVE**2-YEAR CHRONIC TOXICITY/CARCINOGENICITY STUDY OF TOBACCO
BLEND AND AQUEOUS TOBACCO EXTRACT IN WISTAR HAN RATS****CARCINOGENICITY STUDY: GROUPS 1, 5, AND 8**

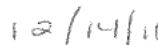
Battelle Study No. CN49730G

December 13, 2011

Prepared By:



Anthony J. Skowronek, D.V.M., Ph.D.
Diplomate, A.C.V.P.
Study Pathologist

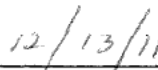


Date

Approved By:



Michael J. Ryan, D.V.M., Ph.D., D.A.B.T.
Diplomate, A.C.V.P.
Technical Review



Date

BATTELLE
Columbus Operations
505 King Avenue
Columbus, Ohio 43201-2696

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AMENDMENT SUMMARY TO THE ANATOMIC PATHOLOGY NARRATIVE**Parts Changed/Revised from the narrative signed September 15, 2011:**

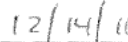
1. Page 2, Section 2.2: Table 2 text reference to B5F corrected.
2. Page 3, Table 2: B5F corrections based on consensus.
3. Page 3, Section 2.2: Reference 4 notation added.
4. Page 4, Section 4.0: Reference "Neoplastic and Nonneoplastic Lesions in the Charles River Wistar Hannover [Crl:WI (Han)] Rat: March 2011."

Reason for changes: Reclassification of uterine neoplasm based on peer-review consensus and reference added for scientific clarification.

Approved by, Battelle:



Anthony J. Skowronek, D.V.M., Ph.D.
Diplomate, A.C.V.P.
Study Pathologist



Date

1.0 INTRODUCTION

The purpose of this study was to compare the toxicity and carcinogenicity of a tobacco blend (TB) and aqueous tobacco extract (TE) with a diet negative control in Wistar Han rats after approximately 24 months. Groups of male and female Wistar Han rats were given either untreated feed (diet negative control) or various amounts of TB or TE as summarized in Table 1. This narrative addresses only the comparative carcinogenicity of TB and TE in the control (Group 1), high dose TB (Group 5), and high dose TE (Group 8) dosage groups after 24 months of exposure. Toxicity findings from the 12-month study were previously reported.

Table 1. Summary of Study Design

Group	Target Dosage of Nicotine (mg/kg/day)	Core Males	Core Females
1-Control-A (CM, CF) ^{a,b}	0	60	60
2-Control-B (CBM, CBF)	0	60	60
3-Tobacco Blend Low Dose (B0.2M, B0.2F)	0.2	60	60
4-Tobacco Blend Intermediate Dose (B2M, B2F)	2	60	60
5-Tobacco Blend High Dose (B5M, B5F)	5	60	60
6-Tobacco Extract Low Dose (E0.2M, E0.2F)	0.2	60	60
7-Tobacco Extract Intermediate Dose (E2M, E2F)	2	60	60
8-Tobacco Extract High Dose (E5M, E5F)	5	60	60

a. Dose group abbreviations are defined in the study file.

b. The current narrative addresses microscopic findings for Groups 1, 5, and 8 only.

All core carcinogenicity rats (60 rats/sex/group) were necropsied (scheduled and unscheduled) and protocol-required tissues were placed in 10 percent neutral buffered formalin, with the exception of testes (preserved in Bouin's fixative then transferred to 70 percent ethanol) and eyes (preserved in Davidson's fixative then transferred to 10 percent neutral buffered formalin). All tissues from Groups 1, 5, and 8 were processed to slides and examined microscopically by a board-certified veterinary pathologist. Macroscopic (gross) and microscopic findings were recorded electronically using the PATH/TOX SYSTEM (Xybion Medical Systems Corporation). A small number of the tissues could not be successfully processed to slides for microscopic examination. Such tissues are listed as "missing" in the individual animal pathology data tables. The absence of microscopic results for these tissues was not considered to affect study interpretation.

2.0 PATHOLOGY

2.1 Necropsy Results

2.1.1 Gross Pathology

A few macroscopic findings were observed in this study at necropsy and at trim. To the fullest extent, macroscopic findings were correlated microscopically according to standard operating procedure (SOP). When compared to control, macroscopic findings did not appear related to TB or TE administration.

2.2 Histopathology

Nonneoplastic tissue changes were graded for severity, where appropriate, on a 0 to 4 scale, where 0 = normal, 1 = minimal (the change barely exceeded normality), 2 = mild (change was clearly discernible and of questionable or minor pathologic significance), 3 = moderate (change was substantial and may cause/account for an alteration in tissue structure and/or function), and 4 = marked (change was essentially maximal).

In order to conduct a statistical analysis of tumor incidence among the appropriate dosage groups, each tumor observed microscopically was classified into either incidental, fatal, or mortality independent categories. Incidental tumors were defined as tumors that did not contribute to the death of the animal; fatal tumors were defined as tumors assumed to have caused the death of the animal; and mortality independent tumors were defined as tumors present at study termination, which therefore could not have been responsible for the animal's death, but can also not be assumed to be incidental. Coding of tumors in the data collection system occurred according to facility SOP.

Neoplasms were coded as benign (B), malignant (M), or infiltrative (F). Nonneoplastic findings were assigned a severity grade or coded as "present" without a severity grade (e.g. ovary cyst). Histologic notes were added during data entry, which correlated each macroscopic finding [numbered in order (G1, G2, G3, etc.) as they were recorded at necropsy] to a particular microscopic diagnosis. Table 2 summarizes the incidence of neoplastic and nonneoplastic findings in the uterus. A greater incidence of uterine carcinoma was observed in the B5F (12 percent, 7/59) and E5F (7 percent, 4/59) groups when compared to the incidence in the CF group (2 percent, 1/60). The incidence of uterine carcinoma in these groups was considered within an acceptable background level in Wistar Han rats¹ and thus deemed spontaneous in occurrence and unrelated to TB or TE exposure.

Table 2. Incidences of Selected Neoplasms and Nonneoplastic Uterine Lesions for the 2-Year Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats

Dosage		0 mg/kg (CF)	5 mg/kg (B5F)	5 mg/kg (E5F)
NEOPLASTIC				
	Number Examined	60	59	59
Carcinoma		1	7	4
Stromal sarcoma		3	0	1
Stromal polyp, endometrial		4	5	3
NONNEOPLASTIC				
	Number Examined	60	59	59
Hyperplasia, endometrium, cystic		12	16	13
Thrombosis		0	1	0
Inflammation		2	1	0
Hyperplasia, endometrium, atypical		0	2	2

Several additional neoplastic and nonneoplastic findings were observed in the high dose TB and high dose TE groups. When compared to control (Group 1), all such findings were typical of spontaneous background changes observed in untreated Wistar Han rats^{2,3,4} and were interpreted to be neither toxicologically nor biologically significant. None of the microscopic findings in this study were interpreted to be due to exposure to the TB or TE test articles.

3.0 CONCLUSIONS

There were no treatment related gross or microscopic findings following exposure of Wistar Han male and female rats at a target dosage of 5 mg/kg/day of nicotine in TB and TE administered in dosed feed for approximately 24 months.

4.0 REFERENCES

1. Deerberg, F., Rehm, S., and Pittermann, W. 1981. Uncommon frequency of adenocarcinomas of the uterus in virgin Han:Wistar rats. *Veterinary Pathology*. 18:707-713.
2. Son, W.C., Bell, D., Taylor, I., and Mowat, V. 2010. Profile of early occurring spontaneous tumors in Han Wistar rats. *Toxicologic Pathology*, 38:292-296.
3. Mitumori, K, Watanabe, T., Kashida, Y. 2001. Variability in the incidence of spontaneous tumors in CD (SD) IGS, CD (SD), F344, and Wistar Hannover rats. In: Biological Reference Data on CD (SD) IGS Rats – 2001, Yasuyuki Maeda and Hiroyuki Inoue, editors. Best Printing Co. Ltd., Tokyo, Japan.

4. Charles River Laboratories. (2011). Neoplastic and Nonneoplastic Lesions in the Charles River Wistar Hannover [CrI:WI (Han)] Rat: March 2011. http://www.criver.com/sitecollectiondocuments/rm_rm_r_wistar_han_tox_data_2011.pdf (*Searched* November 20, 2011).



Date: August 31, 2011

Project Number: CN49730-GPATH

Internal Distribution:

Dawn Fallacara

Quality Assurance

A. Skowronek

M. Ryan

8831 Files

To: Study File CN49730G

From: Michael J. Ryan

Subject: Pathology Peer Review of Study CN49730G (2-Year Chronic Toxicity/carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in Wistar Han Rats) Report on Groups 1, 5 and 8

A routine GLP peer review was conducted of the Pathology Data from study CN49730G report on Groups 1, 5 and 8. The purpose was to verify the accuracy, consistency, and completeness of toxicologically significant findings, as rendered by the study pathologist, Dr. Anthony J. Skowronek. Sections of tissues from all animals examined microscopically were available for review, along with the gross/microscopic diagnoses, interpretations, and narrative generated by the study pathologist.

As part of this review, all tissues from the following animals were examined: 121, 131, 141, 151, 162, 521, 525, 531, 535, 541, 545, 551, 555, 561, 565, 571, 575, 821, 823, 825, 831, 833, 835, 841, 843, 845, 849, 1151, 1155, 1161, 1165, 1171, 1521, 1525, 1531, 1535, 1541, 1545, 1551, 1555, 1561, 1565, 1571, 1575, 1821, 1825, 1831, 1835, 1841, 1845, 1851, 1855, 1861, 1865, 1871, and 1875.

This review confirmed the diagnoses rendered by the study pathologist. There were no substantive differences between the findings of the study pathologist and the undersigned, and I am in agreement with the results, interpretations, and conclusions presented in this report of findings.

8/31/11

Michael J. Ryan, D.V.M., Ph.D., D.A.B.T.

Post-Peer Review Date

Diplomate, A.C.V.P.

Peer Review Pathologist

Battelle Columbus

9/15/11

Michael J. Ryan, D.V.M., Ph.D., D.A.B.T.

Final Date

Diplomate, A.C.V.P.

Peer Review Pathologist

Battelle Columbus



Date: December 13, 2011

To: Study File CN49730G

From: Michael J. Ryan

Project Number: CN49730-GPATH
Internal Distribution:
Dawn Fallacara
Quality Assurance
A. Skowronek
M. Ryan
8831 Files

Subject: Pathology Peer Review of Study CN49730G (2-Year Chronic
Toxicity/Carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in
Wistar Han Rats) Report on Groups 1, 5, and 8

In addition to the peer review memo dated 8-31-11, the uterus from Females 1152, 1530, 1539, 1550, 1554, 1556, 1577, 1858, 1868, and 1879 were reviewed. Upon consensus between the study pathologist and peer review pathologist, it was determined that the uterine finding in Female 1554 was re-coded as "atypical endometrial hyperplasia."

This review confirmed the diagnoses rendered by the study pathologist. There were no substantive differences between the findings of the study pathologist and the undersigned, and I am in agreement with the results, interpretations, and conclusions presented in this report of findings.

12/13/11

Michael J. Ryan, D.V.M., Ph.D., D.A.B.T.
Diplomate, A.C.V.P.
Peer Review Pathologist
Battelle Columbus

Post-Peer Review Date

12/13/11

Michael J. Ryan, D.V.M., Ph.D., D.A.B.T.
Diplomate, A.C.V.P.
Peer Review Pathologist
Battelle Columbus

Final Date



Date: November 29, 2011

To: Study File CN49730G

From: Michael J. Ryan

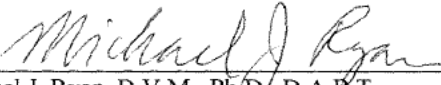
Project Number: CN49730-GPATH
Internal Distribution:
Dawn Fallacara
Quality Assurance
A. Skowronek
M. Ryan
8831 Files

Subject: Pathology Peer Review of Study CN49730G (2-Year Chronic
Toxicity/carcinogenicity Study of Tobacco Blend and Aqueous Tobacco Extract in
Wistar Han Rats) Report on Group 2

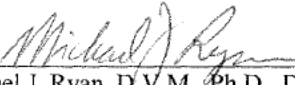
In addition to the routine GLP peer review that was previously conducted of the Pathology Data from study CN49730G on Groups 1, 5 and 8, a peer review was performed on the Pathology Data from Group 2. The purpose was to verify the accuracy, consistency, and completeness of toxicologically significant findings, as rendered by the study pathologist, Dr. Anthony J. Skowronek. Sections of tissues from all animals examined microscopically were available for review, along with the gross/microscopic diagnoses, interpretations, and narrative generated by the study pathologist.

As part of this review, all tissues from the following animals were examined: 218-232 and 1201-1220.

This review confirmed the diagnoses rendered by the study pathologist. There were no substantive differences between the findings of the study pathologist and the undersigned, and I am in agreement with the results, interpretations, and conclusions presented in this report of findings.

 11/29/11

Michael J. Ryan, D.V.M., Ph.D., D.A.B.T. Post-Peer Review Date
Diplomate, A.C.V.P.
Peer Review Pathologist
Battelle Columbus

 1/10/12

Michael J. Ryan, D.V.M., Ph.D., D.A.B.T. Final Date
Diplomate, A.C.V.P.
Peer Review Pathologist
Battelle Columbus

APPENDIX L: SEROLOGY REPORTS

2104

Battelle Study Number CN49730G



FINAL REPORT OF LABORATORY EXAMINATION
Research Animal Diagnostic Laboratory
4011 Discovery Drive, Columbia MO 65201
1-800-669-0825 1-573-882-5983
radil@missouri.edu www.radil.missouri.edu

CASE NUMBER: 7471-2009**RECEIVED ON: 2/19/2009****COMPLETED ON: 2/20/2009****SUBMITTED BY:**

Katherine M. Hardin
Battelle Memorial Institute
505 King Ave. Room 7120
Columbus, OH 43201
(614) 424-6328
[614] 458-6328 (fax)

CN49730G

SPECIMEN DESCRIPTION:

SPECIES: rat
DESCRIPTION: serum samples, diluted
NUMBER OF SPECIMENS: 10
FACILITY CODE: COM

PURCHASE ORDER #: V103399000831

ID	Client ID	Investigator	Room #	Sex
1	CN49730G-901	D. Fallacaia	7C-074, 078	M
2	CN49730G-902	D. Fallacaia	7C-074, 078	M
3	CN49730G-903	D. Fallacaia	7C-074, 078	M
4	CN49730G-904	D. Fallacaia	7C-074, 078	M
5	CN49730G-905	D. Fallacaia	7C-074, 078	M
6	CN49730G-1901	D. Fallacaia	7C-074, 078	F
7	CN49730G-1902	D. Fallacaia	7C-074, 078	F
8	CN49730G-1903	D. Fallacaia	7C-074, 078	F
9	CN49730G-1904	D. Fallacaia	7C-074, 078	F
10	CN49730G-1905	D. Fallacaia	7C-074, 078	F

TESTS PERFORMED: Clinical Serology Profile - rat

Serologic evaluation for antibodies to: H1, KRV, *M. pulmonis*, Parvo NS-1, PVM, RCV/SDAV, RMV, RPV, RTV, Sendai, TMEV GDVII

SUMMARY: All test results were negative.

If you have questions, please call our toll free number at 1-800-669-0825 or e-mail us at radil@missouri.edu.

Technical Review
QC Review: BAB 4-16-09
TAP 4/2/09

Case Number: 7471-2009

Page 2

SEROLOGY:

		1	2	3	4	5	6	7	8	9	10
<i>M. pulmonis</i>	MFI (> 2.485)	-	-	-	-	-	-	-	-	-	-
Parvo NS-1	MFI (> 4.095)	-	-	-	-	-	-	-	-	-	-
H1	MFI (> 2.940)	-	-	-	-	-	-	-	-	-	-
KRV	MFI (> 2.915)	-	-	-	-	-	-	-	-	-	-
RMV	MFI (> 1.225)	-	-	-	-	-	-	-	-	-	-
RPV	MFI (> 1.200)	-	-	-	-	-	-	-	-	-	-
PVM	MFI (> 0.325)	-	-	-	-	-	-	-	-	-	-
RCV/SDAV	MFI (> 2.610)	-	-	-	-	-	-	-	-	-	-
RTV	MFI (> 2.400)	-	-	-	-	-	-	-	-	-	-
TMEV GDVII	MFI (> 2.280)	-	-	-	-	-	-	-	-	-	-
Sendai	MFI (> 1.665)	-	-	-	-	-	-	-	-	-	-

(LEGEND: * = borderline + = positive - = negative blank = test not performed C = cell antigen reactor EQ = equivocal HE = hemolysis precluded testing I = insufficient INC = inconclusive finding NA = non-specific adherence NF = non-specific fluorescence NH = non-specific hemagglutination NR = sample not received NT = not tested S = suspect TC = tissue culture reactive W = weak positive WB = Western Blot confirmatory analysis pending)

Positive MFI results are reported as "+" followed by a number from 1 to 33 in thousands rounded off to the nearest thousand.



ADDENDUM to
FINAL REPORT OF LABORATORY EXAMINATION
Research Animal Diagnostic Laboratory
4011 Discovery Drive, Columbia MO 65201
1-800-669-0825 1-573-882-5983
radil@missouri.edu www.radil.missouri.edu

CASE NUMBER: 7471-2009

Study number not listed on report.
 For reference study associated with case
 number is CN49730G, KU 040209
SUBMITTED BY:

Katherine M. Hardin
 Battelle Memorial Institute
 505 King Ave. Room 7120
 Columbus, OH 43201
 (614) 424-6328
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RECEIVED ON: 2/19/2009**COMPLETED ON:** 2/20/2009**ADDENDUM DATED:** 2/27/2009**SEROLOGY:**

		1	2	3	4	5	6	7	8	9	10
CAR bacillus	MFI (> 2.210)	-	-	-	-	-	-	-	-	-	-
<i>E. cuniculi</i>	MFI (> 1.360)	-	-	-	-	-	-	-	-	-	-
Hantaan	MFI (> 1.200)	-	-	-	-	-	-	-	-	-	-
LCM	MFI (> 0.500)	-	-	-	-	-	-	-	-	-	-
MAD 1	MFI (> 2.780)	-	-	-	-	-	-	-	-	-	-
MAD 2	MFI (> 3.000)	-	-	-	-	-	-	-	-	-	-
REO3	MFI (> 1.250)	-	-	-	-	-	-	-	-	-	-

(LEGEND: * = borderline + = positive - = negative blank = test not performed C = cell antigen
 reactor EQ = equivocal HE = hemolysis precluded testing I = insufficient INC = inconclusive
 finding NA = non-specific adherence NF = non-specific fluorescence NH = non-specific
 hemagglutination NR = sample not received NT = not tested S = suspect TC = tissue culture
 reactive W = weak positive WB = Western Blot confirmatory analysis pending)

Positive MFI results are reported as "+" followed by a number from 1 to 33 in thousands rounded
 off to the nearest thousand.

**If you have questions, please call our toll free number at 1-800-669-0825 or e-mail us at
 radil@missouri.edu.**

Technical Review
 TAP 4/16/09

QC Review: BAB 4-16-09



FINAL REPORT OF LABORATORY EXAMINATION
Research Animal Diagnostic Laboratory
4011 Discovery Drive, Columbia MO 65201
1-800-669-0825 1-573-882-5983
radil@missouri.edu www.radil.missouri.edu

CASE NUMBER: 9793-2009

RECEIVED ON: 4/2/2009

COMPLETED ON: 4/6/2009

SUBMITTED BY:

Katherine M. Hardin
Battelle Memorial Institute
505 King Ave. Room 7120
Columbus, OH 43201
(614) 424-6328
[614] 458-6328 (fax)

SPECIMEN DESCRIPTION:

SPECIES: rat

DESCRIPTION: serum samples, diluted

NUMBER OF SPECIMENS: 10

PURCHASE ORDER #: V103399000865

<u>ID</u>	<u>Client ID</u>	<u>Investigator</u>	<u>Room #</u>	<u>Sex</u>
1	CN49730G-911	D. Fallacara	7C-066	M
2	CN49730G-912	D. Fallacara	7C-066	M
3	CN49730G-913	D. Fallacara	7C-066	M
	CN49730G-914	D. Fallacara	7C-066	M
	CN49730G-915	D. Fallacara	7C-066	M
6	CN49730G-1906	D. Fallacara	7C-066	F
7	CN49730G-1907	D. Fallacara	7C-066	F
8	CN49730G-1908	D. Fallacara	7C-066	F
9	CN49730G-1909	D. Fallacara	7C-066	F
10	CN49730G-1910	D. Fallacara	7C-066	F

TESTS PERFORMED: Battelle Special Rat Serology

Serologic evaluation for antibodies to: CAR bacillus, *E. cuniculi*, H1, Hantaan, KRV, LCM, MAD 1, MAD 2, *M. pulmonis*, Parvo NS-1, PVM, RCV/SDAV, REO3, RMV, RPV, RTV, Sendai, TMEV GDVII

SUMMARY: All test results were negative.

If you have questions, please call our toll free number at 1-800-669-0825 or e-mail us at radil@missouri.edu.

Technical Review
TR 4/17/09
QC Review: 4-22-09

CN49730G

Case Number: 9793-2009
Page 2

SEROLOGY:

		1	2	3	4	5	6	7	8	9	10
CAR bacillus	MFI (> 3.000)	-	-	-	-	-	-	-	-	-	-
<i>E. cuniculi</i>	MFI (> 0.200)	-	-	-	-	-	-	-	-	-	-
Hantaan	MFI (> 0.100)	-	-	-	-	-	-	-	-	-	-
LCM	MFI (> 0.150)	-	-	-	-	-	-	-	-	-	-
<i>M. pulmonis</i>	MFI (> 0.830)	-	-	-	-	-	-	-	-	-	-
MAD 1	MFI (> 0.350)	-	-	-	-	-	-	-	-	-	-
MAD 2	MFI (> 1.410)	-	-	-	-	-	-	-	-	-	-
Parvo NS-1	MFI (> 2.175)	-	-	-	-	-	-	-	-	-	-
H1	MFI (> 1.200)	-	-	-	-	-	-	-	-	-	-
KRV	MFI (> 0.750)	-	-	-	-	-	-	-	-	-	-
RMV	MFI (> 0.845)	-	-	-	-	-	-	-	-	-	-
RPV	MFI (> 0.425)	-	-	-	-	-	-	-	-	-	-
PVM	MFI (> 0.475)	-	-	-	-	-	-	-	-	-	-
RCV/SDAV	MFI (> 1.440)	-	-	-	-	-	-	-	-	-	-
REO3	MFI (> 0.500)	-	-	-	-	-	-	-	-	-	-
RTV	MFI (> 0.300)	-	-	-	-	-	-	-	-	-	-
TMEV GDVII	MFI (> 0.165)	-	-	-	-	-	-	-	-	-	-
Sendai	MFI (> 0.600)	-	-	-	-	-	-	-	-	-	-

(LEGEND: * = borderline + = positive - = negative blank = test not performed C = cell antigen reactor EQ = equivocal HE = hemolysis precluded testing I = insufficient INC = inconclusive finding NA = non-specific adherence NF = non-specific fluorescence NH = non-specific hemagglutination NR = sample not received NT = not tested S = suspect TC = tissue culture reactive W = weak positive WB = Western Blot confirmatory analysis pending)

Positive MFI results are reported as "+" followed by a number from 1 to 33 in thousands rounded off to the nearest thousand.

CN49730G



FINAL REPORT OF LABORATORY EXAMINATION
Research Animal Diagnostic Laboratory
4011 Discovery Drive, Columbia MO 65201
1-800-669-0825 1-573-882-5983
radil@missouri.edu www.radil.missouri.edu

CASE NUMBER: 18314-2009

RECEIVED ON: 9/1/2009

COMPLETED ON: 9/2/2009

SUBMITTED BY:

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505 King Ave. Room 7120
Columbus, OH 43201
(614) 424-6328
[614] 458-6328 (fax)

CN49730G

SPECIMEN DESCRIPTION:

SPECIES: rat

DESCRIPTION: serum samples, diluted

NUMBER OF SPECIMENS: 10

PURCHASE ORDER #: V103399000

ID	Client ID	Investigator	Room #	Sex
1	CN49730G-916	D. Fallacara	7C-066	M
2	CN49730G-917	D. Fallacara	7C-066	M
3	CN49730G-918	D. Fallacara	7C-066	M
4	CN49730G-919	D. Fallacara	7C-066	M
5	CN49730G-920	D. Fallacara	7C-066	M
6	CN49730G-1912	D. Fallacara	7C-066	F
7	CN49730G-1913	D. Fallacara	7C-066	F
8	CN49730G-1914	D. Fallacara	7C-066	F
9	CN49730G-1915	D. Fallacara	7C-066	F
10	CN49730G-1911	D. Fallacara	7C-066	F

SERVICES/TESTS PERFORMED: Battelle Special Rat Serology

Serologic evaluation for antibodies to: CAR bacillus, *E. cuniculi*, H1, Hantaan, KRV, LCM, MAD 1, MAD 2, *M. pulmonis*, Parvo NS-1, PVM, RCV/SDAV, REO3, RMV, RPV, RTV, Sendai, TMEV

SUMMARY: All test results were negative.

If you have questions, please call our toll free number at 1-800-669-0825 or e-mail us at radil@missouri.edu.

Technical Review
QC: JBB 1-25-09
TAP
9/15/09

Case Number: 18314-2009
Page 2

SEROLOGY:

		1	2	3	4	5	6	7	8	9	10
CAR bacillus	MFI (> 3.000)	-	-	-	-	-	-	-	-	-	-
<i>E. cuniculi</i>	MFI (> 0.200)	-	-	-	-	-	-	-	-	-	-
Hantaan	MFI (> 0.100)	-	-	-	-	-	-	-	-	-	-
LCM	MFI (> 0.150)	-	-	-	-	-	-	-	-	-	-
<i>M. pulmonis</i>	MFI (> 0.830)	-	-	-	-	-	-	-	-	-	-
MAD 1	MFI (> 0.350)	-	-	-	-	-	-	-	-	-	-
MAD 2	MFI (> 1.410)	-	-	-	-	-	-	-	-	-	-
Parvo NS-1	MFI (> 2.175)	-	-	-	-	-	-	-	-	-	-
H1	MFI (> 1.200)	-	-	-	-	-	-	-	-	-	-
KRV	MFI (> 0.750)	-	-	-	-	-	-	-	-	-	-
RMV	MFI (> 0.845)	-	-	-	-	-	-	-	-	-	-
RPV	MFI (> 0.425)	-	-	-	-	-	-	-	-	-	-
PVM	MFI (> 0.475)	-	-	-	-	-	-	-	-	-	-
RCV/SDAV	MFI (> 1.440)	-	-	-	-	-	-	-	-	-	-
REO3	MFI (> 0.500)	-	-	-	-	-	-	-	-	-	-
RTV	MFI (> 0.300)	-	-	-	-	-	-	-	-	-	-
TMEV	MFI (> 0.165)	-	-	-	-	-	-	-	-	-	-
Sendai	MFI (> 0.800)	-	-	-	-	-	-	-	-	-	-

(LEGEND: * = borderline + = positive - = negative blank = test not performed C = cell antigen reactor EQ = equivocal HE = hemolysis precluded testing I = insufficient INC = inconclusive finding NA = non-specific adherence NF = non-specific fluorescence NH = non-specific hemagglutination NR = sample not received NT = not tested S = suspect TC = tissue culture reactive W = weak positive WB = Western Blot confirmatory analysis pending)

Positive MFI results are reported as "+" followed by a number from 1 to 33 in thousands rounded off to the nearest thousand.



FINAL REPORT OF LABORATORY EXAMINATION
Research Animal Diagnostic Laboratory
 4011 Discovery Drive, Columbia MO 65201
 1-800-669-0825 1-573-882-5983
 radil@missouri.edu www.radil.missouri.edu

CASE NUMBER: 22321-2009

RECEIVED ON: 11/12/2009

COMPLETED ON: 11/16/2009

SUBMITTED BY:

Marletta Austin
 Battelle Memorial Institute
 505 King Ave.
 Room 7-1-20
 Columbus, OH 43201
 614-424-5279
 614-424-4772 (fax)

SPECIMEN DESCRIPTION:

SPECIES: rat

DESCRIPTION: serum samples, diluted

NUMBER OF SPECIMENS: 10

PURCHASE ORDER #: V103399000

ID	Client ID	Investigator	Room #	Sex
1	CN49730G-921	D. Fallacara	7C-076	M
2	CN49730G-922	D. Fallacara	7C-076	M
3	CN49730G-923	D. Fallacara	7C-076	M
4	CN49730G-924	D. Fallacara	7C-076	M
5	CN49730G-925	D. Fallacara	7C-076	M
6	CN49730G-1916	D. Fallacara	7C-066	F
7	CN49730G-1917	D. Fallacara	7C-066	F
8	CN49730G-1918	D. Fallacara	7C-066	F
9	CN49730G-1919	D. Fallacara	7C-066	F
10	CN49730G-1920	D. Fallacara	7C-066	F

~~IGNORE LINEOUT INFORMATION IS CORRECT~~ Not needed. BAS 7-21-10

SERVICES/TESTS PERFORMED Battelle Special Rat Serology

Serologic evaluation for antibodies to: CAR bacillus, *E. cuniculi*, H1, Hantaan, KRV, LCM, MAD 1, MAD 2, *M. pulmonis*, Parvo NS-1, PVM, RCV/SDAV, REO3, RMV, RPV, RTV, Sendai, TMEV

SUMMARY: All test results were negative.

② ignore these lineouts. The original annotation "①" and footnote "①" were correct - Milton Hejtmancik was the study director during this time period. BAS 7-21-10

If you have questions, please call our toll free number at 1-800-669-0825 or e-mail us at radil@missouri.edu.

① wrong name - should say M. Hejtmancik. Marletta Not needed. BAS 5-14-10
 ② wrong information. BAS 7-21-10 Not needed. BAS 7-21-10

QC: BAS 5-26-10 *Technical Review TR 5/24/10* CN49730G

https://radilsecure.missouri.edu/customer/CSPrintWebReport.asp?acc_num=22321-2009

4/6/2010

Case Number: 22321-2009
Page 2

SEROLOGY:

		1	2	3	4	5	6	7	8	9	10
CAR bacillus	MFI (> 3.000)	-	-	-	-	-	-	-	-	-	-
<i>Encephalitozoon cuniculi</i>	MFI (> 0.200)	-	-	-	-	-	-	-	-	-	-
Hantaan	MFI (> 0.150)	-	-	-	-	-	-	-	-	-	-
LCMV	MFI (> 0.150)	-	-	-	-	-	-	-	-	-	-
<i>Mycoplasma pulmonis</i>	MFI (> 0.830)	-	-	-	-	-	-	-	-	-	-
MAD1	MFI (> 0.350)	-	-	-	-	-	-	-	-	-	-
MAD2	MFI (> 1.410)	-	-	-	-	-	-	-	-	-	-
Parvo NS-1	MFI (> 3.280)	-	-	-	-	-	-	-	-	-	-
H1	MFI (> 1.200)	-	-	-	-	-	-	-	-	-	-
KRV	MFI (> 0.750)	-	-	-	-	-	-	-	-	-	-
RMV	MFI (> 0.845)	-	-	-	-	-	-	-	-	-	-
RPV	MFI (> 0.754)	-	-	-	-	-	-	-	-	-	-
PVM	MFI (> 0.475)	-	-	-	-	-	-	-	-	-	-
RCV/SDAV	MFI (> 1.440)	-	-	-	-	-	-	-	-	-	-
REO3	MFI (> 0.500)	-	-	-	-	-	-	-	-	-	-
RTV	MFI (> 0.300)	-	-	-	-	-	-	-	-	-	-
TMEV	MFI (> 0.165)	-	-	-	-	-	-	-	-	-	-
Sendai	MFI (> 0.800)	-	-	-	-	-	-	-	-	-	-

(LEGEND: * = borderline + = positive - = negative blank = test not performed EQ = equivocal L = less than 10% normal IgG N = normal IgG NS = non-specific reactivity W = weak positive WB = Western Blot confirmatory analysis pending)

Positive MFI results are reported as "+" followed by a number from 1 to 33 in thousands rounded off to the nearest thousand.

CN49730G



FINAL REPORT OF LABORATORY EXAMINATION
Research Animal Diagnostic Laboratory
4011 Discovery Drive, Columbia MO 65201
1-800-669-0825 1-573-882-5983
radil@missouri.edu www.radil.missouri.edu

CASE NUMBER: 10286-2010

RECEIVED ON: 4/8/2010

COMPLETED ON: 4/12/2010

SUBMITTED BY:

Marietta Austin
 Battelle Memorial Institute
 505 King Ave.
 Room 7-1-20
 Columbus, OH 43201
 614-424-5279
 614-424-4772 (fax)

SPECIMEN DESCRIPTION:

SPECIES: rat

DESCRIPTION: serum samples, diluted

NUMBER OF SPECIMENS: 10

PURCHASE ORDER #: V10339900

ID	Client ID	Investigator	Room #	Sex
1	CN49730G-926	M. Hejtmancik	7-2-040/042 ^①	F
2	CN49730G-927	M. Hejtmancik	7-2-040/042	F
3	CN49730G-928	M. Hejtmancik	7-2-040/042	F
4	CN49730G-929	M. Hejtmancik	7-2-040/042	F
5	CN49730G-930	M. Hejtmancik	7-2-040/042	F
6	CN49730G-1921	M. Hejtmancik	7-2-007/009 ^②	M
7	CN49730G-1922	M. Hejtmancik	7-2-007/009	M
8	CN49730G-1923	M. Hejtmancik	7-2-007/009	M
9	CN49730G-1924	M. Hejtmancik	7-2-007/009	M
10	CN4930G-1925	M. Hejtmancik	7-2-007/007	M

SERVICES/TESTS PERFORMED Clinical Serology Profile - rat

Serologic evaluation for antibodies to: *Mycoplasma pulmonis*, H1, KRV, PVM, RCV/SDAV, RMV, RPV, RTV, Sendai

SUMMARY: All test results were negative.

If you have questions, please call our toll free number at 1-800-669-0825 or e-mail us at radil@missouri.edu.

① wrong room numbers. Should say "7-2-007/009". BAB 5-14-10

② wrong room numbers. Should say "7-2-040/042". BAB 5-14-10

QC: BAB 5-26-10

Technical Review TOP 5/24/10

CN49730G

file:///C:/Documents and Settings/austinm/Local Settings/Temporary Internet Files/Content.... 4/13/2010

Case Number: 10286-2010
Page 2

SEROLOGY:**MFI² Serology Summary Report:**

Date: 4/9/2010	1	2	3	4	5	6	7	8	9	10
<i>Mycoplasma pulmonis</i>	-	-	-	-	-	-	-	-	-	-
RPV	-	-	-	-	-	-	-	-	-	-
RMV	-	-	-	-	-	-	-	-	-	-
KRV	-	-	-	-	-	-	-	-	-	-
H1	-	-	-	-	-	-	-	-	-	-
PVM	-	-	-	-	-	-	-	-	-	-
RCV/SDAV	-	-	-	-	-	-	-	-	-	-
RTV	-	-	-	-	-	-	-	-	-	-
Sendai	-	-	-	-	-	-	-	-	-	-
Rat IgG	N	N	N	N	N	N	N	N	N	N

Serology Detail Report:

		1	2	3	4	5	6	7	8	9	10
<i>Mycoplasma pulmonis</i>											
<i>M. pulmonis</i> purified bacteria	MFI (> 0.880)	-	-	-	-	-	-	-	-	EQ	-
<i>Mycoplasma pulmonis</i>	IFA									-	
RPV											
RPV purified virus	MFI (> 0.754)	-	-	-	-	-	-	-	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-	-	-	-	-	-	-	-
RMV											
RMV VP2 recombinant	MFI (> 0.845)	-	-	-	-	-	-	-	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-	-	-	-	-	-	-	-
KRV											
KRV purified virus	MFI (> 0.750)	-	-	-	-	-	-	-	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-	-	-	-	-	-	-	-
H1											
H1 purified virus	MFI (> 1.200)	-	-	-	-	-	-	-	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-	-	-	-	-	-	-	-
PVM											
PVM purified virus	MFI (> 0.475)	-	-	-	-	-	-	-	-	-	-
RCV/SDAV											
RCV/SDAV purified virus	MFI (> 1.525)	-	-	-	-	-	-	-	-	-	-
RCV/SDAV NC recombinant	MFI (> 3.700)	-	-	-	-	-	-	-	-	-	-

CN49730G

Case Number: 10286-2010
Page 3

Serology (continued)

		1	2	3	4	5	6	7	8	9	10
RTV											
RTV purified virus	MFI (> 0.190)	-	-	-	-	-	-	-	-	-	-
TMEV purified virus	MFI (> 0.341)	-	-	-	-	-	-	-	-	-	-
Sendai											
Sendai purified virus	MFI (> 0.800)	-	-	-	-	-	-	-	-	-	-

NS1¹ = NS1 protein is highly conserved among rodent parvoviruses and thus serves as a generic assay for parvovirus seroconversion.

(LEGEND: * = borderline + = positive - = negative blank = test not performed EQ = equivocal L = less than 10% normal IgG N = normal IgG NS = non-specific reactivity W = weak positive WB = Western Blot confirmatory analysis pending)

Positive MFI results are reported as "+" followed by a number from 1 to 33 in thousands rounded off to the nearest thousand.

CN49730G



FINAL REPORT OF LABORATORY EXAMINATION
4011 Discovery Drive, Columbia MO 65201
1-800-669-0825 1-573-882-5983
radil@missouri.edu www.radil.missouri.edu

CASE NUMBER: 7020-2011

RECEIVED ON: 2/4/2011

COMPLETED ON: 2/23/2011

SUBMITTED BY:

Daniel P. Kasler
Battelle Memorial Institute
505 King Ave.
Rm 7-1-20
Columbus, OH 43201
614-424-4977
614-424-4772 (fax)

SPECIMEN DESCRIPTION:

SPECIES: rat

DESCRIPTION: serum samples, diluted

NUMBER OF SPECIMENS: 10

<u>ID</u>	<u>Investigator</u>	<u>Room #</u>	<u>Sex</u>
CN49730G-906	Dawn Fallacara	7-2-007/009	M
CN49730G-907	Dawn Fallacara	7-2-007/009	M
CN49730G-908	Dawn Fallacara	7-2-007/009	M
CN49730G-909	Dawn Fallacara	7-2-007/009	M
CN49730G-1010	Dawn Fallacara	7-2-007/009	M
CN49730G-1927	Dawn Fallacara	7-2-040/041	F
CN49730G-1928	Dawn Fallacara	7-2-040/041	F
CN49730G-1930	Dawn Fallacara	7-2-040/041	F
CN49730G-2010	Dawn Fallacara	7-2-040/041	F
CN49730G-2009	Dawn Fallacara	7-2-040/041	F

SERVICES/TESTS PERFORMED Clinical Serology Profile - rat

Serologic evaluation for antibodies to: *Mycoplasma pulmonis*, H1, KRV, PVM, RCV/SDAV, RMV, RPV, RTV, Sendai

SUMMARY: All test results were negative.

If you have questions, please call our toll free number at 1-800-669-0825 or e-mail us at
radil@missouri.edu.

CN49730G

Technical Review
TAP 2/25/11
QC: BAB 3-15-11

Case Number: 7020-2011

Page 2

SEROLOGY:**MFI² Serology Summary Report:**

Date: 2/7/2011	CN49730G-906	CN49730G-907	CN49730G-908
<i>Mycoplasma pulmonis</i>	-	-	-
RPV	-	-	-
RMV	-	-	-
KRV	-	-	-
H1	-	-	-
PVM	-	-	-
RCV/SDAV	-	-	-
RTV	-	-	-
Sendai	-	-	-
Rat IgG	N	N	N

	CN49730G-909	CN49730G-1010	CN49730G-1927
<i>Mycoplasma pulmonis</i>	-	-	-
RPV	-	-	-
RMV	-	-	-
KRV	-	-	-
H1	-	-	-
PVM	-	-	-
RCV/SDAV	-	-	-
RTV	-	-	-
Sendai	-	-	-
Rat IgG	N	N	N

	CN49730G-1928	CN49730G-1930	CN49730G-2010
<i>Mycoplasma pulmonis</i>	-	-	-
RPV	-	-	-
RMV	-	-	-
KRV	-	-	-
H1	-	-	-
PVM	-	-	-
RCV/SDAV	-	-	-
RTV	-	-	-
Sendai	-	-	-

CN49730G

Case Number: 7020-2011

Page 3

Serology (continued)

	CN49730G-1928	CN49730G-1930	CN49730G-2010
Rat IgG	N	N	N

	CN49730G-2009
<i>Mycoplasma pulmonis</i>	-
RPV	-
RMV	-
KRV	-
H1	-
PVM	-
RCV/SDAV	-
RTV	-
Sendai	-
Rat IgG	N

Serology Detail Report:

		CN49730G-906	CN49730G-907	CN49730G-908
<i>Mycoplasma pulmonis</i>				
<i>M. pulmonis</i> purified bacteria	MFI (> 1.000)	-	-	-
RPV				
RPV purified virus	MFI (> 0.754)	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-
RMV				
RMV VP2 recombinant	MFI (> 0.845)	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-
KRV				
KRV purified virus	MFI (> 1.000)	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-
H1				
H1 purified virus	MFI (> 1.200)	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-
PVM				
PVM purified virus	MFI (> 0.475)	-	-	-
PVM virus	IFA			

CN49730G

Case Number: 7020-2011
Page 4

Serology (continued)

		CN49730G-906	CN49730G-907	CN49730G-908
RCV/SDAV				
RCV/SDAV purified virus	MFI (> 1.525)	-	-	-
RCV/SDAV NC recombinant	MFI (> 3.700)	-	-	-
RTV				
RTV purified virus	MFI (> 0.350)	-	-	-
TMEV purified virus	MFI (> 0.341)	-	-	-
Sendai				
Sendai purified virus	MFI (> 1.750)	-	-	-
		CN49730G-909	CN49730G-1010	CN49730G-1927
<i>Mycoplasma pulmonis</i>				
<i>M. pulmonis</i> purified bacteria	MFI (> 1.000)	-	-	-
RPV				
RPV purified virus	MFI (> 0.754)	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-
RMV				
RMV VP2 recombinant	MFI (> 0.845)	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-
KRV				
KRV purified virus	MFI (> 1.000)	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-
H1				
H1 purified virus	MFI (> 1.200)	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-
PVM				
PVM purified virus	MFI (> 0.475)	-	-	-
PVM virus	IFA			
RCV/SDAV				
RCV/SDAV purified virus	MFI (> 1.525)	-	-	-
RCV/SDAV NC recombinant	MFI (> 3.700)	-	-	-
RTV				
RTV purified virus	MFI (> 0.350)	-	-	-
TMEV purified virus	MFI (> 0.341)	-	-	-

CN49730G

Case Number: 7020-2011
Page 5

Serology (continued)

		CN49730G-909	CN49730G-1010	CN49730G-1927
Sendai				
Sendai purified virus	MFI (> 1.750)	-	-	-
		CN49730G-1928	CN49730G-1930	CN49730G-2010
<i>Mycoplasma pulmonis</i>				
<i>M. pulmonis</i> purified bacteria	MFI (> 1.000)	-	-	-
RPV				
RPV purified virus	MFI (> 0.754)	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-
RMV				
RMV VP2 recombinant	MFI (> 0.845)	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-
KRV				
KRV purified virus	MFI (> 1.000)	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-
H1				
H1 purified virus	MFI (> 1.200)	-	-	-
NS1 ¹	MFI (> 3.820)	-	-	-
PVM				
PVM purified virus	MFI (> 0.475)	-	-	+1
PVM virus	IFA			-
RCV/SDAV				
RCV/SDAV purified virus	MFI (> 1.525)	-	-	-
RCV/SDAV NC recombinant	MFI (> 3.700)	-	-	-
RTV				
RTV purified virus	MFI (> 0.350)	-	-	-
TMEV purified virus	MFI (> 0.341)	-	-	-
Sendai				
Sendai purified virus	MFI (> 1.750)	-	-	-

CN49730G

Case Number: 7020-2011
Page 6

Serology (continued)

CN49730G-2009

Mycoplasma pulmonis

M. pulmonis purified bacteria MFI (> 1.000) -

RPV

RPV purified virus MFI (> 0.754) -

NS1¹ MFI (> 3.820) -

RMV

RMV VP2 recombinant MFI (> 0.845) -

NS1¹ MFI (> 3.820) -

KRV

KRV purified virus MFI (> 1.000) -

NS1¹ MFI (> 3.820) -

H1

H1 purified virus MFI (> 1.200) -

NS1¹ MFI (> 3.820) -

PVM

PVM purified virus MFI (> 0.475) -

PVM virus IFA -

RCV/SDAV

RCV/SDAV purified virus MFI (> 1.525) -

RCV/SDAV NC recombinant MFI (> 3.700) -

RTV

RTV purified virus MFI (> 0.350) -

TMEV purified virus MFI (> 0.341) -

Sendai

Sendai purified virus MFI (> 1.750) -

NS1¹ = NS1 protein is highly conserved among rodent parvoviruses and thus serves as a generic assay for parvovirus seroconversion.

(LEGEND: * = borderline + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient L = less than 10% normal IgG N = normal IgG NS = non-specific reactivity W = weak positive WB = Western Blot confirmatory analysis pending)

Positive MFI results are reported as "+" followed by a number from 1 to 33 in thousands rounded off to the nearest thousand.

CN49730G



ADDENDUM to
FINAL REPORT OF LABORATORY EXAMINATION
 4011 Discovery Drive, Columbia MO 65201
 1-800-669-0825 1-573-882-5983
radil@missouri.edu www.radil.missouri.edu

CASE NUMBER: 7020-2011

RECEIVED ON: 2/4/2011

COMPLETED ON: 2/23/2011

ADDENDUM DATED: 2/14/2011

SUBMITTED BY:

Daniel P. Kasler
 Battelle Memorial Institute
 505 King Ave.
 Rm 7-1-20
 Columbus, OH 43201
 614-424-4977
 614-424-4772 (fax)

SEROLOGY:

Date: 2/14/2011

		CN49730G-906	CN49730G-907	CN49730G-908
CAR bacillus purified bacteria	MFI (> 3.000)	-	-	-
Hantaan purified virus	MFI (> 0.712)	-	-	-
LCMV purified virus	MFI (> 0.150)	-	-	-
LCMV virus	IFA			
MAD1 purified virus	MFI (> 0.350)	-	-	-
REO3 purified virus	MFI (> 1.000)	-	-	-
<i>Clostridium piliforme</i> purified bacteria	MFI (> 3.000)	-	-	-
		CN49730G-909	CN49730G-1010	CN49730G-1927
CAR bacillus purified bacteria	MFI (> 3.000)	-	-	-
Hantaan purified virus	MFI (> 0.712)	-	-	-
LCMV purified virus	MFI (> 0.150)	-	+	-
LCMV virus	IFA		-	
MAD1 purified virus	MFI (> 0.350)	-	-	-
REO3 purified virus	MFI (> 1.000)	-	-	-
<i>Clostridium piliforme</i> purified bacteria	MFI (> 3.000)	-	-	-

CN49730G

Case Number: 7020-2011
Page 2

Serology (continued)

		CN49730G-1928	CN49730G-1930	CN49730G-2010
CAR bacillus purified bacteria	MFI (> 3.000)	-	-	-
Hantaan purified virus	MFI (> 0.712)	-	-	-
LCMV purified virus	MFI (> 0.150)	-	-	-
LCMV virus	IFA			
MAD1 purified virus	MFI (> 0.350)	-	-	-
REO3 purified virus	MFI (> 1.000)	-	-	-
<i>Clostridium piliforme</i> purified bacteria	MFI (> 3.000)	-	-	-

		CN49730G-2009
CAR bacillus purified bacteria	MFI (> 3.000)	-
Hantaan purified virus	MFI (> 0.712)	-
LCMV purified virus	MFI (> 0.150)	-
LCMV virus	IFA	
MAD1 purified virus	MFI (> 0.350)	-
REO3 purified virus	MFI (> 1.000)	-
<i>Clostridium piliforme</i> purified bacteria	MFI (> 3.000)	-

(LEGEND: * = borderline + = positive - = negative blank = test not performed EQ = equivocal HE = hemolysis precluded testing I = insufficient L = less than 10% normal IgG N = normal IgG NS = non-specific reactivity W = weak positive WB = Western Blot confirmatory analysis pending)

Positive MFI results are reported as "+" followed by a number from 1 to 33 in thousands rounded off to the nearest thousand.

If you have questions, please call our toll free number at 1-800-669-0825 or e-mail us at radil@missouri.edu.

CN49730G

**APPENDIX M: SURVIVAL AND TUMOR DOSE TREND STATISTICAL
ANALYSIS REPORT**

Battelle*The Business of Innovation***STATISTICAL ANALYSIS REPORT****2-YEAR CHRONIC TOXICITY/CARCINOGENICITY STUDY OF TOBACCO
BLEND AND AQUEOUS TOBACCO EXTRACT IN WISTAR HAN RATS**

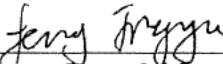
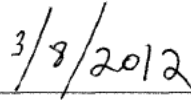
Battelle Study No. CN49730G

March 8, 2012

Prepared By:

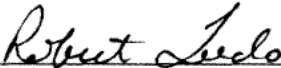
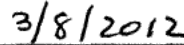
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1.0 INTRODUCTION

This report summarizes the statistical analysis of survival and tumor incidence data from a 2-year chronic toxicity/carcinogenicity study of two separate test articles, a tobacco blend and an aqueous tobacco extract from that blend, administered in the diet to Wistar Han rats. A total of 960 rats were used in this study for the core dosage groups for the 2-year timepoint, of which 480 were females and 480 were males. Animals were randomly assigned to eight core dosage groups by sex and body weight using a computer algorithm (PATH/TOX SYSTEM, Version 4.2.2), such that there were 60 rats per sex per group. There was an additional core sentinel group (30 animals per sex) that received diet without test articles. The eight dosage groups were fed diets without test articles, Control-A (Group 1) and Control-B (Group 2), or diets with two separate test articles, tobacco blend low dose (0.2 mg nicotine/kg/day, Group 3), tobacco blend intermediate dose (2 mg nicotine/kg/day, Group 4), tobacco blend high dose (5 mg nicotine/kg/day, Group 5), tobacco extract low dose (0.2 mg nicotine/kg/day, Group 6), tobacco extract intermediate dose (2 mg nicotine/kg/day, Group 7), and tobacco extract high dose (5 mg nicotine/kg/day, Group 8). In each core dosage group for the 2-year timepoint, 60 animals of each sex were used to assess potential toxicity and carcinogenicity. The dosage groups were abbreviated as CF, CBF, B0.2F, B2F, B5F, E0.2F, E2F, and E5F for females, and CM, CBM, B0.2M, B2M, B5M, E0.2M, E2M, and E5M for males, respectively.

1.1 Objectives of the Analysis

The objectives of the analysis were to determine whether significant differences in intercurrent mortalities occurred among the study groups within each test article versus corresponding controls, and whether significant linear dose-response trends existed in incidences of tumors among the following groups by test article:

1.1.1 Tobacco Blend

- Group 1 and Groups 3 to 5
- Group 2 and Groups 3 to 5
- Groups 1 and 2 and Groups 3 to 5

1.1.2 Tobacco Extract

- Group 1 and Groups 6 to 8
- Group 2 and Groups 6 to 8
- Groups 1 and 2 and Groups 6 to 8

These analyses were conducted separately for males and females.

2.0 METHODS

(b) (4)

A large black rectangular redaction box covering the content of section 2.0.**2.1 Survival**

(b) (4)

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(b) (4)



2.2.1 Incidental Methods

(b) (4)



2.2.2 Fatal Methods

(b) (4)



2.2.3 Combined Methods

(b) (4)



2.2.4 General Comments

(b) (4)



3.0 RESULTS

3.1 Survival Analysis

Kaplan-Meier survival curves for male and female rats are plotted in Figure 1 for all eight dosage groups. These survival curves are also displayed in Figure 2 and Figure 3 for tobacco blend and tobacco extract, respectively. Table 1 presents the frequency of early

(unscheduled) death animals and final (scheduled) sacrifice animals. Table 2 summarizes the median survival times as well as the mean survival time restricted to the longest final sacrifice times and their associated 95 percent confidence intervals. Table 3 presents the results of statistical tests of the survival data. The mean survival times were restricted to the longest final sacrifice times (i.e., 746 days), and were therefore underestimated.

There were no statistically significant differences in survival among groups in either the tobacco blend or tobacco extract groups, for either males or females (Table 2).

At least 68 percent of female animals in any dose groups survived until the final sacrifice, and the CBF and B2F had slightly more early deaths (Table 1) compared to the other dose groups. At least 75 percent of males in any dose group survived until the final sacrifice. The CBM and E5M groups had slightly more animals die early, and the B5M group had slightly fewer animals that died early (Table 1) compared to the other dose groups; however, these differences were not statistically significant. The median survival times are larger than the final sacrifice times for either females or males, as more than 50 percent of animals survived until the final sacrifice. In general, there were slightly more early deaths in females than males.

3.2 Tumor Analysis

Table 4 and Table 5 present the results of statistical analyses of tumor incidence data for females for tobacco blend and tobacco extract, respectively. Table 6 and Table 7 present the results of statistical analyses of tumor incidence data for males for tobacco blend and tobacco extract, respectively. Also provided in these tables are the numbers of animals in each dose group with tumors for each tumor type of interest. As discussed in the method section, the mortality independent tumors were regarded as incidental tumors for the tumor analyses. If a specified type of tumor was observed in both incidental and fatal contexts among the dose groups involved in a given trend test, then the Peto's method was used for the given trend test for the specific tumor type. If the linear dose trends were statistically significant at the $0.05/3=0.0167$ level, then the p-values were listed in the tables.

Trend test results with p-values ≤ 0.05 before multiple adjustments are presented in Appendix A. These tables were included for reporting purposes only, and were not

summarized within this report. In addition, p-values for all dose trend tests are presented in Appendix B and the data set used for the survival and tumor incidence statistical analysis is presented in Appendix C.

3.2.1 Results for Tobacco Blend

The trend tests detected a statistically significant dose-response trend in tumor rates at the 0.0167 significance level in the following instances:

- Two decreasing dose response trends among groups CBF, B0.2F, B2F, and B5F and among groups CF, CBF, B0.2F, B2F, and B5F, for B-ADENOMA in MAMMARY GLAND: there were eight (three incidental and five mortality independent) tumors in the CF group, fourteen (two incidental, nine mortality independent and three fatal) tumors in the CBF group, nine (two incidental, five mortality independent and two fatal) tumors in the B0.2F group, ten (two incidental, six mortality independent and two fatal) tumors in the B2F group, and two (one incidental and one mortality independent) tumors in the B5F group (Table 4).
- An increasing dose response trend among groups CF, CBF, B0.2F, B2F, and B5F, M-CARCINOMA in the UTERUS: there was one (fatal) tumor in the CF group, five (two mortality independent and three fatal) tumors in the B0.2F group, three (one incidental, one mortality independent, and one fatal) tumors in the B2F group, seven (four mortality independent and three fatal) tumors in the B5F group, and no tumors in the CBF group (Table 4).
- An increasing dose response trend among groups CM, CBM, B0.2M, B2M, and B5M, for M-MESOTHELIOMA in the EPIDIDYMISS: there were three (mortality independent) tumors in B5M group and no tumors in the other male tobacco blend and the two male control groups (Table 6).

3.2.2 Results for Tobacco Extract

The trend tests detected a statistically significant dose-response trend in tumor rates at the 0.0167 significance level in the following instances:

- A decreasing dose response trend among groups CF, E0.2F, E2F, and E5F, for M-CARCINOMA, BASAL CELL in SKIN: there were four (one mortality independent, one incidental, and two fatal) tumors in the CF group and no tumors in the female tobacco extract groups (Table 5).
- Three decreasing dose response trends among groups CM, E0.2M, E2M, and E5M for B-ADENOMA, FOLLICULAR CELL in the THYROID GLAND, among CBM, E0.2M, E2M, and E5M, and also CM, CBM, E0.2M, E2M, and E5M: there were seven (mortality independent) tumors in each of the CM and

CBM groups, four (three mortality independent and one incidental) tumors in E0.2M, four (mortality independent) tumors in E2M, and no tumors in E5M (Table 7).

4.0 CONCLUSIONS

Analysis of the survival data indicated there was no difference in intercurrent mortalities among the study groups for either the males or females.

Summary tables including statistically significant ($p \leq 0.0167$) trend tests are presented in Appendix D. The tumor analysis indicated that:

- There were decreasing dose response trends in tumor incidence rates observed for B-ADENOMA in MAMMARY GLAND for tobacco blend females, for M-CARCINOMA, BASAL CELL in SKIN for tobacco extract females, and for B-ADENOMA, FOLLICULAR CELL in the THYROID GLAND for tobacco extract males.
- There were increasing dose response trends in tumor incidences observed for M-CARCINOMA in the UTERUS for tobacco blend females, and in M-MESOTHELIOMA in the EPIDIDYMIS for tobacco blend males.
- There were no increasing dose response trends in either males or females for the tobacco extract treatment.

5.0 REFERENCES

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Table 1. Frequency of Early Deaths Within the Study Period

Sex	Group	Number of Early (Unscheduled) Deaths	Number of Final (Scheduled) Sacrifice Animals	Total Numbers
Female	1 (CF)	15	45	60
	2 (CBF)	19	41	60
	3 (B0.2F)	16	44	60
	4 (B2F)	18	42	60
	5 (B5F)	13	47	60
	6 (E0.2F)	12	48	60
	7 (E2F)	12	48	60
	8 (E5F)	13	47	60
Male	1 (CM)	9	51 ^a	60 ^a
	2 (CBM)	14	46	60
	3 (B0.2M)	11	49	60
	4 (B2M)	10	50	60
	5 (B5M)	6	54	60
	6 (E0.2M)	10	50	60
	7 (E2M)	11	49	60
	8 (E5M)	15	45	60

a. Animals 175 and 176 were missing on Day 547 and they were treated as censored observations (they were still alive on Day 547).

Table 2. Kaplan Meier Median and Restricted Mean Survival Time and 95% Confidence Interval by Group (Days)

Group	Median ^a		Restricted Mean ^b	
	Female	Male	Female	Male
1 (CF, CM)	> FS (744,- ^{c,d})	> FS (-,-)	708 (687,728)	711 (685,737)
2 (CBF, CBM)	> FS (-,-)	> FS (-,-)	697 (674,721)	697 (666,728)
3 (B0.2F, B0.2M)	> FS (-,-)	> FS (-,-)	713 (694,733)	720 (702,738)
4 (B2F, B2M)	> FS (-,-)	> FS (-,-)	699 (675,722)	707 (677,736)
5 (B5F, B5M)	> FS (745,-)	> FS (-,-)	709 (689,730)	734 (724,745)
6 (E0.2F, E0.2M)	> FS (-,-)	> FS (-,-)	723 (710,736)	707 (676,738)
7 (E2F, E2M)	> FS (-,-)	> FS (-,-)	718 (700,735)	724 (710,738)
8 (E5F, E5M)	> FS (-,-)	> FS (-,-)	726 (713,739)	710 (691,730)

FS = Final sacrifice time (censored).

a. Median survival time.

b. Mean survival time restricted to longest follow-up time (final sacrificed time) and thus mean survival times were underestimated.

c. Confidence interval could not be estimated because the value is larger than the final sacrifice time.

d. 95% confidence interval.

Table 3. Test for Difference in Survival Times Based on Log-Rank Test

	Female	Male
Group Effect p-value	0.6699	0.5226

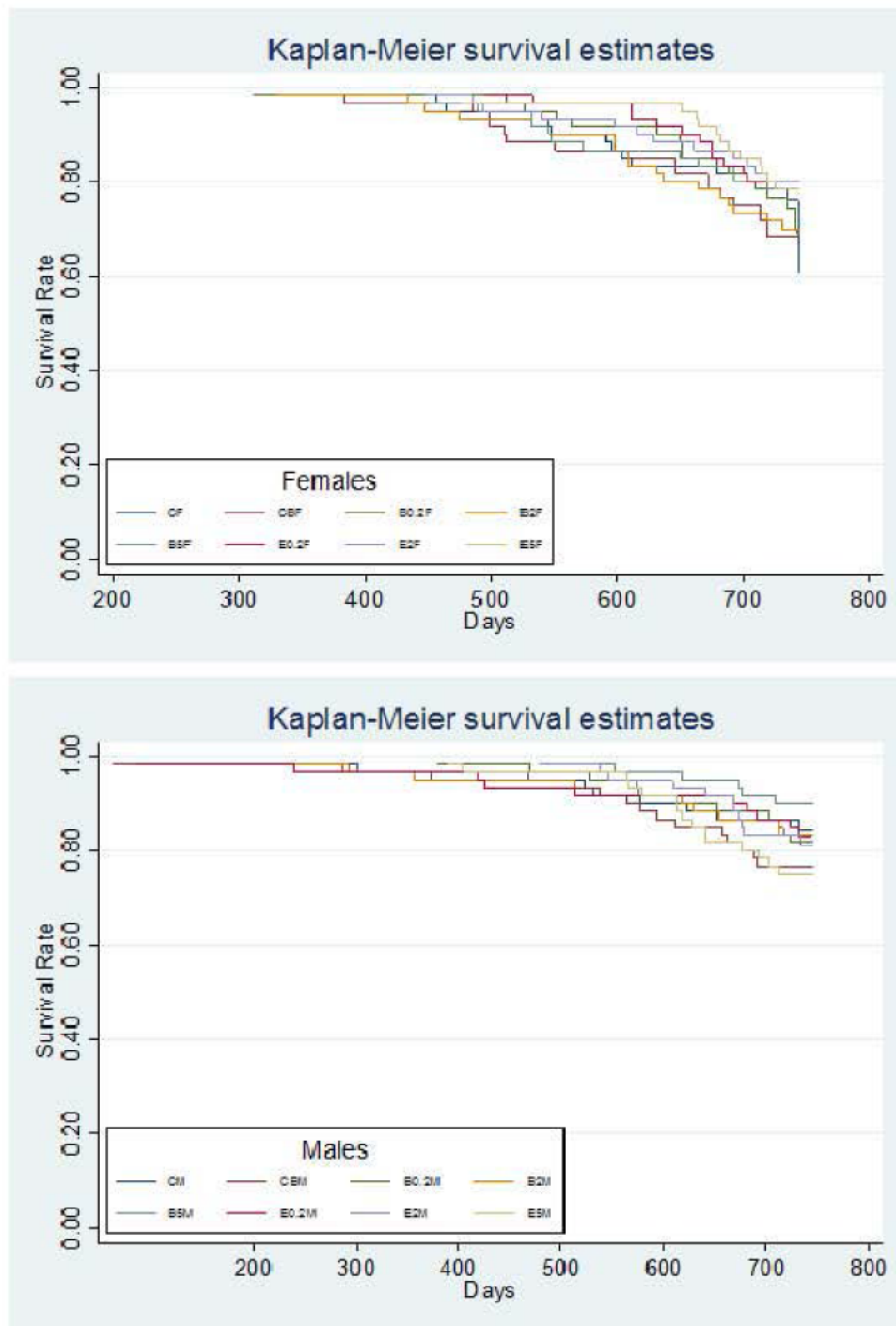


Figure 1. Kaplan-Meier Survival Estimates Associated with Time to Death for Each Group

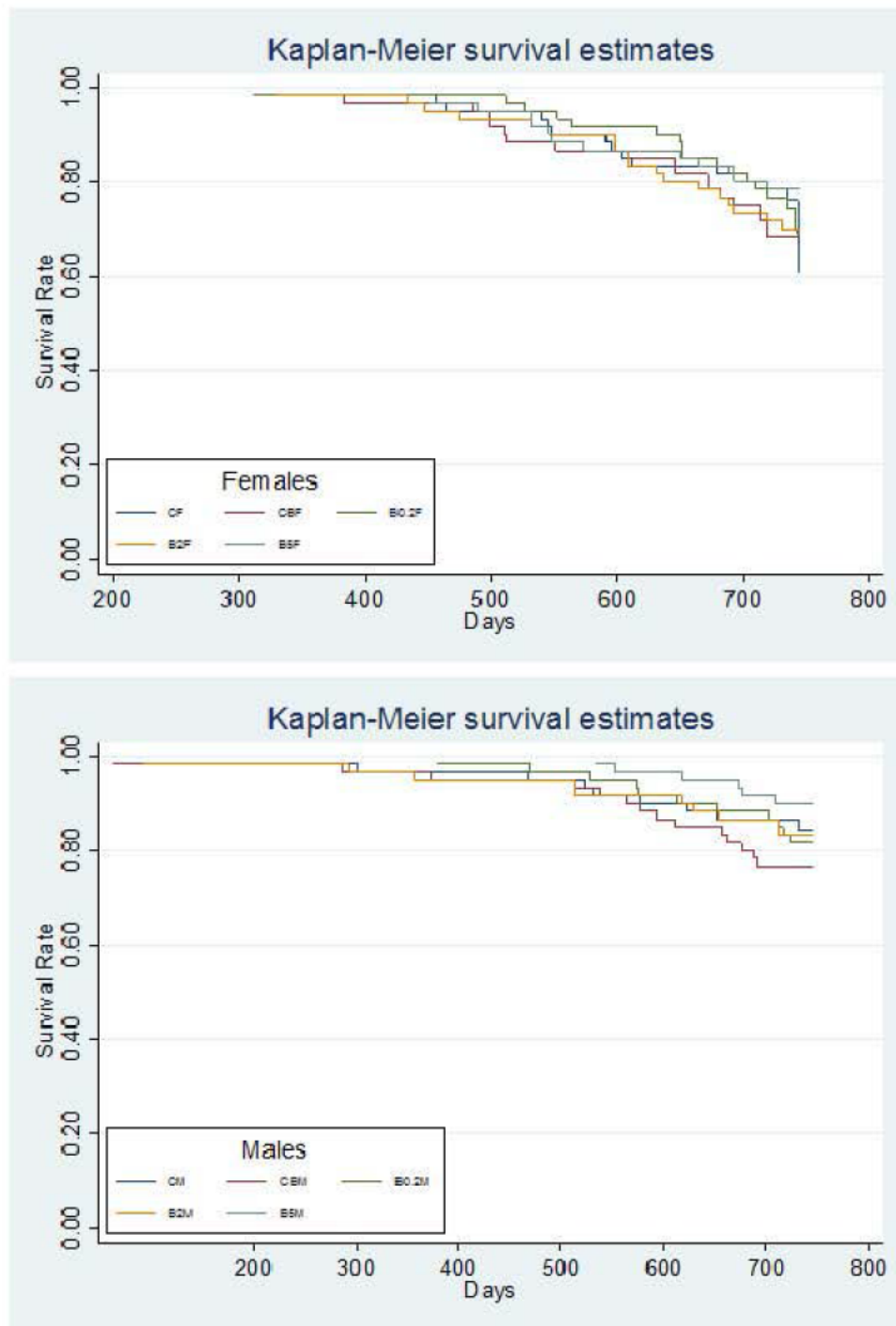


Figure 2. Kaplan-Meier Survival Estimates Associated with Time to Death for Each Group – Tobacco Blend

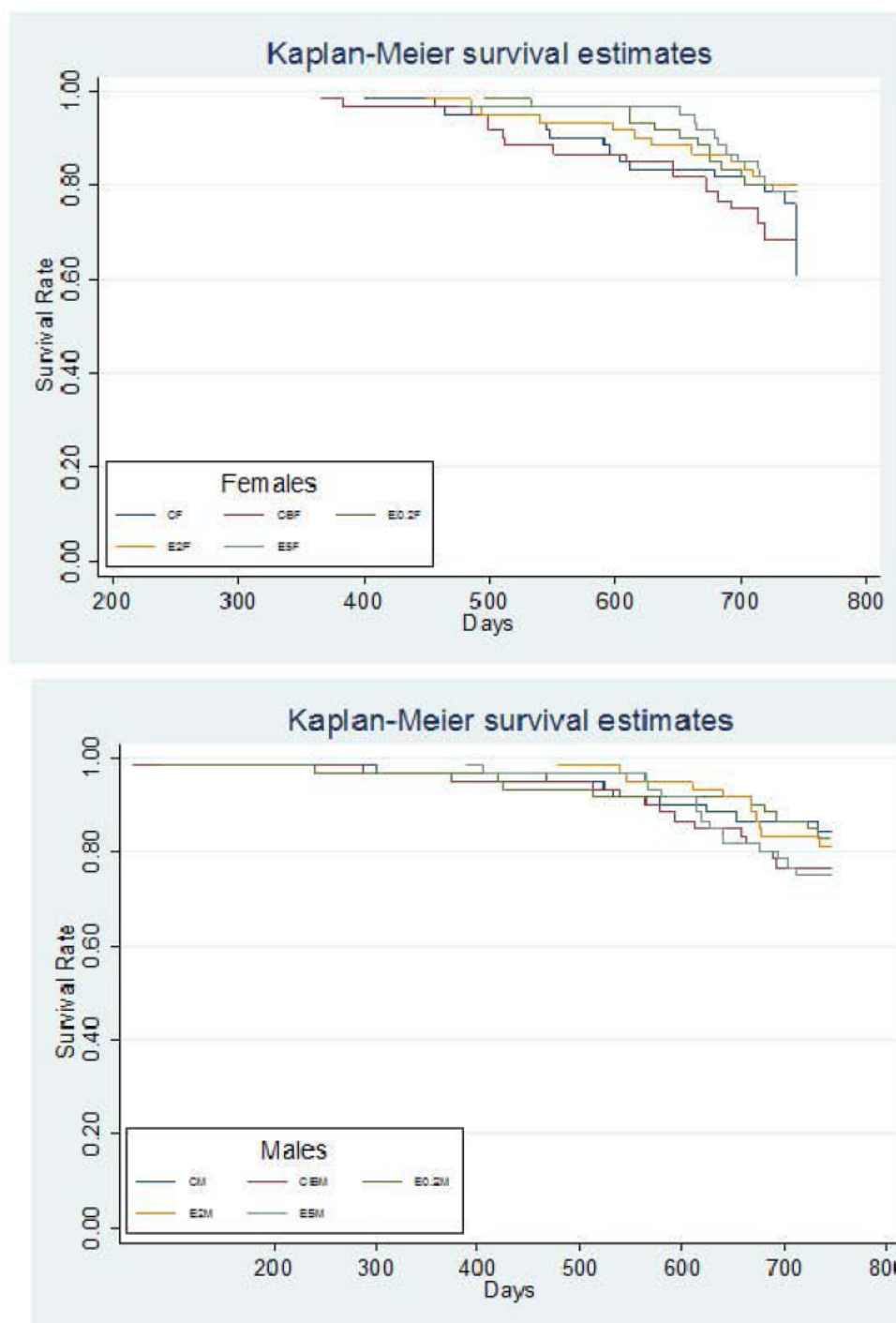


Figure 3. Kaplan-Meier Survival Estimates Associated with Time to Death for Each Group – Tobacco Extract

Table 4. Results of Analysis of Tumor Data – Tobacco Blend Females

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Adrenal Gland	29	B ^d -PHEOCHROMOCYTOMA	I	0	0	1	0	0			
			M	0	0	1	1	0			
			F	0	0	0	0	0			
	38	F ^e -LYMPHOMA	I	0	1	0	0	0			
Bone	71	M ^f -OSTEOSARCOMA	F	0	1	0	0	0			
			M	0	0	0	0	1			
Brain	19	B-GRANULAR CELL TUMOR	F	0	0	0	0	0			
			F	0	0	0	0	1			
	39	M-ASTROCYTOMA	F	0	0	0	0	1			
	68	M-MEDULLOBLASTOMA	F	0	0	0	0	1			
	70	M-OLIGODENDROGLIOMA	F	1	1	0	0	0			
Cecum	38	F-LYMPHOMA	M	0	0	0	0	0			
Clitoral Gland	40	M-CARCINOMA	M	0	0	0	0	1			
Eye	34	B-SCHWANNOMA, OPTIC NERVE	M	1	0	0	0	0			
			I	0	1	0	0	0			
Heart	33	B-SCHWANNOMA, ENDOCARDIAL	M	0	0	0	1	0			
			F	0	0	0	0	0			
	81	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (HEART)	I	0	0	0	1	0			
Kidney	25	B-LIPOMA	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	1	0	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	82	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (KIDNEY)	I	0	0	0	1	0			
			I	0	0	0	1	0			

Table 4. Results of Analysis of Tumor Data – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Liver	3	B-ADENOMA, BILIARY	I	0	1	0	0	0			
			M	0	0	0	0	0			
	8	B-ADENOMA, HEPATOCELLULAR	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	1	1	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	0	0			
	65	M-LEIOMYOSARCOMA, METASTATIC (STOMACH)	M	0	0	0	0	0			
	83	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LIVER)	I	0	0	0	1	0			
LN-Mediastinal	38	F-LYMPHOMA	I	0	0	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	1	0	0	0			
	85	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-MEDIASTINAL)	I	0	0	0	1	0			
LN-Mesenteric	21	B-HEMANGIOMA	I	0	0	0	0	0			
			M	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
			M	0	0	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	1	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	1	0	0	0			
	65	M-LEIOMYOSARCOMA, METASTATIC (STOMACH)	I	0	0	0	1	0			

Table 4. Results of Analysis of Tumor Data – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
LN-Mesenteric	86	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-MESENTERIC)	I	0	0	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
LN-Other	54	M-CARCINOMA, METASTATIC (UTERUS)	I	1	0	0	0	0			
	62	M-HEMANGIOSARCOMA	M	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	0	0			
	87	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-OTHER)	I	0	0	0	1	0			
	4	B-ADENOMA, BRONCHIOLAR-ALVEOLAR	M	0	0	0	0	0			
Lung	38	F-LYMPHOMA	I	1	1	0	0	0			
			F	0	0	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	1	0	0	0	2			
			M	0	0	1	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	0	0			
	73	M-OSTEOSARCOMA, METASTATIC (SKELETAL MUSCLE)	I	1	0	0	0	0			
	79	M-STROMAL SARCOMA, METASTATIC (UTERUS)	I	0	1	0	0	0			
	84	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LUNG)	I	0	0	0	1	0			
Mammary Gland	1	B-ADENOMA	I	3	2	2	2	1			
			M	5	9	5	6	1			
			F	0	3	2	2	0			
									0.0042	0.0164	

Table 4. Results of Analysis of Tumor Data – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Mammary Gland	25	B-LIPOMA, INFILTRATIVE	M	0	1	0	0	0			
	38	F-LYMPHOMA	I	1	1	0	0	0			
	42	M-CARCINOMA	I	0	0	0	1	0			
			M	1	0	1	0	2			
			F	0	0	1	0	2			
	59	M-CARCINOSARCOMA	I	0	0	1	0	0			
Mesentery	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	1	0	2			
	63	M-HISTIOCYTIC SARCOMA	I	0	1	0	0	0			
	69	M-MESOTHELIOMA	M	0	0	0	0	1			
	88	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (MESENTERY)	I	0	0	0	1	0			
Nose/Turbinates	57	M-CARCINOMA, SQUAMOUS CELL	M	1	0	0	0	0			
Oral Mucosa	57	M-CARCINOMA, SQUAMOUS CELL	M	0	1	0	0	0			
			F	1	0	0	1	0			
Ovary	1	B-ADENOMA	I	0	0	0	0	0			
	14	B-DYSGERMINOMA	I	0	0	0	0	0			
	18	B-GONADAL STROMAL TUMOR, UNDIFFERENTIATED	I	0	0	0	0	0			
			M	0	0	0	0	0			
	20	B-GRANULOSA CELL TUMOR	M	0	1	1	0	1			
	26	B-LUTEOMA	M	0	0	0	0	0			
	35	B-SERTOLI CELL TUMOR	I	0	1	0	0	0			
			M	0	0	0	0	0			

Table 4. Results of Analysis of Tumor Data – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Ovary	36	B-THECOMA	M	0	1	0	0	1			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	0			
	69	M-MESOTHELIOMA	M	0	0	0	0	1			
Pancreas	38	F-LYMPHOMA	I	0	1	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	2	0	1			
	89	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (PANCREAS)	I	0	0	0	1	0			
			I	0	0	0	0	1			
Pituitary Gland	10	B-ADENOMA, PARS DISTALIS	M	18	13	13	12	14			
			F	5	8	7	5	2			
			M	0	2	1	0	0			
	11	B-ADENOMA, PARS INTERMEDIA	F	0	0	0	0	0			
			M	2	0	1	3	0			
			F	0	0	0	1	0			
Parathyroid	1	B-ADENOMA	M	0	1	0	0	0			
Salivary Gland	45	M-CARCINOMA	M	0	0	0	0	0			
Skin	15	B-FIBROMA	M	0	0	0	1	0			
	25	B-LIPOMA	M	0	0	0	0	0			
	28	B-PAPILLOMA, SQUAMOUS CELL	M	1	0	1	0	0			
	47	M-CARCINOMA, APOCRINE GLAND	F	0	1	0	0	0			
	48	M-CARCINOMA, BASAL CELL	I	1	0	0	0	0			
			M	1	0	0	0	1			
			F	2	0	0	0	0			

Table 4. Results of Analysis of Tumor Data – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Skin	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	1	0	0			
	61	M-FIBROSARCOMA	F	0	0	0	1	0			
	63	M-HISTIOCYTIC SARCOMA	F	0	0	1	0	0			
Skeletal Muscle	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	72	M-OSTEOSARCOMA, EXTRASKELETAL	F	1	0	0	0	0			
	75	M-RHABDOMYOSARCOMA	F	0	2	0	0	0			
Spleen	21	B-HEMANGIOMA	M	0	0	0	0	0			
	38	F-LYMPHOMA	I	1	0	0	0	0			
			F	0	0	0	0	0			
	62	M-HEMANGIOSARCOMA	M	0	0	0	0	0			
	90	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (SPLEEN)	I	0	0	0	1	0			
Stomach	16	B-FIBROPAPILLOMA	I	0	1	0	0	0			
			M	0	0	0	0	1			
	38	F-LYMPHOMA	I	1	0	0	0	0			
			F	0	1	0	0	0			
	64	M-LEIOMYOSARCOMA	M	0	0	0	0	0			
Sternum	71	M-OSTEOSARCOMA	F	0	0	0	1	0			
			M	0	0	0	0	0			
Thyroid Gland	5	B-ADENOMA, C-CELL	I	0	2	1	1	1			
			M	4	4	5	5	4			
	7	B-ADENOMA, FOLLICULAR CELL	I	0	0	1	0	1			
			M	1	2	1	1	1			
	52	M-CARCINOMA, FOLLICULAR CELL	M	0	0	1	0	0			

Table 4. Results of Analysis of Tumor Data – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Thymus	38	F-LYMPHOMA	I	1	0	0	0	0	0.0117		
			M	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	0	0			
			M	0	2	1	0	0			
Urinary Bladder	80	M-THYMOMA	F	1	0	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	0	0	0			
	58	M-CARCINOMA, TRANSITIONAL CELL	F	0	0	0	1	0			
Uterus	31	B-POLYP, ENDOMETRIAL STROMAL	I	0	2	0	2	0			
			M	4	2	4	3	4			
			F	0	0	0	0	1			
	46	M-CARCINOMA	I	0	0	0	1	0			
			M	0	0	2	1	4			
			F	1	0	3	1	3			
	63	M-HISTIOCYTIC SARCOMA	F	0	0	0	0	0			
	77	M-SARCOMA, STROMAL	I	0	1	0	0	0			
			M	1	0	0	0	0			
			F	2	1	0	1	0			
Vagina	21	B-HEMANGIOMA	I	0	0	0	0	0			
	24	B-LEIOMYOMA	M	0	2	0	0	0			
	30	B-POLYP	M	1	0	0	0	0			
			F	0	0	0	2	1			
	57	M-CARCINOMA, SQUAMOUS CELL	M	0	0	0	0	1			
	64	M-LEIOMYOSARCOMA	F	0	0	0	0	0			

Table 4. Results of Analysis of Tumor Data – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Zymbal's Gland	57	M-CARCINOMA, SQUAMOUS CELL	I	1	0	0	0	0			
			F	0	1	0	0	0			

a. "Mortality independent" is treated as "incidental" in the tumor analysis. In this column, M = Mortality Independent, I = Incidental, F = Fatal.

b. Number of animals per group = 60; however, the number examined per group may vary (e.g., missing tissue) and be less than 60.

c. The significance levels for the trend tests were adjusted using the Bonferroni approach to control the overall error rate to no more than 0.05 for testing the three trend tests simultaneously. If the dose trends were significant at the Bonferroni adjusted $0.05/3 = 0.0167$ level, then the p-values were provided in this column.

d. B = benign.

e. F = infiltrative.

f. M = malignant.

Table 5. Results of Analysis of Tumor Data – Tobacco Extract Females

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
Adrenal Bland	29	B ^d -PHEOCHROMOCYTOMA	I	0	0	1	0	0			
			M	0	0	0	0	0			
			F	0	0	0	1	0			
	38	F ^e -LYMPHOMA	I	0	1	0	0	0			
Bone	71	M ^f -OSTEOSARCOMA	F	0	1	0	0	0			
			M	0	0	0	0	0			
Brain	19	B-GRANULAR CELL TUMOR	F	0	0	0	1	0			
	39	M-ASTROCYTOMA	F	0	0	0	0	0			
	68	M-MEDULLOBLASTOMA	F	0	0	0	0	0			
	70	M-OLIGODENDROGLIOMA	F	1	1	0	0	0			
Cecum	38	F-LYMPHOMA	M	0	0	0	1	0			
Clitoral Gland	40	M-CARCINOMA	M	0	0	0	0	0			
Eye	34	B-SCHWANNOMA, OPTIC NERVE	M	1	0	0	0	0			
Heart	33	B-SCHWANNOMA, ENDOCARDIAL	I	0	1	0	0	0			
			M	0	0	2	0	0			
			F	0	0	0	1	0			
	81	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (HEART)	I	0	0	0	0	0			
Kidney	25	B-LIPOMA	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	1	0	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	0			
	82	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (KIDNEY)	I	0	0	0	0	0			
Liver	3	B-ADENOMA, BILIARY	I	0	1	0	0	0			
			M	0	0	0	1	0			

Table 5. Results of Analysis of Tumor Data – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
Liver	8	B-ADENOMA, HEPATOCELLULAR	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	1	1	0	0	1			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	1	0			
	65	M-LEIOMYOSARCOMA, METASTATIC (STOMACH)	M	0	0	0	0	1			
	83	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LIVER)	I	0	0	0	0	0			
LN-Mediastinal	38	F-LYMPHOMA	I	0	0	0	0	1			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	1	0	0	0			
	85	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-MEDIASTINAL)	I	0	0	0	0	0			
LN-Mesenteric	21	B-HEMANGIOMA	I	0	0	1	0	0			
			M	0	0	1	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
			M	0	0	0	1	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	1	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	1	0	0	0			
	65	M-LEIOMYOSARCOMA, METASTATIC (STOMACH)	I	0	0	0	0	0			
	86	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-MESENERIC)	I	0	0	0	0	0			

Table 5. Results of Analysis of Tumor Data – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
LN-Other	38	F-LYMPHOMA	I	0	0	0	0	1			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	1	0	0	0	1			
	62	M-HEMANGIOSARCOMA	M	0	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	1	0			
	87	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-OTHER)	I	0	0	0	0	0			
Lung	4	B-ADENOMA, BRONCHIOLAR-ALVEOLAR	M	0	0	0	1	0			
	38	F-LYMPHOMA	I	1	1	0	0	1			
			F	0	0	0	1	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	1	0	0	0	1			
			M	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	1	0			
	73	M-OSTEOSARCOMA, METASTATIC (SKELETAL MUSCLE)	I	1	0	0	0	0			
	79	M-STROMAL SARCOMA, METASTATIC (UTERUS)	I	0	1	0	0	0			
Mammary Gland	84	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LUNG)	I	0	0	0	0	0			
			I	3	2	3	2	0			
	1	B-ADENOMA	M	5	9	10	5	7			
			F	0	3	1	1	1			
	25	B-LIPOMA, INFILTRATIVE	M	0	1	0	0	0			
	38	F-LYMPHOMA	I	1	1	0	0	0			

Table 5. Results of Analysis of Tumor Data – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
Mammary Gland	42	M-CARCINOMA	I	0	0	0	0	2			
			M	1	0	1	0	1			
			F	0	0	0	1	0			
	59	M-CARCINOSARCOMA	I	0	0	0	0	0			
Mesentery	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	1	0	0	0			
	69	M-MESOTHELIOMA	M	0	0	0	0	0			
	88	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (MESENTERY)	I	0	0	0	0	0			
Nose/Turbinates	57	M-CARCINOMA, SQUAMOUS CELL	M	1	0	0	0	0			
Oral Mucosa	57	M-CARCINOMA, SQUAMOUS CELL	M	0	1	0	0	0			
			F	1	0	0	0	0			
Ovary	1	B-ADENOMA	I	0	0	1	0	0			
	14	B-DYSGERMINOMA	I	0	0	0	0	1			
	18	B-GONADAL STROMAL TUMOR, UNDIFFERENTIATED	I	0	0	0	1	0			
			M	0	0	0	1	0			
	20	B-GRANULOSA CELL TUMOR	M	0	1	1	2	1			
	26	B-LUTEOMA	M	0	0	0	1	0			
	35	B-SERTOLI CELL TUMOR	I	0	1	0	0	0			
			M	0	0	0	1	0			
	36	B-THECOMA	M	0	1	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	2			
	69	M-MESOTHELIOMA	M	0	0	0	0	0			

Table 5. Results of Analysis of Tumor Data – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	ESF	1, 6-8	2, 6-8	1&2, 6-8
Pancreas	38	F-LYMPHOMA	I	0	1	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	89	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (PANCREAS)	I	0	0	0	0	0			
Pituitary Gland	10	B-ADENOMA, PARS DISTALIS	I	0	0	0	0	1			
			M	18	13	19	11	11			
	11	B-ADENOMA, PARS INTERMEDIA	F	5	8	5	4	4			
			M	0	2	0	1	1			
	55	M-CARCINOMA, PARS DISTALIS	F	0	0	0	0	1			
			M	2	0	1	0	0			
Parathyroid	1	B-ADENOMA	M	0	1	0	0	0			
Salivary Gland	45	M-CARCINOMA	M	0	0	0	0	1			
Skin	15	B-FIBROMA	M	0	0	0	0	0			
	25	B-LIPOMA	M	0	0	0	1	0			
	28	B-PAPILLOMA, SQUAMOUS CELL	M	1	0	0	0	0			
	47	M-CARCINOMA, APOCRINE GLAND	F	0	1	0	0	0			
	48	M-CARCINOMA, BASAL CELL	I	1	0	0	0	0			
			M	1	0	0	0	0	0.0031		
			F	2	0	0	0	0			
	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	0	0	0			
	61	M-FIBROSARCOMA	F	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	F	0	0	0	0	0			

Table 5. Results of Analysis of Tumor Data – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
Skeletal Muscle	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	72	M-OSTEOSARCOMA, EXTRASKELETAL	F	1	0	0	0	0			
	75	M-RHABDOMYOSARCOMA	F	0	2	0	0	0			
Spleen	21	B-HEMANGIOMA	M	0	0	0	1	0			
	38	F-LYMPHOMA	I	1	0	0	0	0			
			F	0	0	0	0	1			
	62	M-HEMANGIOSARCOMA	M	0	0	0	1	0			
	90	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (SPLEEN)	I	0	0	0	0	0			
Stomach	16	B-FIBROPAPILLOMA	I	0	1	0	0	0			
			M	0	0	0	0	0			
	38	F-LYMPHOMA	I	1	0	0	0	0			
			F	0	1	0	0	0			
	64	M-LEIOMYOSARCOMA	M	0	0	0	0	1			
Sternum			F	0	0	0	0	0			
	71	M-OSTEOSARCOMA	M	0	0	0	0	0			
Thyroid Gland	5	B-ADENOMA, C-CELL	I	0	2	0	0	1			
			M	4	4	5	5	3			
	7	B-ADENOMA, FOLLICULAR CELL	I	0	0	1	1	0			
			M	1	2	1	2	2			
Thymus	52	M-CARCINOMA, FOLLICULAR CELL	M	0	0	0	0	0			
	38	F-LYMPHOMA	I	1	0	0	0	0			
			M	0	0	1	1	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	1	0			

Table 5. Results of Analysis of Tumor Data – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
Thymus	80	M-THYMOMA	M	0	2	0	1	0			
			F	1	0	0	0	0			
Urinary Bladder	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	0			
	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	1	0	0			
	58	M-CARCINOMA, TRANSITIONAL CELL	F	0	0	0	0	0			
Uterus	31	B-POLYP, ENDOMETRIAL STROMAL	I	0	2	0	1	0			
			M	4	2	5	7	2			
	46	M-CARCINOMA	F	0	0	0	0	1			
			I	0	0	0	0	0			
			M	0	0	2	0	2			
			F	1	0	1	0	2			
	63	M-HISTIOCYTIC SARCOMA	F	0	0	0	1	0			
			I	0	1	0	0	0			
	77	M-SARCOMA, STROMAL	M	1	0	0	2	0			
			F	2	1	1	1	1			
Vagina	21	B-HEMANGIOMA	I	0	0	1	0	0			
	24	B-LEIOMYOMA	M	0	2	0	1	0			
	30	B-POLYP	M	1	0	0	2	1			
			F	0	0	0	0	0			
	57	M-CARCINOMA, SQUAMOUS CELL	M	0	0	0	0	0			
	64	M-LEIOMYOSARCOMA	F	0	0	1	0	0			

Table 5. Results of Analysis of Tumor Data – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
Zymbal's Gland	57	M-CARCINOMA, SQUAMOUS CELL	I	1	0	0	0	0			
			F	0	1	0	0	0			

a. "Mortality independent" is treated as "incidental" in the tumor analysis. In this column, M = Mortality Independent, I = Incidental, F = Fatal.

b. Number of animals per group = 60; however, the number examined per group may vary (e.g., missing tissue) and be less than 60.

c. The significance levels for the trend tests were adjusted using the Bonferroni approach to control the overall error rate to no more than 0.05 for testing the three trend tests simultaneously. If the dose trends were significant at the Bonferroni adjusted $0.05/3 = 0.0167$ level, then the p-values were provided in this column.

d. B = benign.

e. F = infiltrative.

f. M = malignant.

Table 6. Results of Analysis of Tumor Data – Tobacco Blend Males

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CM	CBM	B0.2M	B2M	B5M	1, 3-5	2, 3-5	1&2, 3-5
Adrenal Gland	6	B ^d -ADENOMA, CORTICAL	M	0	0	0	1	0			
	17	B-GANGLIONEUROMA	I	0	1	0	0	0			
			M	0	0	0	1	0			
	29	B-PHEOCHROMOCYTOMA	I	0	0	1	0	0			
			M	3	2	3	0	0			
Bone Marrow	38	F ^e -LYMPHOMA	I	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	1	0			
			F	0	0	0	0	0			
Bone	63	M ^f -HISTIOCYTIC SARCOMA	F	0	0	0	0	0			
	19	B-GRANULAR CELL TUMOR	M	1	0	0	0	0			
	27	B-OSTEOMA	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	71	M-OSTEOSARCOMA	F	0	1	0	0	0			
Brain	19	B-GRANULAR CELL TUMOR	M	1	0	0	1	1			
	38	F-LYMPHOMA	I	0	0	0	0	0			
			M	0	2	0	0	1			
	39	M-ASTROCYTOMA	F	2	0	0	0	0			
Epididymis	69	M-MESOTHELIOMA	I	0	0	0	0	0			
			M	0	0	0	0	3			0.0045
Eye	38	F-LYMPHOMA	I	0	0	0	0	0			
Harderian Gland	1	B-ADENOMA	M	0	0	1	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
Heart	33	B-SCHWANNOMA, ENDOCARDIAL	M	0	0	0	0	0			
Jejunum	41	M-CARCINOMA	M	0	0	1	0	0			
	13	B-ADENOMA, TUBULAR	M	0	0	0	0	0			
Kidney	25	B-LIPOMA	M	0	0	0	0	0			
			F	0	0	0	0	0			
	38	F-LYMPHOMA	F	0	0	0	0	0			

Table 6. Results of Analysis of Tumor Data – Tobacco Blend Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CM	CBM	B0.2M	B2M	B5M	1, 3-5	2, 3-5	1&2, 3-5
Liver	8	B-ADENOMA, HEPATOCELLULAR	M	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	0	0			
LN-Mandibular	38	F-LYMPHOMA	I	0	0	0	0	0			
LN-Mediastinal	38	F-LYMPHOMA	I	0	0	0	0	0			
	66	M-LEIOMYOSARCOMA, METASTATIC (TESTIS)	I	0	0	0	0	0			
			I	0	0	0	0	0			
LN-Mesenteric	21	B-HEMANGIOMA	M	0	0	0	0	0			
			F	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	62	M-HEMANGIOSARCOMA	M	0	1	1	4	0			
			F	0	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	0	0			
LN-Other	38	F-LYMPHOMA	I	0	0	0	0	0			
Lung	4	B-ADENOMA, BRONCHIOLAR-ALVEOLAR	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	49	M-CARCINOMA, BASAL CELL, METASTATIC (SKIN)	I	0	1	0	0	0			
	50	M-CARCINOMA, BRONCHIOLAR-ALVEOLAR	M	0	0	0	0	1			
	53	M-CARCINOMA, METASTATIC (SKIN)	I	0	0	0	0	0			
	69	M-MESOTHELIOMA	M	0	0	0	0	0			
	74	M-OSTEOSARCOMA, METASTATIC (BONE)	I	0	1	0	0	0			

Table 6. Results of Analysis of Tumor Data – Tobacco Blend Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CM	CBM	B0.2M	B2M	B5M	1, 3-5	2, 3-5	1&2, 3-5
Mammary Gland	1	B-ADENOMA	M	0	2	0	0	1			
Mesentery	69	M-MESOTHELIOMA	I	0	0	0	0	0			
Nose/ Turbinates	1	B-ADENOMA	M	0	0	0	0	0			
Oral Mucosa	57	M-CARCINOMA, SQUAMOUS CELL	M	0	0	0	1	0			
			F	0	0	1	0	0			
Penis	67	M-LYMPHOMA, EPITHELIOTROPIC	F	0	0	0	0	0			
			I	0	0	0	1	0			
Pancreas	22	B-ISLET CELL TUMOR	M	1	1	0	0	0			
			F	0	0	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	51	M-CARCINOMA, EXOCRINE	I	0	0	1	0	0			
Pituitary Gland	10	B-ADENOMA, PARS DISTALIS	I	1	0	0	0	0			
			M	9	3	10	6	4			
			F	5	7	6	4	3			
	11	B-ADENOMA, PARS INTERMEDIA	M	2	0	1	0	0			
			F	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	55	M-CARCINOMA, PARS DISTALIS	M	3	0	0	0	1			
			F	0	0	0	0	0			
	56	M-CARCINOMA, PARS INTERMEDIA	M	0	0	0	0	0			
Preputial Gland	43	M-CARCINOMA	M	0	0	0	0	0			
Prostate	1	B-ADENOMA	M	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	44	M-CARCINOMA	F	0	0	0	0	0			

Table 6. Results of Analysis of Tumor Data – Tobacco Blend Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CM	CBM	B0.2M	B2M	B5M	1, 3-5	2, 3-5	1&2, 3-5
Parathyroid	1	B-ADENOMA	M	1	0	0	0	0			
Rectum	24	B-LEIOMYOMA	M	0	0	0	0	0			
Salivary Gland	32	B-SCHWANNOMA	M	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
Spinal Cord	60	M-EPENDYMOMA, ANAPLASTIC	F	0	0	0	1	0			
	2	B-ADENOMA, BASAL CELL	I	0	0	0	0	0			
			M	1	1	0	0	0			
	12	B-ADENOMA, SEBACEOUS GLAND	M	0	1	0	0	0			
	19	B-GRANULAR CELL TUMOR	M	0	0	0	0	0			
	23	B-KERATOACANTHOMA	M	0	0	0	0	0			
Skin	25	B-LIPOMA	M	1	0	0	0	0			
	28	B-PAPILLOMA, SQUAMOUS CELL	M	0	0	0	1	0			
	37	B-TRICHOEPITHELIOMA	M	0	0	0	0	0			
	38	F-LYMPHOMA	F	0	0	0	0	1			
			M	1	0	0	0	0			
	48	M-CARCINOMA, BASAL CELL	F	0	1	0	0	0			
Skin	61	M-FIBROSARCOMA	M	0	0	0	1	0			
	78	M-SCHWANNOMA	M	0	1	0	0	0			
Skeletal Muscle	75	M-RHABDOMYOSARCOMA	M	0	1	0	0	0			
	21	B-HEMANGIOMA	M	0	1	0	0	1			
Spleen			I	0	0	0	0	0			
	38	F-LYMPHOMA	F	0	0	0	1	0			
	62	M-HEMANGIOSARCOMA	M	0	1	0	0	0			

Table 6. Results of Analysis of Tumor Data – Tobacco Blend Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CM	CBM	B0.2M	B2M	B5M	1, 3-5	2, 3-5	1&2, 3-5
Testis	9	B-ADENOMA, INTERSTITIAL CELL	M	1	1	2	3	4			
	64	M-LEIOMYOSARCOMA	F	0	0	0	0	0			
	69	M-MESOTHELIOMA	I	0	0	0	0	0			
			M	0	0	0	1	1			
Thyroid Gland	76	M-SARCOMA	F	0	0	0	0	0			
	5	B-ADENOMA, C-CELL	I	2	1	0	0	0			
			M	9	4	3	4	6			
	7	B-ADENOMA, FOLLICULAR CELL	I	0	0	0	0	0			
Thymus			M	7	7	4	3	3			
	52	M-CARCINOMA, FOLLICULAR CELL	I	0	0	0	1	0			
			M	0	1	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
Tongue			M	0	1	0	0	0			
	80	M-THYMOMA	M	1	0	0	0	1			
Urinary Bladder	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	0	0	0			
Zymbal's Gland			M	0	0	0	1	0			
	58	M-CARCINOMA, TRANSITIONAL CELL	F	0	1	0	0	0			
Zymbal's Gland			M	0	0	0	2	1			
	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	0	0	0			

a. "Mortality independent" is treated as "incidental" in the tumor analysis. In this column, M = Mortality Independent, I = Incidental, F = Fatal.

b. Number of animals per group = 60; however, the number examined per group may vary (e.g., missing tissue) and be less than 60.

c. The significance levels for the trend tests were adjusted using the Bonferroni approach to controlling the overall error rate to no more than 0.05 for testing the three trend tests simultaneously. If the dose trends were significant at the Bonferroni adjusted $0.05/3 = 0.0167$ level, then the p-values were provided in this column.

d. B = benign.

e. F = infiltrative.

f. M = malignant.

Table 7. Results of Analysis of Tumor Data – Tobacco Extract Males

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CM	CBM	E0.2M	E2M	E5M	1, 6-8	2, 6-8	1&2, 6-8
Adrenal Gland	6	B ^d -ADENOMA, CORTICAL	M	0	0	0	0	0			
	17	B-GANGLIONEUROMA	I	0	1	0	0	0			
			M	0	0	0	0	0			
	29	B-PHEOCHROMOCYTOMA	I	0	0	0	0	0			
			M	3	2	1	0	0			
Bone Marrow	38	F ^e -LYMPHOMA	I	0	0	0	0	1			
	38	F-LYMPHOMA	I	0	0	0	0	1			
			F	0	0	0	0	1			
	63	M ^f -HISTIOCYTIC SARCOMA	F	0	0	1	0	0			
Bone	19	B-GRANULAR CELL TUMOR	M	1	0	0	0	0			
	27	B-OSTEOMA	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
	71	M-OSTEOSARCOMA	F	0	1	0	0	0			
	19	B-GRANULAR CELL TUMOR	M	1	0	0	0	0			
Brain	38	F-LYMPHOMA	I	0	0	0	0	1			
			M	0	2	0	0	0			
	39	M-ASTROCYTOMA	F	2	0	0	0	0			
			I	0	0	0	1	0			
Epididymis	69	M-MESOTHELIOMA	M	0	0	0	0	0			
Eye	38	F-LYMPHOMA	I	0	0	0	0	1			
Harderian Gland	1	B-ADENOMA	M	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
Heart	33	B-SCHWANNOMA, ENDOCARDIAL	M	0	0	2	0	0			
Jejunum	41	M-CARCINOMA	M	0	0	0	0	0			
Kidney	13	B-ADENOMA, TUBULAR	M	0	0	1	0	1			
	25	B-LIPOMA	M	0	0	0	0	1			
			F	0	0	0	1	0			
	38	F-LYMPHOMA	F	0	0	0	0	1			

Table 7. Results of Analysis of Tumor Data – Tobacco Extract Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CM	CBM	E0.2M	E2M	E5M	1, 6-8	2, 6-8	1&2, 6-8
Liver	8	B-ADENOMA, HEPATOCELLULAR	M	0	0	0	0	1			
	38	F-LYMPHOMA	I	0	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	1	0	0			
LN-Mandibular	38	F-LYMPHOMA	I	0	0	0	0	1			
LN-Mediastinal	38	F-LYMPHOMA	I	0	0	0	0	1			
	66	M-LEIOMYOSARCOMA, METASTATIC (TESTIS)	I	0	0	0	1	0			
			I	0	0	0	1	0			
LN-Mesenteric	21	B-HEMANGIOMA	M	0	0	1	2	0			
			F	0	0	1	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
	62	M-HEMANGIOSARCOMA	M	0	1	1	0	0			
			F	0	0	1	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	1	0	0			
LN-Other	38	F-LYMPHOMA	I	0	0	0	0	1			
Lung	4	B-ADENOMA, BRONCHIOLAR-ALVEOLAR	M	1	0	1	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
	49	M-CARCINOMA, BASAL CELL, METASTATIC (SKIN)	I	0	1	0	0	0			
	50	M-CARCINOMA, BRONCHIOLAR-ALVEOLAR	M	0	0	0	0	0			
	53	M-CARCINOMA, METASTATIC (SKIN)	I	0	0	0	0	1			
	69	M-MESOTHELIOMA	M	0	0	0	1	0			
	74	M-OSTEOSARCOMA, METASTATIC (BONE)	I	0	1	0	0	0			

Table 7. Results of Analysis of Tumor Data – Tobacco Extract Males (Continued)

									Significant Linear Trend (Tobacco Extract)		
Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					p-value ^c		
				CM	CBM	E0.2M	E2M	E5M	1, 6-8	2, 6-8	1&2, 6-8
Mammary Gland	1	B-ADENOMA	M	0	2	1	2	1			
Mesentery	69	M-MESOTHELIOMA	I	0	0	0	1	0			
Nose/ Turbinates	1	B-ADENOMA	M	0	0	1	0	0			
Oral Mucosa	57	M-CARCINOMA, SQUAMOUS CELL	M	0	0	0	0	0			
			F	0	0	0	0	0			
Penis	67	M-LYMPHOMA, EPITHELIOTROPIC	F	0	0	1	0	0			
Pancreas	22	B-ISLET CELL TUMOR	I	0	0	0	0	0			
			M	1	1	1	2	0			
			F	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
	51	M-CARCINOMA, EXOCRINE	I	0	0	0	0	0			
	Pituitary Gland	10	B-ADENOMA, PARS DISTALIS	I	1	0	0	0	0		
M				9	3	11	5	5			
F				5	7	5	4	6			
11		B-ADENOMA, PARS INTERMEDIA	M	2	0	1	1	1			
			F	0	0	0	1	0			
38		F-LYMPHOMA	I	0	0	0	0	1			
55		M-CARCINOMA, PARS DISTALIS	M	3	0	0	2	0			
			F	0	0	0	0	1			
56		M-CARCINOMA, PARS INTERMEDIA	M	0	0	0	0	1			
Preputial Gland	43	M-CARCINOMA	M	0	0	0	0	1			
Prostate	1	B-ADENOMA	M	0	0	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
	44	M-CARCINOMA	F	0	0	0	1	0			

Table 7. Results of Analysis of Tumor Data – Tobacco Extract Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CM	CBM	E0.2M	E2M	E5M	1, 6-8	2, 6-8	1&2, 6-8
Parathyroid	1	B-ADENOMA	M	1	0	0	0	0			
Rectum	24	B-LEIOMYOMA	M	0	0	0	1	0			
Salivary Gland	32	B-SCHWANNOMA	M	0	0	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
Spinal Cord	60	M-EPENDYMOMA, ANAPLASTIC	F	0	0	0	0	0			
Skin	2	B-ADENOMA, BASAL CELL	I	0	0	1	0	0			
			M	1	1	1	0	0			
	12	B-ADENOMA, SEBACEOUS GLAND	M	0	1	0	0	0			
	19	B-GRANULAR CELL TUMOR	M	0	0	1	0	0			
	23	B-KERATOACANTHOMA	M	0	0	0	1	0			
	25	B-LIPOMA	M	1	0	0	0	0			
	28	B-PAPILLOMA, SQUAMOUS CELL	M	0	0	0	0	0			
	37	B-TRICHOEPITHELIOMA	M	0	0	0	1	0			
	38	F-LYMPHOMA	F	0	0	0	0	0			
	48	M-CARCINOMA, BASAL CELL	M	1	0	0	0	0			
			F	0	1	0	0	1			
	61	M-FIBROSARCOMA	M	0	0	0	0	1			
	78	M-SCHWANNOMA	M	0	1	0	0	0			
Skeletal Muscle	75	M-RHABDOMYOSARCOMA	M	0	1	0	0	0			
Spleen	21	B-HEMANGIOMA	M	0	1	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
			F	0	0	0	0	0			
	62	M-HEMANGIOSARCOMA	M	0	1	0	0	0			

Table 7. Results of Analysis of Tumor Data – Tobacco Extract Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CM	CBM	E0.2M	E2M	E5M	1, 6-8	2, 6-8	1&2, 6-8
Testis	9	B-ADENOMA, INTERSTITIAL CELL	M	1	1	0	2	1			
	64	M-LEIOMYOSARCOMA	F	0	0	0	2	0			
	69	M-MESOTHELIOMA	I	0	0	0	1	0			
			M	0	0	0	0	0			
	76	M-SARCOMA	F	0	0	0	0	1			
Thyroid Gland	5	B-ADENOMA, C-CELL	I	2	1	2	1	1			
			M	9	4	6	5	6			
	7	B-ADENOMA, FOLLICULAR CELL	I	0	0	1	0	0	0.0104	0.0105	0.0078
			M	7	7	3	4	0			
	52	M-CARCINOMA, FOLLICULAR CELL	I	0	0	0	0	0			
Thymus			M	0	1	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	2			
			M	0	1	0	0	1			
	80	M-THYMOMA	M	1	0	0	0	0			
Tongue	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	0	1	0			
Urinary Bladder	58	M-CARCINOMA, TRANSITIONAL CELL	M	0	0	0	0	0			
			F	0	1	0	0	0			
Zymbal's Gland	57	M-CARCINOMA, SQUAMOUS CELL	M	0	0	0	0	0			
			F	0	0	0	1	0			

a. "Mortality independent" is treated as "incidental" in the tumor analysis. In this column, M = Mortality Independent, I = Incidental, F = Fatal.

b. Number of animals per group = 60; however, the number examined per group may vary (e.g., missing tissue) and be less than 60.

c. The significant levels for the trend tests were adjusted using the Bonferroni approach to controlling the overall error rate to no more than 0.05 for testing the three trend tests simultaneously. If the dose trends were significant at the Bonferroni adjusted $0.05/3 = 0.0167$ level, then the p-values were provided in this column.

d. B = benign.

e. F = infiltrative.

f. M = malignant.

APPENDIX A**TUMOR ANALYSIS RESULTS PRIOR TO MULTIPLE TEST CORRECTION**

Table A-1. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Females

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Adrenal Gland	29	B ^d -PHEOCHROMOCYTOMA	I	0	0	1	0	0			
			M	0	0	1	1	0			
			F	0	0	0	0	0			
Bone	38	F ^e -LYMPHOMA	I	0	1	0	0	0			
	71	M ^d -OSTEOSARCOMA	F	0	1	0	0	0			
Brain	19	B-GRANULAR CELL TUMOR	M	0	0	0	0	1			
			F	0	0	0	0	0			
	39	M-ASTROCYTOMA	F	0	0	0	0	1			
	68	M-MEDULLOBLASTOMA	F	0	0	0	0	1			
	70	M-OLIGODENDROGLIOMA	F	1	1	0	0	0			
Cecum	38	F-LYMPHOMA	M	0	0	0	0	0			
Clitoral Gland	40	M-CARCINOMA	M	0	0	0	0	1			
Eye	34	B-SCHWANNOMA, OPTIC NERVE	M	1	0	0	0	0			
Heart	33	B-SCHWANNOMA, ENDOCARDIAL	I	0	1	0	0	0			
			M	0	0	0	1	0			
			F	0	0	0	0	0			
	81	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (HEART)	I	0	0	0	1	0			
Kidney	25	B-LIPOMA	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	1	0	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	82	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (KIDNEY)	I	0	0	0	1	0			

Table A-1. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Liver	3	B-ADENOMA, BILIARY	I	0	1	0	0	0			
			M	0	0	0	0	0			
	8	B-ADENOMA, HEPATOCELLULAR	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	1	1	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	0	0			
	65	M-LEIOMYOSARCOMA, METASTATIC (STOMACH)	M	0	0	0	0	0			
LN-Mediastinal	83	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LIVER)	I	0	0	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	1	0	0	0			
	85	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-MEDIASTINAL)	I	0	0	0	1	0			
LN-Mesenteric	21	B-HEMANGIOMA	I	0	0	0	0	0			
			M	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
			M	0	0	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	1	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	1	0	0	0			
	65	M-LEIOMYOSARCOMA, METASTATIC (STOMACH)	I	0	0	0	1	0			

Table A-1. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
LN-Mesenteric	86	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-MESENTERIC)	I	0	0	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
LN-Other	54	M-CARCINOMA, METASTATIC (UTERUS)	I	1	0	0	0	0			
	62	M-HEMANGIOSARCOMA	M	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	0	0			
	87	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-OTHER)	I	0	0	0	1	0			
	4	B-ADENOMA, BRONCHIOLAR-ALVEOLAR	M	0	0	0	0	0			
Lung	38	F-LYMPHOMA	I	1	1	0	0	0			
			F	0	0	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	1	0	0	0	2			
			M	0	0	1	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	0	0			
	73	M-OSTEOSARCOMA, METASTATIC (SKELETAL MUSCLE)	I	1	0	0	0	0			
	79	M-STROMAL SARCOMA, METASTATIC (UTERUS)	I	0	1	0	0	0			
	84	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LUNG)	I	0	0	0	1	0			
Mammary Gland	1	B-ADENOMA	I	3	2	2	2	1			
			M	5	9	5	6	1			
			F	0	3	2	2	0			
									0.0042	0.0164	

Table A-1. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Mammary Gland	25	B-LIPOMA, INFILTRATIVE	M	0	1	0	0	0			
	38	F-LYMPHOMA	I	1	1	0	0	0			
	42	M-CARCINOMA	I	0	0	0	1	0			
			M	1	0	1	0	2			
			F	0	0	1	0	2			
	59	M-CARCINOSARCOMA	I	0	0	1	0	0			
Mesentery	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	1	0	2			0.0402
	63	M-HISTIOCYTIC SARCOMA	I	0	1	0	0	0			
	69	M-MESOTHELIOMA	M	0	0	0	0	1			
	88	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (MESENTERY)	I	0	0	0	1	0			
Nose/Turbinates	57	M-CARCINOMA, SQUAMOUS CELL	M	1	0	0	0	0			
Oral Mucosa	57	M-CARCINOMA, SQUAMOUS CELL	M	0	1	0	0	0			
			F	1	0	0	1	0			
Ovary	1	B-ADENOMA	I	0	0	0	0	0			
	14	B-DYSGERMINOMA	I	0	0	0	0	0			
	18	B-GONADAL STROMAL TUMOR, UNDIFFERENTIATED	I	0	0	0	0	0			
			M	0	0	0	0	0			
	20	B-GRANULOSA CELL TUMOR	M	0	1	1	0	1			
	26	B-LUTEOMA	M	0	0	0	0	0			
	35	B-SERTOLI CELL TUMOR	I	0	1	0	0	0			
			M	0	0	0	0	0			

Table A-1. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Ovary	36	B-THECOMA	M	0	1	0	0	1			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	0			
	69	M-MESOTHELIOMA	M	0	0	0	0	1			
Pancreas	38	F-LYMPHOMA	I	0	1	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	2	0	1			
	89	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (PANCREAS)	I	0	0	0	1	0			
			I	0	0	0	0	1			
Pituitary Gland	10	B-ADENOMA, PARS DISTALIS	M	18	13	13	12	14			
			F	5	8	7	5	2			
			M	0	2	1	0	0			
	11	B-ADENOMA, PARS INTERMEDIA	F	0	0	0	0	0			
			M	2	0	1	3	0			
			F	0	0	0	1	0			
Parathyroid	55	M-CARCINOMA, PARS DISTALIS	M	2	0	1	3	0			
			F	0	0	0	1	0			
Salivary Gland	1	B-ADENOMA	M	0	1	0	0	0			
Skin	45	M-CARCINOMA	M	0	0	0	0	0			
	15	B-FIBROMA	M	0	0	0	1	0			
	25	B-LIPOMA	M	0	0	0	0	0			
	28	B-PAPILLOMA, SQUAMOUS CELL	M	1	0	1	0	0			
	47	M-CARCINOMA, APOCRINE GLAND	F	0	1	0	0	0			
			I	1	0	0	0	0			
	48	M-CARCINOMA, BASAL CELL	M	1	0	0	0	1			
			F	2	0	0	0	0			

Table A-1. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Skin	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	1	0	0			
	61	M-FIBROSARCOMA	F	0	0	0	1	0			
	63	M-HISTIOCYTIC SARCOMA	F	0	0	1	0	0			
Skeletal Muscle	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	72	M-OSTEOSARCOMA, EXTRASKELETAL	F	1	0	0	0	0			
	75	M-RHABDOMYOSARCOMA	F	0	2	0	0	0			
Spleen	21	B-HEMANGIOMA	M	0	0	0	0	0			
	38	F-LYMPHOMA	I	1	0	0	0	0			
			F	0	0	0	0	0			
	62	M-HEMANGIOSARCOMA	M	0	0	0	0	0			
	90	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (SPLEEN)	I	0	0	0	1	0			
Stomach	16	B-FIBROPAPILLOMA	I	0	1	0	0	0			
			M	0	0	0	0	1			
	38	F-LYMPHOMA	I	1	0	0	0	0			
			F	0	1	0	0	0			
	64	M-LEIOMYOSARCOMA	M	0	0	0	0	0			
Sternum	71	M-OSTEOSARCOMA	F	0	0	0	1	0			
			M	0	0	0	0	0			
Thyroid Gland	5	B-ADENOMA, C-CELL	I	0	2	1	1	1			
			M	4	4	5	5	4			
	7	B-ADENOMA, FOLLICULAR CELL	I	0	0	1	0	1			
			M	1	2	1	1	1			
	52	M-CARCINOMA, FOLLICULAR CELL	M	0	0	1	0	0			

Table A-1. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Thymus	38	F-LYMPHOMA	I	1	0	0	0	0			
			M	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	0	0			
			M	0	2	1	0	0			
Urinary Bladder	80	M-THYMOMA	F	1	0	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			0.0486
	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	0	0	0			
	58	M-CARCINOMA, TRANSITIONAL CELL	F	0	0	0	1	0			
Uterus	31	B-POLYP, ENDOMETRIAL STROMAL	I	0	2	0	2	0			
			M	4	2	4	3	4			
			F	0	0	0	0	1			
	46	M-CARCINOMA	I	0	0	0	1	0			
			M	0	0	2	1	4		0.0254	0.0117
			F	1	0	3	1	3			
	63	M-HISTIOCYTIC SARCOMA	F	0	0	0	0	0			
	77	M-SARCOMA, STROMAL	I	0	1	0	0	0			
			M	1	0	0	0	0			
			F	2	1	0	1	0			
Vagina	21	B-HEMANGIOMA	I	0	0	0	0	0			
	24	B-LEIOMYOMA	M	0	2	0	0	0		0.0497	
	30	B-POLYP	M	1	0	0	0	0			
			F	0	0	0	2	1			
	57	M-CARCINOMA, SQUAMOUS CELL	M	0	0	0	0	1			
	64	M-LEIOMYOSARCOMA	F	0	0	0	0	0			

Table A-1. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CF	CBF	B0.2F	B2F	B5F	1, 3-5	2, 3-5	1&2, 3-5
Zymbal's Gland	57	M-CARCINOMA, SQUAMOUS CELL	I	1	0	0	0	0			
			F	0	1	0	0	0			

a. "Mortality independent" is treated as "incidental" in the tumor analysis. In this column, M = Mortality Independent, I = Incidental, F = Fatal.

b. Number of animals per group = 60; however, the number examined per group may vary (e.g., missing tissue) and be less than 60.

c. If the p-values for the dose trends were less than or equal to 0.05, then the p-values were provided in this column.

d. B = benign.

e. F = infiltrative.

f. M = malignant.

Table A-2. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Extract Females

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
Adrenal Bland	29	B ^d -PHEOCHROMOCYTOMA	I	0	0	1	0	0			
			M	0	0	0	0	0			
			F	0	0	0	1	0			
	38	F ^e -LYMPHOMA	I	0	1	0	0	0			
Bone	71	M ^f -OSTEOSARCOMA	F	0	1	0	0	0			
			M	0	0	0	0	0			
Brain	19	B-GRANULAR CELL TUMOR	F	0	0	0	1	0			
	39	M-ASTROCYTOMA	F	0	0	0	0	0			
	68	M-MEDULLOBLASTOMA	F	0	0	0	0	0			
	70	M-OLIGODENDROGLIOMA	F	1	1	0	0	0			
Cecum	38	F-LYMPHOMA	M	0	0	0	1	0			
Clitoral Gland	40	M-CARCINOMA	M	0	0	0	0	0			
Eye	34	B-SCHWANNOMA, OPTIC NERVE	M	1	0	0	0	0			
Heart	33	B-SCHWANNOMA, ENDOCARDIAL	I	0	1	0	0	0			
			M	0	0	2	0	0			
			F	0	0	0	1	0			
	81	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (HEART)	I	0	0	0	0	0			
Kidney	25	B-LIPOMA	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	1	0	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	0			
	82	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (KIDNEY)	I	0	0	0	0	0			
Liver	3	B-ADENOMA, BILIARY	I	0	1	0	0	0			
			M	0	0	0	1	0			

Table A-2. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
Liver	8	B-ADENOMA, HEPATOCELLULAR	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	1	1	0	0	1			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	1	0			
	65	M-LEIOMYOSARCOMA, METASTATIC (STOMACH)	M	0	0	0	0	1			
	83	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LIVER)	I	0	0	0	0	0			
LN-Mediastinal	38	F-LYMPHOMA	I	0	0	0	0	1			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	1	0	0	0			
	85	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-MEDIASTINAL)	I	0	0	0	0	0			
LN-Mesenteric	21	B-HEMANGIOMA	I	0	0	1	0	0			
			M	0	0	1	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
			M	0	0	0	1	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	1	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	1	0	0	0			
	65	M-LEIOMYOSARCOMA, METASTATIC (STOMACH)	I	0	0	0	0	0			
	86	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-MESENTERIC)	I	0	0	0	0	0			

Table A-2. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
LN-Other	38	F-LYMPHOMA	I	0	0	0	0	1			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	1	0	0	0	1			
	62	M-HEMANGIOSARCOMA	M	0	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	1	0			
	87	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-OTHER)	I	0	0	0	0	0			
Lung	4	B-ADENOMA, BRONCHIOLAR-ALVEOLAR	M	0	0	0	1	0			
	38	F-LYMPHOMA	I	1	1	0	0	1			
			F	0	0	0	1	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	1	0	0	0	1			
			M	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	1	0			
	73	M-OSTEOSARCOMA, METASTATIC (SKELETAL MUSCLE)	I	1	0	0	0	0			
	79	M-STROMAL SARCOMA, METASTATIC (UTERUS)	I	0	1	0	0	0			
Mammary Gland	84	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LUNG)	I	0	0	0	0	0			
			I	3	2	3	2	0			
	1	B-ADENOMA	M	5	9	10	5	7		0.0491	
			F	0	3	1	1	1			
	25	B-LIPOMA, INFILTRATIVE	M	0	1	0	0	0			
	38	F-LYMPHOMA	I	1	1	0	0	0			

Table A-2. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
Mammary Gland	42	M-CARCINOMA	I	0	0	0	0	2			
			M	1	0	1	0	1			
			F	0	0	0	1	0			
	59	M-CARCINOSARCOMA	I	0	0	0	0	0			
Mesentery	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	1	0	0	0			
	69	M-MESOTHELIOMA	M	0	0	0	0	0			
	88	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (MESENTERY)	I	0	0	0	0	0			
Nose/Turbinates	57	M-CARCINOMA, SQUAMOUS CELL	M	1	0	0	0	0			
Oral Mucosa	57	M-CARCINOMA, SQUAMOUS CELL	M	0	1	0	0	0			
			F	1	0	0	0	0			
Ovary	1	B-ADENOMA	I	0	0	1	0	0			
	14	B-DYSGERMINOMA	I	0	0	0	0	1			
	18	B-GONADAL STROMAL TUMOR, UNDIFFERENTIATED	I	0	0	0	1	0			
			M	0	0	0	1	0			
	20	B-GRANULOSA CELL TUMOR	M	0	1	1	2	1			
	26	B-LUTEOMA	M	0	0	0	1	0			
	35	B-SERTOLI CELL TUMOR	I	0	1	0	0	0			
			M	0	0	0	1	0			
	36	B-THECOMA	M	0	1	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	2			0.0430
	69	M-MESOTHELIOMA	M	0	0	0	0	0			

Table A-2. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
Pancreas	38	F-LYMPHOMA	I	0	1	0	0	0			
	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	89	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (PANCREAS)	I	0	0	0	0	0			
Pituitary Gland	10	B-ADENOMA, PARS DISTALIS	I	0	0	0	0	1			
			M	18	13	19	11	11			
	11	B-ADENOMA, PARS INTERMEDIA	F	5	8	5	4	4			
			M	0	2	0	1	1			
	55	M-CARCINOMA, PARS DISTALIS	F	0	0	0	0	1			
			M	2	0	1	0	0			0.0396
Parathyroid	1	B-ADENOMA	M	0	1	0	0	0			
Salivary Gland	45	M-CARCINOMA	M	0	0	0	0	1			
Skin	15	B-FIBROMA	M	0	0	0	0	0			
	25	B-LIPOMA	M	0	0	0	1	0			
	28	B-PAPILLOMA, SQUAMOUS CELL	M	1	0	0	0	0			
	47	M-CARCINOMA, APOCRINE GLAND	F	0	1	0	0	0			
	48	M-CARCINOMA, BASAL CELL	I	1	0	0	0	0			
			M	1	0	0	0	0			
			F	2	0	0	0	0			0.0031
	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	0	0	0			
	61	M-FIBROSARCOMA	F	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	F	0	0	0	0	0			

Table A-2. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
Skeletal Muscle	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	1			
	72	M-OSTEOSARCOMA, EXTRASKELETAL	F	1	0	0	0	0			
	75	M-RHABDOMYOSARCOMA	F	0	2	0	0	0			
Spleen	21	B-HEMANGIOMA	M	0	0	0	1	0			
	38	F-LYMPHOMA	I	1	0	0	0	0			
			F	0	0	0	0	1			
	62	M-HEMANGIOSARCOMA	M	0	0	0	1	0			
	90	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (SPLEEN)	I	0	0	0	0	0			
Stomach	16	B-FIBROPAPILLOMA	I	0	1	0	0	0			
			M	0	0	0	0	0			
	38	F-LYMPHOMA	I	1	0	0	0	0			
			F	0	1	0	0	0			
	64	M-LEIOMYOSARCOMA	M	0	0	0	0	1			
			F	0	0	0	0	0			
Sternum	71	M-OSTEOSARCOMA	M	0	0	0	0	0			
Thyroid Gland	5	B-ADENOMA, C-CELL	I	0	2	0	0	1			
			M	4	4	5	5	3			
	7	B-ADENOMA, FOLLICULAR CELL	I	0	0	1	1	0			
			M	1	2	1	2	2			
	52	M-CARCINOMA, FOLLICULAR CELL	M	0	0	0	0	0			
Thymus	38	F-LYMPHOMA	I	1	0	0	0	0			
			M	0	0	1	1	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	1	0			

Table A-2. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Extract Females (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CF	CBF	E0.2F	E2F	E5F	1, 6-8	2, 6-8	1&2, 6-8
Thymus	80	M-THYMOMA	M	0	2	0	1	0			
			F	1	0	0	0	0			
Urinary Bladder	54	M-CARCINOMA, METASTATIC (UTERUS)	I	0	0	0	0	0			
	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	1	0	0			
	58	M-CARCINOMA, TRANSITIONAL CELL	F	0	0	0	0	0			
Uterus	31	B-POLYP, ENDOMETRIAL STROMAL	I	0	2	0	1	0			
			M	4	2	5	7	2			
	46	M-CARCINOMA	F	0	0	0	0	1			
			M	0	0	2	0	2			
	63	M-HISTIOCYTIC SARCOMA	F	0	0	0	1	0			
			I	0	1	0	0	0			
	77	M-SARCOMA, STROMAL	M	1	0	0	2	0			
			F	2	1	1	1	1			
	21	B-HEMANGIOMA	I	0	0	1	0	0			
	24	B-LEIOMYOMA	M	0	2	0	1	0			
Vagina	30	B-POLYP	M	1	0	0	2	1			
			F	0	0	0	0	0			
	57	M-CARCINOMA, SQUAMOUS CELL	M	0	0	0	0	0			
	64	M-LEIOMYOSARCOMA	F	0	0	1	0	0			
Zymbal's Gland	57	M-CARCINOMA, SQUAMOUS CELL	I	1	0	0	0	0			
			F	0	1	0	0	0			

a. "Mortality independent" is treated as "incidental" in the tumor analysis. In this column, M = Mortality Independent, I = Incidental, F = Fatal.

b. Number of animals per group = 60; however, the number examined per group may vary (e.g., missing tissue) and be less than 60.

c. If the p-values for the dose trends were less than or equal to 0.05, then the p-values were provided in this column.

d. B = benign.

e. F = infiltrative.

f. M = malignant.

Table A-3. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Males

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CM	CBM	B0.2M	B2M	B5M	1, 3-5	2, 3-5	1&2, 3-5
Adrenal Gland	6	B ^d -ADENOMA, CORTICAL	M	0	0	0	1	0	0.0291	0.0280	
	17	B-GANGLIONEUROMA	I	0	1	0	0	0			
			M	0	0	0	1	0			
	29	B-PHEOCHROMOCYTOMA	I	0	0	1	0	0			
			M	3	2	3	0	0			
Bone Marrow	38	F ^e -LYMPHOMA	I	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	1	0			
			F	0	0	0	0	0			
Bone	63	M ^f -HISTIOCYTIC SARCOMA	F	0	0	0	0	0			
	19	B-GRANULAR CELL TUMOR	M	1	0	0	0	0			
	27	B-OSTEOMA	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	71	M-OSTEOSARCOMA	F	0	1	0	0	0			
Brain	19	B-GRANULAR CELL TUMOR	M	1	0	0	1	1			
	38	F-LYMPHOMA	I	0	0	0	0	0			
			M	0	2	0	0	1			
	39	M-ASTROCYTOMA	F	2	0	0	0	0			
Epididymis	69	M-MESOTHELIOMA	I	0	0	0	0	0	0.0236	0.0253	0.0045
			M	0	0	0	0	3			
Eye	38	F-LYMPHOMA	I	0	0	0	0	0			
Harderian Gland	1	B-ADENOMA	M	0	0	1	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
Heart	33	B-SCHWANNOMA, ENDOCARDIAL	M	0	0	0	0	0			
Jejunum	41	M-CARCINOMA	M	0	0	1	0	0			
	13	B-ADENOMA, TUBULAR	M	0	0	0	0	0			
Kidney	25	B-LIPOMA	M	0	0	0	0	0			
			F	0	0	0	0	0			
	38	F-LYMPHOMA	F	0	0	0	0	0			

Table A-3. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CM	CBM	B0.2M	B2M	B5M	1, 3-5	2, 3-5	1&2, 3-5
Liver	8	B-ADENOMA, HEPATOCELLULAR	M	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	0	0			
LN-Mandibular	38	F-LYMPHOMA	I	0	0	0	0	0			
LN-Mediastinal	38	F-LYMPHOMA	I	0	0	0	0	0			
	66	M-LEIOMYOSARCOMA, METASTATIC (TESTIS)	I	0	0	0	0	0			
			I	0	0	0	0	0			
LN-Mesenteric	21	B-HEMANGIOMA	M	0	0	0	0	0			
			F	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	62	M-HEMANGIOSARCOMA	M	0	1	1	4	0			
			F	0	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	0	0	0			
LN-Other	38	F-LYMPHOMA	I	0	0	0	0	0			
Lung	4	B-ADENOMA, BRONCHIOLAR-ALVEOLAR	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	49	M-CARCINOMA, BASAL CELL, METASTATIC (SKIN)	I	0	1	0	0	0			
	50	M-CARCINOMA, BRONCHIOLAR-ALVEOLAR	M	0	0	0	0	1			
	53	M-CARCINOMA, METASTATIC (SKIN)	I	0	0	0	0	0			
	69	M-MESOTHELIOMA	M	0	0	0	0	0			
	74	M-OSTEOSARCOMA, METASTATIC (BONE)	I	0	1	0	0	0			

Table A-3. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CM	CBM	B0.2M	B2M	B5M	1, 3-5	2, 3-5	1&2, 3-5
Mammary Gland	1	B-ADENOMA	M	0	2	0	0	1			
Mesentery	69	M-MESOTHELIOMA	I	0	0	0	0	0			
Nose/Turbinates	1	B-ADENOMA	M	0	0	0	0	0			
Oral Mucosa	57	M-CARCINOMA, SQUAMOUS CELL	M	0	0	0	1	0			
			F	0	0	1	0	0			
Penis	67	M-LYMPHOMA, EPITHELIOTROPIC	F	0	0	0	0	0			
Pancreas	22	B-ISLET CELL TUMOR	I	0	0	0	1	0			
			M	1	1	0	0	0			
			F	0	0	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	51	M-CARCINOMA, EXOCRINE	I	0	0	1	0	0			
Pituitary Gland	10	B-ADENOMA, PARS DISTALIS	I	1	0	0	0	0	0.0334		
			M	9	3	10	6	4			
			F	5	7	6	4	3			
	11	B-ADENOMA, PARS INTERMEDIA	M	2	0	1	0	0			
			F	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	55	M-CARCINOMA, PARS DISTALIS	M	3	0	0	0	1			
			F	0	0	0	0	0			
	56	M-CARCINOMA, PARS INTERMEDIA	M	0	0	0	0	0			
Preputial Gland	43	M-CARCINOMA	M	0	0	0	0	0			
Prostate	1	B-ADENOMA	M	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
	44	M-CARCINOMA	F	0	0	0	0	0			

Table A-3. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CM	CBM	B0.2M	B2M	B5M	1, 3-5	2, 3-5	1&2, 3-5
Parathyroid	1	B-ADENOMA	M	1	0	0	0	0			
Rectum	24	B-LEIOMYOMA	M	0	0	0	0	0			
Salivary Gland	32	B-SCHWANNOMA	M	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
Spinal Cord	60	M-EPENDYMOMA, ANAPLASTIC	F	0	0	0	1	0			
	2	B-ADENOMA, BASAL CELL	I	0	0	0	0	0			
			M	1	1	0	0	0			
	12	B-ADENOMA, SEBACEOUS GLAND	M	0	1	0	0	0			
	19	B-GRANULAR CELL TUMOR	M	0	0	0	0	0			
	23	B-KERATOACANTHOMA	M	0	0	0	0	0			
Skin	25	B-LIPOMA	M	1	0	0	0	0			
	28	B-PAPILLOMA, SQUAMOUS CELL	M	0	0	0	1	0			
	37	B-TRICHOEPITHELIOMA	M	0	0	0	0	0			
	38	F-LYMPHOMA	F	0	0	0	0	1			
			M	1	0	0	0	0			
	48	M-CARCINOMA, BASAL CELL	F	0	1	0	0	0			
Skin	61	M-FIBROSARCOMA	M	0	0	0	1	0			
	78	M-SCHWANNOMA	M	0	1	0	0	0			
Skeletal Muscle	75	M-RHABDOMYOSARCOMA	M	0	1	0	0	0			
	21	B-HEMANGIOMA	M	0	1	0	0	1			
Spleen	38	F-LYMPHOMA	I	0	0	0	0	0			
			F	0	0	0	1	0			
	62	M-HEMANGIOSARCOMA	M	0	1	0	0	0			

Table A-3. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Blend Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Blend) p-value ^c		
				CM	CBM	B0.2M	B2M	B5M	1, 3-5	2, 3-5	1&2, 3-5
Testis	9	B-ADENOMA, INTERSTITIAL CELL	M	1	1	2	3	4			
	64	M-LEIOMYOSARCOMA	F	0	0	0	0	0			
	69	M-MESOTHELIOMA	I	0	0	0	0	0			
			M	0	0	0	1	1			
	76	M-SARCOMA	F	0	0	0	0	0			
Thyroid Gland	5	B-ADENOMA, C-CELL	I	2	1	0	0	0			
			M	9	4	3	4	6			
	7	B-ADENOMA, FOLLICULAR CELL	I	0	0	0	0	0			
			M	7	7	4	3	3			
	52	M-CARCINOMA, FOLLICULAR CELL	I	0	0	0	1	0			
Thymus			M	0	1	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	0			
			M	0	1	0	0	0			
	80	M-THYMOMA	M	1	0	0	0	1			
Tongue	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	0	0	0			
Urinary Bladder	58	M-CARCINOMA, TRANSITIONAL CELL	M	0	0	0	1	0			
			F	0	1	0	0	0			
Zymbal's Gland	57	M-CARCINOMA, SQUAMOUS CELL	M	0	0	0	2	1			
			F	0	0	0	0	0			

a. "Mortality independent" is treated as "incidental" in the tumor analysis. In this column, M = Mortality Independent, I = Incidental, F = Fatal.

b. Number of animals per group = 60; however, the number examined per group may vary (e.g., missing tissue) and be less than 60.

c. If the p-values for the dose trends were less than or equal to 0.05, then the p-values were provided in this column.

d. B = benign.

e. F = infiltrative.

f. M = malignant.

Table A-4. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Extract Males

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CM	CBM	E0.2M	E2M	E5M	1, 6-8	2, 6-8	1&2, 6-8
Adrenal Gland	6	B ^d -ADENOMA, CORTICAL	M	0	0	0	0	0	0.0272	0.0487	
	17	B-GANGLIONEUROMA	I	0	1	0	0	0			
			M	0	0	0	0	0			
	29	B-PHEOCHROMOCYTOMA	I	0	0	0	0	0			
			M	3	2	1	0	0			
Bone Marrow	38	F ^e -LYMPHOMA	I	0	0	0	0	1		0.0364	
	38	F-LYMPHOMA	I	0	0	0	0	1			
			F	0	0	0	0	1			
	63	M ^f -HISTIOCYTIC SARCOMA	F	0	0	1	0	0			
Bone	19	B-GRANULAR CELL TUMOR	M	1	0	0	0	0			
	27	B-OSTEOMA	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
	71	M-OSTEOSARCOMA	F	0	1	0	0	0			
Brain	19	B-GRANULAR CELL TUMOR	M	1	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
			M	0	2	0	0	0			
	39	M-ASTROCYTOMA	F	2	0	0	0	0			
Epididymis	69	M-MESOTHELIOMA	I	0	0	0	1	0			
			M	0	0	0	0	0			
Eye	38	F-LYMPHOMA	I	0	0	0	0	1			
Harderian Gland	1	B-ADENOMA	M	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
Heart	33	B-SCHWANNOMA, ENDOCARDIAL	M	0	0	2	0	0			
Jejunum	41	M-CARCINOMA	M	0	0	0	0	0			
Kidney	13	B-ADENOMA, TUBULAR	M	0	0	1	0	1			
	25	B-LIPOMA	M	0	0	0	0	1			
			F	0	0	0	1	0			
	38	F-LYMPHOMA	F	0	0	0	0	1			

Table A-4. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Extract Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CM	CBM	E0.2M	E2M	E5M	1, 6-8	2, 6-8	1&2, 6-8
Liver	8	B-ADENOMA, HEPATOCELLULAR	M	0	0	0	0	1			
	38	F-LYMPHOMA	I	0	0	0	0	1			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	1	0	0			
LN-Mandibular	38	F-LYMPHOMA	I	0	0	0	0	1			
LN-Mediastinal	38	F-LYMPHOMA	I	0	0	0	0	1			
	66	M-LEIOMYOSARCOMA, METASTATIC (TESTIS)	I	0	0	0	1	0			
			I	0	0	0	1	0			
LN-Mesenteric	21	B-HEMANGIOMA	M	0	0	1	2	0			
			F	0	0	1	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
LN-Mesenteric	62	M-HEMANGIOSARCOMA	M	0	1	1	0	0			
			F	0	0	1	0	0			
	63	M-HISTIOCYTIC SARCOMA	I	0	0	1	0	0			
LN-Other	38	F-LYMPHOMA	I	0	0	0	0	1			
Lung	4	B-ADENOMA, BRONCHIOLAR-ALVEOLAR	M	1	0	1	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
	49	M-CARCINOMA, BASAL CELL, METASTATIC (SKIN)	I	0	1	0	0	0			
	50	M-CARCINOMA, BRONCHIOLAR-ALVEOLAR	M	0	0	0	0	0			
	53	M-CARCINOMA, METASTATIC (SKIN)	I	0	0	0	0	1			
	69	M-MESOTHELIOMA	M	0	0	0	1	0			
	74	M-OSTEOSARCOMA, METASTATIC (BONE)	I	0	1	0	0	0			

Table A-4. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Extract Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CM	CBM	E0.2M	E2M	E5M	1, 6-8	2, 6-8	1&2, 6-8
Mammary Gland	1	B-ADENOMA	M	0	2	1	2	1			
Mesentery	69	M-MESOTHELIOMA	I	0	0	0	1	0			
Nose/ Turbinates	1	B-ADENOMA	M	0	0	1	0	0			
Oral Mucosa	57	M-CARCINOMA, SQUAMOUS CELL	M	0	0	0	0	0			
			F	0	0	0	0	0			
Penis	67	M-LYMPHOMA, EPITHELIOTROPIC	F	0	0	1	0	0			
Pancreas	22	B-ISLET CELL TUMOR	I	0	0	0	0	0			
			M	1	1	1	2	0			
			F	0	0	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
	51	M-CARCINOMA, EXOCRINE	I	0	0	0	0	0			
	Pituitary Gland	10	B-ADENOMA, PARS DISTALIS	I	1	0	0	0	0		
M				9	3	11	5	5			
F				5	7	5	4	6			
11		B-ADENOMA, PARS INTERMEDIA	M	2	0	1	1	1			
			F	0	0	0	1	0			
38		F-LYMPHOMA	I	0	0	0	0	1			
55		M-CARCINOMA, PARS DISTALIS	M	3	0	0	2	0			
			F	0	0	0	0	1			
56		M-CARCINOMA, PARS INTERMEDIA	M	0	0	0	0	1			
Preputial Gland	43	M-CARCINOMA	M	0	0	0	0	1			
Prostate	1	B-ADENOMA	M	0	0	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
	44	M-CARCINOMA	F	0	0	0	1	0			

Table A-4. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Extract Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CM	CBM	E0.2M	E2M	E5M	1, 6-8	2, 6-8	1&2, 6-8
Parathyroid	1	B-ADENOMA	M	1	0	0	0	0			
Rectum	24	B-LEIOMYOMA	M	0	0	0	1	0			
Salivary Gland	32	B-SCHWANNOMA	M	0	0	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
Spinal Cord	60	M-EPENDYMOMA, ANAPLASTIC	F	0	0	0	0	0			
Skin	2	B-ADENOMA, BASAL CELL	I	0	0	1	0	0			
			M	1	1	1	0	0			
	12	B-ADENOMA, SEBACEOUS GLAND	M	0	1	0	0	0			
	19	B-GRANULAR CELL TUMOR	M	0	0	1	0	0			
	23	B-KERATOACANTHOMA	M	0	0	0	1	0			
	25	B-LIPOMA	M	1	0	0	0	0			
	28	B-PAPILLOMA, SQUAMOUS CELL	M	0	0	0	0	0			
	37	B-TRICHOEPITHELIOMA	M	0	0	0	1	0			
	38	F-LYMPHOMA	F	0	0	0	0	0			
	48	M-CARCINOMA, BASAL CELL	M	1	0	0	0	0			
			F	0	1	0	0	1			
	61	M-FIBROSARCOMA	M	0	0	0	0	1			
	78	M-SCHWANNOMA	M	0	1	0	0	0			
Skeletal Muscle	75	M-RHABDOMYOSARCOMA	M	0	1	0	0	0			
Spleen	21	B-HEMANGIOMA	M	0	1	0	0	0			
	38	F-LYMPHOMA	I	0	0	0	0	1			
			F	0	0	0	0	0			
	62	M-HEMANGIOSARCOMA	M	0	1	0	0	0			

Table A-4. Results of Analysis of Tumor Data Prior to Multiple Test Correction ($p \leq 0.05$) – Tobacco Extract Males (Continued)

Tissue	Tumor Codes	Diagnosis	Tumor Type ^a	Number of Tumors Observed ^b					Significant Linear Trend (Tobacco Extract) p-value ^c		
				CM	CBM	E0.2M	E2M	E5M	1, 6-8	2, 6-8	1&2, 6-8
Testis	9	B-ADENOMA, INTERSTITIAL CELL	M	1	1	0	2	1			
	64	M-LEIOMYOSARCOMA	F	0	0	0	2	0			
	69	M-MESOTHELIOMA	I	0	0	0	1	0			
			M	0	0	0	0	0			
	76	M-SARCOMA	F	0	0	0	0	1			
Thyroid Gland	5	B-ADENOMA, C-CELL	I	2	1	2	1	1			
			M	9	4	6	5	6			
	7	B-ADENOMA, FOLLICULAR CELL	I	0	0	1	0	0	0.0104	0.0105	0.0078
			M	7	7	3	4	0			
	52	M-CARCINOMA, FOLLICULAR CELL	I	0	0	0	0	0			
Thymus			M	0	1	0	1	0			
	38	F-LYMPHOMA	I	0	0	0	0	2	0.0397		
			M	0	1	0	0	1			
	80	M-THYMOMA	M	1	0	0	0	0			
Tongue	57	M-CARCINOMA, SQUAMOUS CELL	F	0	0	0	1	0			
Urinary Bladder	58	M-CARCINOMA, TRANSITIONAL CELL	M	0	0	0	0	0			
			F	0	1	0	0	0			
Zymbal's Gland	57	M-CARCINOMA, SQUAMOUS CELL	M	0	0	0	0	0			
			F	0	0	0	1	0			

a. "Mortality independent" is treated as "incidental" in the tumor analysis. In this column, M = Mortality Independent, I = Incidental, F = Fatal.

b. Number of animals per group = 60; however, the number examined per group may vary (e.g., missing tissue) and be less than 60.

c. If the p-values for the dose trends were less than or equal to 0.05, then the p-values were provided in this column.

d. B = benign.

e. F = infiltrative.

f. M = malignant.

APPENDIX B
P-VALUES FOR ALL DOSE TREND TESTS

Table B-1. List of all p-Values for the Tumor Dose Trend Tests - Females

Sex	Tissue Code ^a	Diagnosis Code ^b	P-Value Trend ^c 1,3,4,5	P-Value Trend ^c 2,3,4,5	P-Value Trend ^c 1&2,3,4,5	P-Value Trend ^c 1,6,7,8	P-Value Trend ^c 2,6,7,8	P-Value Trend ^c 1&2,6,7,8
F	AD	29	0.734893	0.8199589	0.7328129	0.7755358	0.9790502	0.891193
F	AD	38		0.2784259	0.4272825		0.3990752	0.545036
F	BO	71		0.1701494	0.3929301		0.1622037	0.383501
F	BR	19	0.1820395	0.190995	0.0948785	0.6676367	0.6852366	0.594763
F	BR	39	0.1825479	0.183684	0.0912368			
F	BR	68	0.1798386	0.1844868	0.0913174			
F	BR	70	0.1794253	0.1768532	0.2305062	0.164873	0.1645589	0.214192
F	CE	38				0.6533533	0.6810157	0.585324
F	CL	40	0.1820395	0.190995	0.0948785			
F	EYE	34	0.1868363		0.3910727	0.1778754		0.382262
F	HT	33	0.6529491	0.6189052	0.8890447	0.7931636	0.3492946	0.422467
F	HT	81	0.6622187	0.4688902	0.461602			
F	K	25	0.1868363		0.3910727	0.1778754		0.382262
F	K	38	0.159011		0.4272825	0.2482131		0.545036
F	K	54	0.2764567	0.2002189	0.1219501			
F	K	82	0.6622187	0.4688902	0.461602			
F	LI	3		0.25147	0.418559	0.6533533	0.5139918	0.746068
F	LI	8	0.1868363		0.3910727	0.1778754		0.382262
F	LI	38	0.159011	0.2784259	0.2479995	0.9371396	0.6085902	0.527499
F	LI	54				0.2901893	0.2172382	0.158094
F	LI	63				0.2482131	0.1400165	0.059181
F	LI	65				0.1778754	0.186041	0.092741
F	LI	83	0.6622187	0.4688902	0.461602			
F	LNMED	38				0.2901893	0.2172382	0.158094
F	LNMED	54	0.2764567	0.2002189	0.1219501			
F	LNMED	63		0.25147	0.418559		0.208524	0.345526
F	LNMED	85	0.6622187	0.4688902	0.461602			
F	LNMES	21				0.3620389	0.5139918	0.367589
F	LNMES	38				0.2929301	0.234484	0.159225
F	LNMES	54	0.0969069		0.418559	0.5885857	0.2172382	0.737142
F	LNMES	63		0.25147	0.418559		0.208524	0.345526
F	LNMES	65	0.6622187	0.4688902	0.461602			
F	LNMES	86	0.6622187	0.4688902	0.461602			
F	LNO	38				0.2901893	0.2172382	0.158094
F	LNO	54	0.0969069		0.418559	0.5885857	0.2172382	0.737142
F	LNO	62				0.1778754	0.186041	0.092741
F	LNO	63				0.2482131	0.1400165	0.059181
F	LNO	87	0.6622187	0.4688902	0.461602			
F	LU	4				0.6533533	0.6810157	0.585324
F	LU	38	0.159011	0.2784259	0.2479995	0.7325454	0.5014594	0.400532
F	LU	54	0.3672164	0.0590456	0.079853	0.5885857	0.2172382	0.737142
F	LU	63				0.2482131	0.1400165	0.059181
F	LU	73	0.1797125		0.3347914	0.3319755		0.459525
F	LU	79		0.1138463	0.3347914		0.2381849	0.459525
F	LU	84	0.6622187	0.4688902	0.461602			
F	MA	1	0.1537541	0.0042252***	0.0164086***	0.702029	0.0491488*	0.179052
F	MA	25		0.1664604	0.3910727		0.158088	0.382262
F	MA	38	0.159011	0.25147	0.2592163	0.2482131	0.208524	0.264199
F	MA	42	0.2007065	0.072089	0.0617391	0.4109389	0.0873897	0.127888
F	MA	59	0.5408072	0.8326921	0.6171478			
F	ME	54	0.1540558	0.0632229	0.040172*	0.2901893	0.2172382	0.158094

Table B-1. List of all p-Values for the Tumor Dose Trend Tests – Females (Continued)

Sex	Tissue Code ^a	Diagnosis Code ^b	P-Value Trend ^c 1,3,4,5	P-Value Trend ^c 2,3,4,5	P-Value Trend ^c 1&2,3,4,5	P-Value Trend ^c 1,6,7,8	P-Value Trend ^c 2,6,7,8	P-Value Trend ^c 1&2,6,7,8
F	ME	63		0.25147	0.418559		0.208524	0.345526
F	ME	69	0.1820395	0.190995	0.0948785			
F	ME	88	0.6622187	0.4688902	0.461602			
F	NO	57	0.1868363		0.3910727	0.1778754		0.382262
F	OC	57	0.530526	0.5107821	0.5087921	0.1701926	0.158088	0.213836
F	OV	1				0.3936654	0.6692911	0.495456
F	OV	14				0.2901893	0.2172382	0.158094
F	OV	18				0.6911353	0.5652597	0.523394
F	OV	20	0.5236804	0.7439154	0.8912553	0.3652366	0.9161707	0.554887
F	OV	26				0.6533533	0.6810157	0.585324
F	OV	35		0.25147	0.418559	0.6533533	0.5139918	0.746068
F	OV	36	0.1820395	0.9570056	0.5647233		0.158088	0.382262
F	OV	54				0.1274295	0.0765195	0.0429995*
F	OV	69	0.1820395	0.190995	0.0948785			
F	PA	38		0.2784259	0.4272825		0.3990752	0.545036
F	PA	54	0.9370072	0.5481805	0.6470936	0.2901893	0.2172382	0.158094
F	PA	89	0.6622187	0.4688902	0.461602			
F	PI	10	0.2475834	0.2465169	0.1943295	0.0639096	0.0647438	0.039592*
F	PI	11	0.6634437	0.0588376	0.183734	0.07315	0.9178066	0.338085
F	PI	55	0.6237893	0.5969759	0.9700195	0.0680416	0.6169153	0.175301
F	PTHY	1		0.1664604	0.3910727		0.158088	0.382262
F	SA	45				0.1778754	0.186041	0.092741
F	SK	15	0.6529491	0.6814109	0.5845819			
F	SK	25				0.6533533	0.6810157	0.585324
F	SK	28	0.2133122	0.6265672	0.3093406	0.1778754		0.382262
F	SK	47		0.1786075	0.3939477		0.1771648	0.392881
F	SK	48	0.0532471	0.190995	0.4547422	0.0030998**		0.078115
F	SK	57	0.6632591	0.6334279	0.5665022			
F	SK	61	0.6529871	0.6760139	0.5814891			
F	SK	63	0.6547208	0.6547208	0.5700609			
F	SM	54	0.2764567	0.2002189	0.1219501	0.2901893	0.2172382	0.158094
F	SM	72	0.1809631		0.39642	0.1759208		0.390324
F	SM	75		0.0594029	0.231368		0.0539051	0.219502
F	SP	21				0.6533533	0.6810157	0.585324
F	SP	38	0.159011		0.4272825	0.7335155	0.1926988	0.252977
F	SP	62				0.6533533	0.6810157	0.585324
F	SP	90	0.6622187	0.4688902	0.461602			
F	ST	16	0.1820395	0.8806812	0.489007		0.208524	0.345526
F	ST	38	0.159011	0.1808493	0.2364142	0.2482131	0.1783309	0.290137
F	ST	64	0.6560312	0.664707	0.5772635	0.1778754	0.186041	0.092741
F	STE	71	0.6529491	0.6814109	0.5845819			
F	THG	5	0.7723454	0.8380198	0.986387	0.9306584	0.5126683	0.667618
F	THG	7	0.7595695	0.8325119	0.9546118	0.6912876	0.9689183	0.776757
F	THG	52	0.6634437	0.6265672	0.5640759			
F	THY	38	0.159011		0.4272825	0.5770907	0.9495984	0.798267
F	THY	63				0.2482131	0.1400165	0.059181
F	THY	80	0.2143246	0.0588376	0.1150433	0.5244185	0.1614437	0.299637
F	UB	54	0.1374652	0.0969503	0.0485731*			
F	UB	57				0.6321939	0.6157001	0.546599
F	UB	58	0.6563597	0.6696225	0.5799856			
F	UT	31	0.5755494	0.7126253	0.6127645	0.9325401	0.9769117	0.986282

Table B-1. List of all p-Values for the Tumor Dose Trend Tests – Females (Continued)

Sex	Tissue Code ^a	Diagnosis Code ^b	P-Value Trend ^c 1,3,4,5	P-Value Trend ^c 2,3,4,5	P-Value Trend ^c 1&2,3,4,5	P-Value Trend ^c 1,6,7,8	P-Value Trend ^c 2,6,7,8	P-Value Trend ^c 1&2,6,7,8
F	UT	46	0.069361	0.0253696*	0.0117453**	0.3552797	0.1514507	0.153785
F	UT	63				0.6575284	0.6725312	0.582508
F	UT	77	0.0808783	0.2494048	0.1447262	0.5143896	0.8239028	0.594449
F	VA	21				0.3936654	0.6692911	0.495456
F	VA	24		0.0497178*	0.2241135	0.6533533	0.1614437	0.48585
F	VA	30	0.6529	0.1938173	0.3241861	0.6507533	0.2131425	0.339292
F	VA	57	0.1820395	0.190995	0.0948785			
F	VA	64				0.6260302	0.6260302	0.548896
F	ZY	57	0.1868363	0.1754122	0.2270545	0.1778754	0.1618099	0.214653

* $p \leq 0.05$.*** $p \leq 0.0167$.

a. Tissue codes are defined in Table B-3.

b. Diagnosis codes are defined in Table B-4.

c. Blank cells indicated a lack of variability among the groups involved in the trend tests; statistical analysis cannot be performed if the cell entries are same. These cells can be regarded as having a p-value of 1.

Table B-2. List of all p-Values for the Tumor Dose Trend Tests – Males

Sex	Tissue Code ^a	Diagnosis Code ^b	P-Value Trend ^c 1,3,4,5	P-Value Trend ^c 2,3,4,5	P-Value Trend ^c 1&2,3,4,5	P-Value Trend ^c 1,6,7,8	P-Value Trend ^c 2,6,7,8	P-Value Trend ^c 1&2,6,7,8
M	AD	6	0.6783782	0.6958991	0.606223			
M	AD	17	0.6783782	0.5801523	0.8310587		0.1413945	0.2521157
M	AD	29	0.0291381*	0.0779141	0.0280154*	0.0272032*	0.0658387	0.0486635*
M	AD	38				0.2999651	0.2490555	0.1940437
M	BM	38	0.2482131	0.2482131	0.1076889	0.0935441	0.0803907	0.036363*
M	BM	63				0.6492944	0.6492944	0.5656676
M	BO	19	0.1746154		0.379041	0.1860623		0.3982564
M	BO	27	0.1746154		0.379041	0.1860623		0.3982564
M	BO	38				0.2999651	0.2490555	0.1940437
M	BO	71		0.1678471	0.3797566		0.16989	0.383421
M	BR	19	0.8354767	0.2348535	0.4625246	0.1860623		0.3982564
M	BR	38				0.2999651	0.2490555	0.1940437
M	BR	39	0.41983	0.3810481	0.4074065	0.0553083	0.053624	0.0873548
M	EP	69	0.0235588*	0.0252965*	0.0045476**	0.9513822	0.7808396	0.8317044
M	EYE	38				0.2999651	0.2490555	0.1940437
M	HG	1	0.6373391	0.6148384	0.5480816			
M	HG	38				0.2999651	0.2490555	0.1940437
M	HT	33				0.5551981	0.5258916	0.43141
M	JE	41	0.6373391	0.6148384	0.5480816			
M	K	13				0.4871331	0.5084321	0.3927687
M	K	25				0.1882615	0.1942054	0.098273
M	K	38				0.1673606	0.1723209	0.0824086
M	LI	8				0.162626	0.1675631	0.0781928
M	LI	38				0.2999651	0.2490555	0.1940437
M	LI	63				0.8526837	0.8526837	0.7381666
M	LNMAN	38				0.2999651	0.2490555	0.1940437
M	LNMED	38				0.2999651	0.2490555	0.1940437
M	LNMED	66				0.1442921	0.2635525	0.0644064
M	LNMES	21				0.9959692	0.8978425	0.9087974
M	LNMES	38				0.2999651	0.2490555	0.1940437
M	LNMES	62	0.3055599	0.7069349	0.3948428	0.5502428	0.1924151	0.2568748
M	LNMES	63				0.8526837	0.8526837	0.7381666
M	LNO	38				0.2999651	0.2490555	0.1940437
M	LU	4	0.1746154		0.379041	0.4687862	0.9892324	0.6440819
M	LU	38				0.2999651	0.2490555	0.1940437
M	LU	49		0.2482131	0.4717298		0.2652054	0.51913
M	LU	50	0.1933348	0.198826	0.1027676			
M	LU	53				0.2999651	0.2490555	0.1940437
M	LU	69				0.6240703	0.6409502	0.5464798
M	LU	74		0.3710934	0.5730641		0.1948351	0.2940719
M	MA	1	0.1933348	0.3810481	0.9409672	0.3232468	0.7230584	0.7655903
M	ME	69				0.9513822	0.7808396	0.8317044
M	NO	1				0.6773266	0.6546331	0.5787696
M	OC	57	0.9671777	0.9362394	0.9512955			
M	P	67				0.6660376	0.6493816	0.5731535
M	PA	22	0.8878425	0.7244647	0.7697754	0.7024046	0.6589982	0.6395215
M	PA	38				0.2999651	0.2490555	0.1940437
M	PA	51	1	1	0.7994953			
M	PI	10	0.0334173*	0.1730568	0.0532884	0.2173503	0.793893	0.3788936
M	PI	11	0.0644747	0.6148384	0.1712949	0.7594615	0.3589534	0.7820405
M	PI	38				0.2999651	0.2490555	0.1940437

Table B-2. List of all p-Values for the Tumor Dose Trend Tests – Males (Continued)

Sex	Tissue Code ^a	Diagnosis Code ^b	P-Value Trend ^c 1,3,4,5	P-Value Trend ^c 2,3,4,5	P-Value Trend ^c 1&2,3,4,5	P-Value Trend ^c 1,6,7,8	P-Value Trend ^c 2,6,7,8	P-Value Trend ^c 1&2,6,7,8
M	PI	55	0.1626235	0.198826	0.6123088	0.4945211	0.1905286	0.8764369
M	PI	56				0.162626	0.1675631	0.0781928
M	PRE	43				0.162626	0.1675631	0.0781928
M	PRO	1				0.6240703	0.6409502	0.5464798
M	PRO	38				0.2999651	0.2490555	0.1940437
M	PRO	44				0.6357032	0.6438995	0.5555603
M	PTHY	1	0.1746154		0.379041	0.1860623		0.3982564
M	R	24				0.6240703	0.6409502	0.5464798
M	SA	32				0.6240703	0.6409502	0.5464798
M	SA	38				0.2999651	0.2490555	0.1940437
M	SC	60	0.657434	0.6609956	0.5755873			
M	SK	2	0.1746154	0.1623474	0.2125628	0.2630846	0.2469818	0.1923334
M	SK	12		0.1623474	0.379041		0.1735008	0.3982564
M	SK	19				0.6773266	0.6546331	0.5787696
M	SK	23				0.6240703	0.6409502	0.5464798
M	SK	25	0.1746154		0.379041	0.1860623		0.3982564
M	SK	28	0.6783782	0.6958991	0.606223			
M	SK	37				0.6240703	0.6409502	0.5464798
M	SK	38	0.1903474	0.1891511	0.0972585			
M	SK	48	0.1746154	0.178598	0.2204124	0.9838939	0.9866301	0.9997408
M	SK	61	0.6783782	0.6958991	0.606223	0.162626	0.1675631	0.0781928
M	SK	78		0.1623474	0.379041		0.1735008	0.3982564
M	SM	75		0.1623474	0.379041		0.1735008	0.3982564
M	SP	21	0.1933348	0.9365385	0.5941991		0.1735008	0.3982564
M	SP	38	0.6547208	0.6582374	0.5721718	0.2999651	0.2490555	0.1940437
M	SP	62		0.1623474	0.379041		0.1735008	0.3982564
M	TE	9	0.1797416	0.2058349	0.1156224	0.5952943	0.6314618	0.5644214
M	TE	64				0.5337374	0.5374432	0.4308169
M	TE	69	0.2239762	0.2348535	0.1281929	0.9513822	0.7808396	0.8317044
M	TE	76				0.1831182	0.1843026	0.0936926
M	THG	5	0.156193	0.7334487	0.5333626	0.2825365	0.6327091	0.6348172
M	THG	7	0.1146405	0.0869707	0.076109	0.010398**	0.0104615**	0.0078204**
M	THG	52	0.3773506	0.9937884	0.7087368	0.6240703	0.5258916	0.8640189
M	THY	38		0.1623474	0.379041	0.0397054*	0.228756	0.0707953
M	THY	80	0.967914	0.198826	0.5941991	0.1860623		0.3982564
M	TO	57				0.6639584	0.6639584	0.5797958
M	UB	58	0.6783782	0.5015598	0.8185545		0.1797125	0.3942459
M	ZY	57	0.2164713	0.2304345	0.1227225	0.643002	0.6470203	0.5613725

* p ≤ 0.05.

** p ≤ 0.0167.

a. Tissue codes are defined in Table B-3.

b. Diagnosis codes are defined in Table B-4.

c. Blank cells indicated a lack of variability among the groups involved in the trend tests; statistical analysis cannot be performed if the cell entries are same. These cells can be treated as having a p-value of 1.

Table B-3. Tissue Codes Used for Statistical Analyses

Tissue Code	Tissue
AD	ADRENAL GLAND
BO	BONE
BM	BONE MARROW
BR	BRAIN
CE	CECUM
CL	CLITORAL GLAND
EP	EPIDIDYMIDES
EYE	EYE
HG	HARDERIAN GLAND
HT	HEART
JE	JEJUNUM
K	KIDNEY
LI	LIVER
LNMAN	LYMPH NODE, MANDIBULAR
LNMED	LYMPH NODE, MEDIASTINAL
LNMES	LYMPH NODE, MESENTERIC
LNO	LYMPH NODE, OTHER
LU	LUNG
MA	MAMMARY GLAND
ME	MESENTERY
NO	NOSE/TURBINATES
OC	ORAL MUCOSA
OV	OVARY
PA	PANCREAS
PTHY	PARATHYROID
P	PENIS
PI	PITUITARY GLAND
PRE	PREPUTIAL GLAND
PRO	PROSTATE
R	RECTUM
SA	SALIVARY GLAND
SM	SKELETAL MUSCLE
SK	SKIN
SC	SPINAL CORD
SP	SPLEEN
STE	STERNUM

Table B-3. Tissue Codes Used for Statistical Analyses (Continued)

Tissue Code	Tissue
ST	STOMACH
TE	TESTES
THY	THYMUS
THG	THYROID GLAND
TO	TONGUE
UB	URINARY BLADDER
UT	UTERUS
VA	VAGINA
ZY	ZYMBAL'S GLAND

Table B-4. Diagnosis Codes Used for Statistical Analyses

Diagnosis Code	Tumor Diagnosis
1	B-ADENOMA
2	B-ADENOMA, BASAL CELL
3	B-ADENOMA, BILIARY
4	B-ADENOMA, BRONCHIOLAR-ALVEOLAR
5	B-ADENOMA, C-CELL
6	B-ADENOMA, CORTICAL
7	B-ADENOMA, FOLLICULAR CELL
8	B-ADENOMA, HEPATOCELLULAR
9	B-ADENOMA, INTERSTITIAL CELL
10	B-ADENOMA, PARS DISTALIS
11	B-ADENOMA, PARS INTERMEDIA
12	B-ADENOMA, SEBACEOUS GLAND
13	B-ADENOMA, TUBULAR
14	B-DYSGERMINOMA
15	B-FIBROMA
16	B-FIBROPAPILLOMA
17	B-GANGLIONEUROMA
18	B-GONADAL STROMAL TUMOR, UNDIFFERENTIATED
19	B-GRANULAR CELL TUMOR
20	B-GRANULOSA CELL TUMOR
21	B-HEMANGIOMA
22	B-ISLET CELL TUMOR
23	B-KERATOACANTHOMA
24	B-LEIOMYOMA
25	B-LIPOMA
26	B-LUTEOMA
27	B-OSTEOMA
28	B-PAPILLOMA, SQUAMOUS CELL
29	B-PHEOCHROMOCYTOMA
30	B-POLYP
31	B-POLYP, ENDOMETRIAL STROMAL
32	B-SCHWANNOMA
33	B-SCHWANNOMA, ENDOCARDIAL
34	B-SCHWANNOMA, OPTIC NERVE

Table B-4. Diagnosis Codes Used for Statistical Analyses (Continued)

Diagnosis Code	Tumor Diagnosis
35	B-SERTOLI CELL TUMOR
36	B-THECOMA
37	B-TRICHOEPITHELIOMA
38	F-LYMPHOMA
39	M-ASTROCYTOMA
40	M-CARCINOMA [clitoral gland] ^a
41	M-CARCINOMA [jejunum] ^a
42	M-CARCINOMA [mammary gland] ^a
43	M-CARCINOMA [preputial gland] ^a
44	M-CARCINOMA [prostate] ^a
45	M-CARCINOMA [salivary gland] ^a
46	M-CARCINOMA [uterus] ^a
47	M-CARCINOMA, APOCRINE GLAND
48	M-CARCINOMA, BASAL CELL
49	M-CARCINOMA, BASAL CELL, METASTATIC (SKIN)
50	M-CARCINOMA, BRONCHIOLAR-ALVEOLAR
51	M-CARCINOMA, EXOCRINE
52	M-CARCINOMA, FOLLICULAR CELL
53	M-CARCINOMA, METASTATIC (SKIN)
54	M-CARCINOMA, METASTATIC (UTERUS)
55	M-CARCINOMA, PARS DISTALIS
56	M-CARCINOMA, PARS INTERMEDIA
57	M-CARCINOMA, SQUAMOUS CELL
58	M-CARCINOMA, TRANSITIONAL CELL
59	M-CARCINOSARCOMA
60	M-EPENDYMOMA, ANAPLASTIC
61	M-FIBROSARCOMA
62	M-HEMANGIOSARCOMA
63	M-HISTIOCYTIC SARCOMA
64	M-LEIOMYOSARCOMA
65	M-LEIOMYOSARCOMA, METASTATIC (STOMACH)
66	M-LEIOMYOSARCOMA, METASTATIC (TESTIS)
67	M-LYMPHOMA, EPITHELIOTROPIC
68	M-MEDULLOBLASTOMA

Table B-4. Diagnosis Codes Used for Statistical Analyses (Continued)

Diagnosis Code	Tumor Diagnosis
69	M-MESOTHELIOMA
70	M-OLIGODENDROGLIOMA
71	M-OSTEOSARCOMA
72	M-OSTEOSARCOMA, EXTRASKELETAL
73	M-OSTEOSARCOMA, METASTATIC (SKELETAL MUSCLE)
74	M-OSTEOSARCOMA, METASTATIC (BONE)
75	M-RHABDOMYOSARCOMA
76	M-SARCOMA
77	M-SARCOMA, STROMAL
78	M-SCWANNOMA
79	M-STROMAL SARCOMA, METASTATIC (UTERUS)
80	M-THYMOMA
81	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (HEART)
82	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (KIDNEY)
83	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LIVER)
84	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LUNG)
85	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LYMPH NODE, MEDIASTINAL)
86	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LYMPH NODE, MESENTERIC)
87	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LYMPH NODE, OTHER)
88	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (MESENTERY)
89	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (PANCREAS)
90	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (SPLEEN)

a. Entries in brackets clarify the tissue site and are assigned unique codes to designate discrete tumor types, but they are not included in the raw microscopic data in order to avoid redundancy.

APPENDIX C**DATA SET FOR TUMOR INCIDENCE AND
SURVIVAL STATISTICAL ANALYSIS**

Table C-1. Data Set for Tumor Incidence and Survival Analyses

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1121	F	1	458	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1121	F	1	458	U2	UTERUS	UT	M-SARCOMA, STROMAL	77	F
1121	F	1	458	U2	UTERUS		INFLAMMATION		
1122	F	1	603	U2	HEART		CARDIOMYOPATHY		
1122	F	1	603	U2	KIDNEY		CYST(S), TUBULAR		
1122	F	1	603	U2	MAMMARY GLAND	MA	B-ADENOMA	1	I
1122	F	1	603	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1122	F	1	603	U2	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1123	F	1	464	U2	ADRENAL GLAND		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1123	F	1	464	U2	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1123	F	1	464	U2	KIDNEY		INFLAMMATION		
1123	F	1	464	U2	LUNG	LU	M-OSTEOSARCOMA, METASTATIC (SKELETAL MUSCLE)	73	I
1123	F	1	464	U2	SKELETAL MUSCLE	SM	M-OSTEOSARCOMA, EXTRASKELETAL	72	F
1123	F	1	464	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1123	F	1	464	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1124	F	1	612	U2	BRAIN	BR	M-OLIGODENDROGLIOMA	70	F
1124	F	1	612	U2	KIDNEY		NEPHROPATHY		
1124	F	1	612	U2	OVARY		CYST(S)		
1124	F	1	612	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1124	F	1	612	U2	SPLEEN		ATROPHY, LYMPHOID		
1124	F	1	612	U2	STOMACH		INFLAMMATION, NON-GLANDULAR		
1124	F	1	612	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1125	F	1	729	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1125	F	1	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1125	F	1	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1125	F	1	729	FS	KIDNEY		NEPHROPATHY		
1125	F	1	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1125	F	1	729	FS	LUNG		INFLAMMATION		
1125	F	1	729	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1125	F	1	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1126	F	1	729	FS	LUNG		INFLAMMATION		
1126	F	1	729	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1126	F	1	729	FS	PANCREAS		ATROPHY, ACINAR CELL		
1126	F	1	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1127	F	1	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1127	F	1	729	FS	HEART		CARDIOMYOPATHY		
1127	F	1	729	FS	KIDNEY		INFLAMMATION		
1127	F	1	729	FS	KIDNEY		NEPHROPATHY		
1127	F	1	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1127	F	1	729	FS	LUNG		INFLAMMATION		
1127	F	1	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1127	F	1	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1128	F	1	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1128	F	1	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1128	F	1	729	FS	HEART		CARDIOMYOPATHY		
1128	F	1	729	FS	LIVER		CYST(S), BILE DUCTS		
1128	F	1	729	FS	PANCREAS		ATROPHY, ACINAR CELL		
1128	F	1	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1128	F	1	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1128	F	1	729	FS	UTERUS	UT	M-SARCOMA, STROMAL	77	M
1129	F	1	596	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1129	F	1	596	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1129	F	1	596	U2	STOMACH		INFLAMMATION, NON-GLANDULAR		
1130	F	1	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1130	F	1	731	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1130	F	1	731	FS	HEART		CARDIOMYOPATHY		
1130	F	1	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1130	F	1	731	FS	OVARY		CYST(S)		
1130	F	1	731	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
1131	F	1	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1131	F	1	731	FS	HEART		CARDIOMYOPATHY		
1131	F	1	731	FS	OVARY		CYST(S)		
1131	F	1	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1131	F	1	731	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1132	F	1	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1132	F	1	731	FS	OVARY		CYST(S)		
1132	F	1	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1132	F	1	731	FS	STOMACH		MINERALIZATION		
1133	F	1	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1133	F	1	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1133	F	1	731	FS	KIDNEY		NEPHROPATHY		
1133	F	1	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1133	F	1	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1134	F	1	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1134	F	1	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1134	F	1	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1134	F	1	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1135	F	1	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1135	F	1	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1136	F	1	400	U2	KIDNEY		NEPHROPATHY		
1136	F	1	400	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1136	F	1	400	U2	SKIN	SK	M-CARCINOMA, BASAL CELL	48	F
1137	F	1	731	FS	KIDNEY		NEPHROPATHY		
1137	F	1	731	FS	LIVER		DILATATION, BILE DUCT		
1137	F	1	731	FS	SPLEEN		FIBROSIS		
1137	F	1	731	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1138	F	1	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1139	F	1	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1139	F	1	735	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1139	F	1	735	FS	HEART		CARDIOMYOPATHY		
1139	F	1	735	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
1139	F	1	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1139	F	1	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1139	F	1	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1140	F	1	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1140	F	1	735	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1140	F	1	735	FS	LIVER		CYST(S), BILE DUCTS		
1140	F	1	735	FS	LIVER		FOCUS, EOSINOPHILIC		
1140	F	1	735	FS	LIVER		LIPIDOSIS, DIFFUSE		
1140	F	1	735	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
1140	F	1	735	FS	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
1140	F	1	735	FS	STOMACH		ULCER, NON-GLANDULAR		
1140	F	1	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1140	F	1	735	FS	VAGINA	VA	B-POLYP	30	M
1141	F	1	540	U2	HEART		CARDIOMYOPATHY		
1141	F	1	540	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1141	F	1	540	U2	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
1141	F	1	540	U2	THYMUS	THY	M-THYMOMA	80	F
1142	F	1	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1142	F	1	735	FS	KIDNEY		NEPHROPATHY		
1142	F	1	735	FS	LIVER		FIBROSIS		
1142	F	1	735	FS	LIVER		HEMOSIDERIN PIGMENT		
1142	F	1	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
1142	F	1	735	FS	LIVER		TELANGIECTASIS		
1142	F	1	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1142	F	1	735	FS	SKIN		ULCER, EPIDERMIS		
1142	F	1	735	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1142	F	1	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1143	F	1	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1143	F	1	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1143	F	1	735	FS	KIDNEY		NEPHROPATHY		
1143	F	1	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
1143	F	1	735	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1143	F	1	735	FS	MAMMARY GLAND		HYPERPLASIA		
1143	F	1	735	FS	OVARY		CYST(S)		
1143	F	1	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1143	F	1	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1144	F	1	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1144	F	1	735	FS	HEART		CARDIOMYOPATHY		
1144	F	1	735	FS	KIDNEY	K	B-LIPOMA	25	M
1144	F	1	735	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
1144	F	1	735	FS	OVARY		CYST(S)		
1144	F	1	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1144	F	1	735	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1145	F	1	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1145	F	1	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1145	F	1	735	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1145	F	1	735	FS	HEART		CARDIOMYOPATHY		
1145	F	1	735	FS	KIDNEY		HYDRONEPHROSIS		
1145	F	1	735	FS	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1145	F	1	735	FS	KIDNEY		INFLAMMATION		
1145	F	1	735	FS	KIDNEY		NEPHROPATHY		
1145	F	1	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1145	F	1	735	FS	PANCREAS		ATROPHY, ACINAR CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1145	F	1	735	FS	PANCREAS		LIPOMATOSIS		
1145	F	1	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1145	F	1	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1146	F	1	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1146	F	1	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1146	F	1	735	FS	HEART		CARDIOMYOPATHY		
1146	F	1	735	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1146	F	1	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1146	F	1	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1146	F	1	735	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1146	F	1	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1147	F	1	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1147	F	1	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
1147	F	1	735	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1147	F	1	735	FS	PANCREAS		ATROPHY, ACINAR CELL		
1147	F	1	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1148	F	1	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1148	F	1	737	FS	HEART		CARDIOMYOPATHY		
1148	F	1	737	FS	KIDNEY		NEPHROPATHY		
1148	F	1	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1148	F	1	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1149	F	1	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1149	F	1	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1149	F	1	737	FS	KIDNEY		NEPHROPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1149	F	1	737	FS	SKIN	SK	B-PAPILLOMA, SQUAMOUS CELL	28	M
1149	F	1	737	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
1150	F	1	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1150	F	1	737	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1150	F	1	737	FS	KIDNEY		NEPHROPATHY		
1150	F	1	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
1150	F	1	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1150	F	1	737	FS	TRACHEA		INFLAMMATION		
1151	F	1	737	FS	CLITORAL GLAND		INFLAMMATION		
1151	F	1	737	FS	HEART		CARDIOMYOPATHY		
1151	F	1	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1151	F	1	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1151	F	1	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1151	F	1	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1152	F	1	703	U2	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1152	F	1	703	U2	KIDNEY		HYDRONEPHROSIS		
1152	F	1	703	U2	KIDNEY		NEPHROPATHY		
1152	F	1	703	U2	LN-MESENTERIC	LNMES	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1152	F	1	703	U2	LN-OTHER	LNO	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1152	F	1	703	U2	LUNG	LU	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1152	F	1	703	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1152	F	1	703	U2	UTERUS	UT	M-CARCINOMA	46	F
1152	F	1	703	U2	UTERUS		INFLAMMATION		
1153	F	1	737	FS	LIVER		LIPIDOSIS, FOCAL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1153	F	1	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1153	F	1	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1154	F	1	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1154	F	1	741	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1154	F	1	741	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1154	F	1	741	FS	PANCREAS		LIPOMATOSIS		
1155	F	1	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1155	F	1	741	FS	LIVER		HYPERPLASIA, BILE DUCT		
1155	F	1	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1155	F	1	741	FS	PANCREAS		ATROPHY, ACINAR CELL		
1155	F	1	741	FS	PANCREAS		LIPOMATOSIS		
1155	F	1	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1156	F	1	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1156	F	1	741	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1156	F	1	741	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1156	F	1	741	FS	LIVER		INFLAMMATION		
1156	F	1	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1156	F	1	741	FS	RECTUM		METAZOAN PARASITE(S)		
1156	F	1	741	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1157	F	1	741	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1157	F	1	741	FS	HEART		CARDIOMYOPATHY		
1157	F	1	741	FS	KIDNEY		NEPHROPATHY		
1157	F	1	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1158	F	1	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1158	F	1	741	FS	KIDNEY		NEPHROPATHY		
1158	F	1	741	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1158	F	1	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1159	F	1	741	FS	HEART		CARDIOMYOPATHY		
1159	F	1	741	FS	LIVER		HYPERPLASIA, BILE DUCT		
1159	F	1	741	FS	OVARY		CYST(S)		
1159	F	1	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1159	F	1	741	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1160	F	1	680	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1160	F	1	680	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1160	F	1	680	U2	EYE		INFLAMMATION, OCULAR		
1160	F	1	680	U2	KIDNEY		INFLAMMATION		
1160	F	1	680	U2	KIDNEY		NEPHROPATHY		
1160	F	1	680	U2	LIVER		CYST(S), BILE DUCTS		
1160	F	1	680	U2	NOSE/TURBINATES		INFLAMMATION		
1160	F	1	680	U2	ORAL MUCOSA	OC	M-CARCINOMA, SQUAMOUS CELL	57	F
1160	F	1	680	U2	PANCREAS		ATROPHY, ACINAR CELL		
1160	F	1	680	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1160	F	1	680	U2	SKIN	SK	M-CARCINOMA, BASAL CELL	48	I
1160	F	1	680	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1160	F	1	680	U2	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
1161	F	1	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1161	F	1	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1161	F	1	741	FS	LIVER		HYPERPLASIA, BILE DUCT		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1161	F	1	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1161	F	1	741	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1161	F	1	741	FS	MAMMARY GLAND		INFLAMMATION		
1161	F	1	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1161	F	1	741	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1162	F	1	741	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1162	F	1	741	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1162	F	1	741	FS	LIVER	LI	B-ADENOMA, HEPATOCELLULAR	8	M
1162	F	1	741	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1162	F	1	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1163	F	1	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1163	F	1	743	FS	EYE	EYE	B-SCHWANNOMA, OPTIC NERVE	34	M
1163	F	1	743	FS	EYE		ATROPHY, RETINA		
1164	F	1	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1164	F	1	743	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1164	F	1	743	FS	HEART		CARDIOMYOPATHY		
1164	F	1	743	FS	KIDNEY		NEPHROPATHY		
1164	F	1	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1164	F	1	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1165	F	1	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1165	F	1	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1165	F	1	743	FS	LUNG		INFLAMMATION		
1165	F	1	743	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1165	F	1	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1165	F	1	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1166	F	1	743	FS	HEART		CARDIOMYOPATHY		
1166	F	1	743	FS	KIDNEY		NEPHROPATHY		
1166	F	1	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1166	F	1	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1166	F	1	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1167	F	1	743	FS	HEART		CARDIOMYOPATHY		
1167	F	1	743	FS	KIDNEY		NEPHROPATHY		
1167	F	1	743	FS	LIVER		FOCUS, CLEAR CELL		
1167	F	1	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1167	F	1	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1167	F	1	743	FS	SKIN	SK	M-CARCINOMA, BASAL CELL	48	M
1167	F	1	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1167	F	1	743	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1167	F	1	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1168	F	1	591	U1	HEART		INFLAMMATION		
1168	F	1	591	U1	KIDNEY		INFLAMMATION		
1168	F	1	591	U1	LUNG		INFLAMMATION		
1168	F	1	591	U1	NOSE/TURBINATES		INFLAMMATION		
1168	F	1	591	U1	OVARY		CYST(S)		
1169	F	1	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1169	F	1	743	FS	KIDNEY		MINERALIZATION		
1169	F	1	743	FS	KIDNEY		NEPHROPATHY		
1169	F	1	743	FS	LIVER		FOCUS, BASOPHILIC CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1169	F	1	743	FS	LIVER		FOCUS, EOSINOPHILIC		
1169	F	1	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1169	F	1	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1169	F	1	743	FS	OVARY		CYST(S)		
1170	F	1	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1170	F	1	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1170	F	1	743	FS	HEART		CARDIOMYOPATHY		
1170	F	1	743	FS	KIDNEY		NEPHROPATHY		
1170	F	1	743	FS	LN-MANDIBULAR		CYSTIC DEGENERATION		
1170	F	1	743	FS	LN-MESENTERIC		CYSTIC DEGENERATION		
1170	F	1	743	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1170	F	1	743	FS	SPLEEN		CYST(S)		
1170	F	1	743	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1170	F	1	743	FS	TONGUE		HYPERPLASIA, MUCOSAL EPITHELIUM		
1170	F	1	743	FS	TONGUE		INFLAMMATION, CHRONIC		
1171	F	1	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1171	F	1	743	FS	HEART		CARDIOMYOPATHY		
1171	F	1	743	FS	KIDNEY		NEPHROPATHY		
1171	F	1	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1171	F	1	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1171	F	1	743	FS	MAMMARY GLAND	MA	M-CARCINOMA	42	M
1171	F	1	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1171	F	1	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1172	F	1	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1172	F	1	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1172	F	1	745	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1172	F	1	745	FS	HEART		CARDIOMYOPATHY		
1172	F	1	745	FS	KIDNEY		NEPHROPATHY		
1172	F	1	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
1172	F	1	745	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1172	F	1	745	FS	OVARY		CYST(S)		
1172	F	1	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1172	F	1	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1173	F	1	720	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1173	F	1	720	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1173	F	1	720	U2	MAMMARY GLAND		HYPERPLASIA		
1173	F	1	720	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1174	F	1	744	U2	MAMMARY GLAND	MA	B-ADENOMA	1	I
1174	F	1	744	U2	MAMMARY GLAND		CYST(S), DUCTAL		
1174	F	1	744	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1174	F	1	744	U2	SKIN	SK	M-CARCINOMA, BASAL CELL	48	F
1174	F	1	744	U2	ZYMBAL'S GLAND	ZY	M-CARCINOMA, SQUAMOUS CELL	57	I
1175	F	1	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1175	F	1	745	FS	EYE		ULCER, CORNEA		
1175	F	1	745	FS	HEART		CARDIOMYOPATHY		
1175	F	1	745	FS	KIDNEY		NEPHROPATHY		
1175	F	1	745	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1175	F	1	745	FS	NOSE/TURBINATES	NO	M-CARCINOMA, SQUAMOUS CELL	57	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1175	F	1	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1176	F	1	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1176	F	1	745	FS	OVARY		CYST(S)		
1176	F	1	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1176	F	1	745	FS	SPLEEN		ATROPHY, LYMPHOID		
1176	F	1	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1176	F	1	745	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1177	F	1	735	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1177	F	1	735	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1177	F	1	735	U2	KIDNEY		INFARCT, CHRONIC		
1177	F	1	735	U2	KIDNEY		NEPHROPATHY		
1177	F	1	735	U2	OVARY		ATROPHY		
1177	F	1	735	U2	STOMACH		ULCER, NON-GLANDULAR		
1177	F	1	735	U2	UTERUS	UT	M-SARCOMA, STROMAL	77	F
1178	F	1	546	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1178	F	1	546	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1178	F	1	546	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1179	F	1	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1179	F	1	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1179	F	1	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1179	F	1	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1179	F	1	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1180	F	1	549	U2	KIDNEY	K	F-LYMPHOMA	38	I
1180	F	1	549	U2	LIVER	LI	F-LYMPHOMA	38	I

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1180	F	1	549	U2	LUNG	LU	F-LYMPHOMA	38	I
1180	F	1	549	U2	MAMMARY GLAND	MA	B-ADENOMA	1	I
1180	F	1	549	U2	MAMMARY GLAND	MA	F-LYMPHOMA	38	I
1180	F	1	549	U2	OVARY		CYST(S)		
1180	F	1	549	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1180	F	1	549	U2	SKIN		ULCER, EPIDERMIS		
1180	F	1	549	U2	SPLEEN	SP	F-LYMPHOMA	38	I
1180	F	1	549	U2	STOMACH	ST	F-LYMPHOMA	38	I
1180	F	1	549	U2	THYMUS	THY	F-LYMPHOMA	38	I
1201	F	2	715	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1201	F	2	715	U2	KIDNEY		MINERALIZATION		
1201	F	2	715	U2	LIVER	LI	B-ADENOMA, BILIARY	3	I
1201	F	2	715	U2	LIVER		FOCUS, BASOPHILIC CELL		
1201	F	2	715	U2	LIVER		LIPIDOSIS, FOCAL		
1201	F	2	715	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1201	F	2	715	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1201	F	2	715	U2	STOMACH	ST	B-FIBROPAPILLOMA	16	I
1201	F	2	715	U2	UTERUS	UT	M-SARCOMA, STROMAL	77	I
1202	F	2	729	FS	KIDNEY		CYST(S), TUBULAR		
1202	F	2	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
1202	F	2	729	FS	MAMMARY GLAND	MA	B-LIPOMA, INFILTRATIVE	25	M
1202	F	2	729	FS	MAMMARY GLAND		FIBROSIS, PERIDUCTAL		
1202	F	2	729	FS	MAMMARY GLAND		HYPERPLASIA		
1202	F	2	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1202	F	2	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1202	F	2	729	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1203	F	2	512	U2	KIDNEY		NEPHROPATHY		
1203	F	2	512	U2	LIVER		FOCUS, BASOPHILIC CELL		
1203	F	2	512	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1203	F	2	512	U2	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	I
1203	F	2	512	U2	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1204	F	2	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1204	F	2	729	FS	HEART		CARDIOMYOPATHY		
1204	F	2	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1204	F	2	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1205	F	2	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1205	F	2	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
1205	F	2	729	FS	OVARY		CYST(S)		
1205	F	2	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1206	F	2	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1206	F	2	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1206	F	2	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
1206	F	2	729	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1206	F	2	729	FS	OVARY	OV	B-GRANULOSA CELL TUMOR	20	M
1206	F	2	729	FS	RECTUM		METAZOAN PARASITE(S)		
1206	F	2	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1206	F	2	729	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1207	F	2	486	U2	CLITORAL GLAND		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1207	F	2	486	U2	LIVER		FOCUS, BASOPHILIC CELL		
1207	F	2	486	U2	SKELETAL MUSCLE	SM	M-RHABDOMYOSARCOMA	75	F
1207	F	2	486	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1207	F	2	486	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1207	F	2	486	U2	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1208	F	2	365	U2	LIVER		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1208	F	2	365	U2	LUNG	LU	M-STROMAL SARCOMA, METASTATIC (UTERUS)	79	I
1208	F	2	365	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1208	F	2	365	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1208	F	2	365	U2	UTERUS	UT	M-SARCOMA, STROMAL	77	F
1209	F	2	729	FS	HEART		CARDIOMYOPATHY		
1209	F	2	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1209	F	2	729	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1209	F	2	729	FS	PARATHYROID	PTHY	B-ADENOMA	1	M
1209	F	2	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1209	F	2	729	FS	SKIN		FIBROSIS, DERMIS		
1210	F	2	731	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1210	F	2	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1210	F	2	731	FS	MESENTERY		NECROSIS, MESENTERIC FAT		
1210	F	2	731	FS	OVARY		CYST(S)		
1210	F	2	731	FS	PANCREAS		INFLAMMATION		
1210	F	2	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1211	F	2	731	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1211	F	2	731	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1211	F	2	731	FS	KIDNEY		NEPHROPATHY		
1211	F	2	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1211	F	2	731	FS	OVARY		CYST(S)		
1211	F	2	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1211	F	2	731	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1211	F	2	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1211	F	2	731	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
1211	F	2	731	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1211	F	2	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1212	F	2	511	U2	LIVER		FOCUS, BASOPHILIC CELL		
1212	F	2	511	U2	MAMMARY GLAND	MA	B-ADENOMA	1	F
1212	F	2	511	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1212	F	2	511	U2	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I
1213	F	2	693	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1213	F	2	693	U2	HEART		CARDIOMYOPATHY		
1213	F	2	693	U2	LIVER		FOCUS, BASOPHILIC CELL		
1213	F	2	693	U2	LIVER		LIPIDOSIS, FOCAL		
1213	F	2	693	U2	MAMMARY GLAND	MA	B-ADENOMA	1	I
1213	F	2	693	U2	OVARY	OV	B-SERTOLI CELL TUMOR	35	I
1213	F	2	693	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1213	F	2	693	U2	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I
1213	F	2	693	U2	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
1213	F	2	693	U2	ZYMBAL'S GLAND	ZY	M-CARCINOMA, SQUAMOUS CELL	57	F
1214	F	2	647	U1	EYE		INFLAMMATION, OCULAR		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1214	F	2	647	U1	LIVER		FOCUS, BASOPHILIC CELL		
1214	F	2	647	U1	MAMMARY GLAND	MA	B-ADENOMA	1	I
1214	F	2	647	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1214	F	2	647	U1	THYROID GLAND		HYPERPLASIA, C-CELL		
1215	F	2	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1215	F	2	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1215	F	2	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1216	F	2	609	U2	CLITORAL GLAND		INFLAMMATION		
1216	F	2	609	U2	HEART		CARDIOMYOPATHY		
1216	F	2	609	U2	LUNG		INFLAMMATION		
1216	F	2	609	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1217	F	2	731	FS	JEJUNUM		DIVERTICULUM		
1217	F	2	731	FS	JEJUNUM		INFLAMMATION		
1217	F	2	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1217	F	2	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1217	F	2	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1217	F	2	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS INTERMEDIA		
1218	F	2	552	U1	ESOPHAGUS		DILATATION, LUMEN		
1218	F	2	552	U1	LUNG		INFLAMMATION		
1219	F	2	735	FS	HEART		CARDIOMYOPATHY		
1219	F	2	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1219	F	2	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1220	F	2	735	FS	HEART		CARDIOMYOPATHY		
1220	F	2	735	FS	MAMMARY GLAND		CYST(S), DUCTAL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1220	F	2	735	FS	OVARY	OV	B-THECOMA	36	M
1220	F	2	735	FS	PANCREAS		ATROPHY, ACINAR CELL		
1220	F	2	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1220	F	2	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1221	F	2	735	FS	HEART		CARDIOMYOPATHY		
1221	F	2	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
1221	F	2	735	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1221	F	2	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1221	F	2	735	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1221	F	2	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1221	F	2	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1222	F	2	735	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1222	F	2	735	FS	HEART		CARDIOMYOPATHY		
1222	F	2	735	FS	KIDNEY		MINERALIZATION		
1222	F	2	735	FS	KIDNEY		NEPHROPATHY		
1222	F	2	735	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1222	F	2	735	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1222	F	2	735	FS	MAMMARY GLAND		HYPERPLASIA		
1222	F	2	735	FS	ORAL MUCOSA	OC	M-CARCINOMA, SQUAMOUS CELL	57	M
1222	F	2	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	M
1222	F	2	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1223	F	2	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1223	F	2	735	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1223	F	2	735	FS	VAGINA	VA	B-LEIOMYOMA	24	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1224	F	2	499	U2	ADRENAL GLAND	AD	F-LYMPHOMA	38	I
1224	F	2	499	U2	LIVER	LI	F-LYMPHOMA	38	I
1224	F	2	499	U2	LUNG	LU	F-LYMPHOMA	38	I
1224	F	2	499	U2	PANCREAS	PA	F-LYMPHOMA	38	I
1224	F	2	499	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1224	F	2	499	U2	STOMACH	ST	F-LYMPHOMA	38	F
1225	F	2	720	U2	HEART	HT	B-SCHWANNOMA, ENDOCARDIAL	33	I
1225	F	2	720	U2	HEART		CARDIOMYOPATHY		
1225	F	2	720	U2	KIDNEY		INFLAMMATION		
1225	F	2	720	U2	LIVER		FOCUS, BASOPHILIC CELL		
1225	F	2	720	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1225	F	2	720	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1225	F	2	720	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1225	F	2	720	U2	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1226	F	2	735	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1226	F	2	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1226	F	2	735	FS	RECTUM		METAZOAN PARASITE(S)		
1227	F	2	735	FS	HEART		CARDIOMYOPATHY		
1227	F	2	735	FS	KIDNEY		NEPHROPATHY		
1227	F	2	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1227	F	2	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1227	F	2	735	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1227	F	2	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1228	F	2	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1228	F	2	737	FS	CLITORAL GLAND		INFLAMMATION		
1228	F	2	737	FS	KIDNEY		HYDRONEPHROSIS		
1228	F	2	737	FS	KIDNEY		NEPHROPATHY		
1228	F	2	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1228	F	2	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1228	F	2	737	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1228	F	2	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1229	F	2	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1229	F	2	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1229	F	2	737	FS	KIDNEY		NEPHROPATHY		
1229	F	2	737	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1229	F	2	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	M
1229	F	2	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1229	F	2	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1230	F	2	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1230	F	2	737	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
1230	F	2	737	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1230	F	2	737	FS	PANCREAS		ATROPHY, ACINAR CELL		
1230	F	2	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1230	F	2	737	FS	THYMUS	THY	M-THYMOMA	80	M
1231	F	2	737	FS	HARDERIAN GLAND		HYPERPLASIA, GLANDULAR EPITHELIUM		
1231	F	2	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1231	F	2	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1231	F	2	737	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1231	F	2	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1232	F	2	737	FS	HEART		CARDIOMYOPATHY		
1232	F	2	737	FS	KIDNEY		NEPHROPATHY		
1232	F	2	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
1232	F	2	737	FS	SKIN		ULCER, EPIDERMIS		
1232	F	2	737	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
1232	F	2	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1233	F	2	737	FS	KIDNEY		CYST(S), TUBULAR		
1233	F	2	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1233	F	2	737	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1234	F	2	741	FS	HEART		CARDIOMYOPATHY		
1234	F	2	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1234	F	2	741	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1234	F	2	741	FS	OVARY		CYST(S)		
1234	F	2	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1234	F	2	741	FS	THYMUS	THY	M-THYMOMA	80	M
1234	F	2	741	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1235	F	2	683	U2	HEART		CARDIOMYOPATHY		
1235	F	2	683	U2	KIDNEY		NEPHROPATHY		
1235	F	2	683	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1235	F	2	683	U2	RECTUM		METAZOAN PARASITE(S)		
1235	F	2	683	U2	SALIVARY GLAND		INFLAMMATION		
1235	F	2	683	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1236	F	2	741	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1236	F	2	741	FS	KIDNEY		MINERALIZATION		
1236	F	2	741	FS	KIDNEY		NEPHROPATHY		
1236	F	2	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1236	F	2	741	FS	TONGUE		HYPERPLASIA, MUCOSAL EPITHELIUM		
1237	F	2	741	FS	KIDNEY		NEPHROPATHY		
1237	F	2	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1237	F	2	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1238	F	2	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1238	F	2	741	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1238	F	2	741	FS	HEART		CARDIOMYOPATHY		
1238	F	2	741	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1238	F	2	741	FS	KIDNEY		ATROPHY		
1238	F	2	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1238	F	2	741	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
1238	F	2	741	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1239	F	2	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1239	F	2	741	FS	HEART		CARDIOMYOPATHY		
1239	F	2	741	FS	KIDNEY		INFLAMMATION		
1239	F	2	741	FS	KIDNEY		MINERALIZATION		
1239	F	2	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1239	F	2	741	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1239	F	2	741	FS	NOSE/TURBINATES		INFLAMMATION		
1239	F	2	741	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1240	F	2	741	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1240	F	2	741	FS	HEART		CARDIOMYOPATHY		
1240	F	2	741	FS	KIDNEY		HYDRONEPHROSIS		
1240	F	2	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1240	F	2	741	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1240	F	2	741	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1240	F	2	741	FS	VAGINA	VA	B-LEIOMYOMA	24	M
1241	F	2	499	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1241	F	2	499	U2	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1241	F	2	499	U2	KIDNEY		HYDRONEPHROSIS		
1241	F	2	499	U2	KIDNEY		MINERALIZATION		
1241	F	2	499	U2	MAMMARY GLAND	MA	B-ADENOMA	1	F
1242	F	2	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1242	F	2	741	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1242	F	2	741	FS	HEART		CARDIOMYOPATHY		
1242	F	2	741	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1242	F	2	741	FS	KIDNEY		NEPHROPATHY		
1242	F	2	741	FS	LIVER		HYPERPLASIA, BILE DUCT		
1242	F	2	741	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1242	F	2	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1242	F	2	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1242	F	2	741	FS	SPLEEN		HYPERPLASIA, LYMPHOID		
1243	F	2	672	U1	KIDNEY		HYDRONEPHROSIS		
1243	F	2	672	U1	MAMMARY GLAND	MA	B-ADENOMA	1	F
1244	F	2	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1244	F	2	743	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1244	F	2	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1245	F	2	384	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1245	F	2	384	U2	LIVER		FOCUS, BASOPHILIC CELL		
1245	F	2	384	U2	SKIN	SK	M-CARCINOMA, APOCRINE GLAND	47	F
1245	F	2	384	U2	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	I
1245	F	2	384	U2	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1246	F	2	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1246	F	2	743	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1246	F	2	743	FS	LN-MANDIBULAR		HYPERPLASIA, PLASMA CELL		
1246	F	2	743	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1246	F	2	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1246	F	2	743	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1246	F	2	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1246	F	2	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1246	F	2	743	FS	TONGUE		HYPERPLASIA, MUCOSAL EPITHELIUM		
1247	F	2	715	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1247	F	2	715	U2	BRAIN	BR	M-OLIGODENDROGLIOMA	70	F
1247	F	2	715	U2	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1247	F	2	715	U2	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
1248	F	2	743	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1248	F	2	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1248	F	2	743	FS	LIVER		FOCUS, EOSINOPHILIC		
1248	F	2	743	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1248	F	2	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1248	F	2	743	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1248	F	2	743	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1248	F	2	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1249	F	2	672	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1249	F	2	672	U2	HARDERIAN GLAND		HYPERPLASIA, GLANDULAR EPITHELIUM		
1249	F	2	672	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1249	F	2	672	U2	UTERUS		HEMORRHAGE		
1249	F	2	672	U2	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		
1250	F	2	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1250	F	2	743	FS	CLITORAL GLAND		INFLAMMATION		
1250	F	2	743	FS	KIDNEY		CYST(S), TUBULAR		
1250	F	2	743	FS	LIVER		LIPIDOSIS, FOCAL		
1250	F	2	743	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1250	F	2	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1250	F	2	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1251	F	2	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1251	F	2	743	FS	LUNG		INFLAMMATION		
1252	F	2	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1252	F	2	745	FS	KIDNEY		NEPHROPATHY		
1252	F	2	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1253	F	2	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
1253	F	2	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1253	F	2	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1254	F	2	745	FS	KIDNEY		NEPHROPATHY		
1254	F	2	745	FS	LUNG		FIBROSIS, INTERSTITIAL		
1255	F	2	745	FS	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1255	F	2	745	FS	KIDNEY		INFLAMMATION		
1255	F	2	745	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1255	F	2	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1256	F	2	745	FS	HEART		CARDIOMYOPATHY		
1256	F	2	745	FS	KIDNEY		NEPHROPATHY		
1256	F	2	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1256	F	2	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1256	F	2	745	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1257	F	2	647	U1	LN-MEDIASTINAL	LNMED	M-HISTIOCYTIC SARCOMA	63	I
1257	F	2	647	U1	LN-MESENTERIC	LNMES	M-HISTIOCYTIC SARCOMA	63	I
1257	F	2	647	U1	MAMMARY GLAND	MA	F-LYMPHOMA	38	I
1257	F	2	647	U1	MESENTERY	ME	M-HISTIOCYTIC SARCOMA	63	I
1257	F	2	647	U1	SKELETAL MUSCLE	SM	M-RHABDOMYOSARCOMA	75	F
1258	F	2	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1258	F	2	745	FS	HEART		CARDIOMYOPATHY		
1258	F	2	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
1258	F	2	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1259	F	2	720	U2	BONE	BO	M-OSTEOSARCOMA	71	F
1259	F	2	720	U2	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1259	F	2	720	U2	KIDNEY		INFLAMMATION		
1259	F	2	720	U2	OVARY		CYST(S)		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1259	F	2	720	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1259	F	2	720	U2	URINARY BLADDER		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1259	F	2	720	U2	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1260	F	2	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1260	F	2	745	FS	HEART		CARDIOMYOPATHY		
1260	F	2	745	FS	KIDNEY		NEPHROPATHY		
1260	F	2	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
1260	F	2	745	FS	LIVER		FOCUS, CLEAR CELL		
1260	F	2	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1260	F	2	745	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
1321	F	3	703	U1	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1321	F	3	703	U1	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1321	F	3	703	U1	HEART		CARDIOMYOPATHY		
1321	F	3	703	U1	KIDNEY		NEPHROPATHY		
1321	F	3	703	U1	LIVER		FOCUS, BASOPHILIC CELL		
1321	F	3	703	U1	LIVER		HYPERPLASIA, BILE DUCT		
1321	F	3	703	U1	LIVER		INFLAMMATION		
1321	F	3	703	U1	MAMMARY GLAND	MA	B-ADENOMA	1	I
1321	F	3	703	U1	NOSE/TURBINATES		INFLAMMATION		
1321	F	3	703	U1	PANCREAS	PA	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1321	F	3	703	U1	SPLEEN		INFARCT		
1321	F	3	703	U1	STOMACH		INFLAMMATION, GLANDULAR		
1321	F	3	703	U1	UTERUS	UT	M-CARCINOMA	46	F
1321	F	3	703	U1	VAGINA		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1322	F	3	729	FS	HEART		CARDIOMYOPATHY		
1322	F	3	729	FS	KIDNEY		CYST(S), TUBULAR		
1322	F	3	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1322	F	3	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1322	F	3	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1322	F	3	729	FS	RECTUM		METAZOAN PARASITE(S)		
1323	F	3	689	U2	ADRENAL GLAND		DEGENERATION, CYSTIC		
1323	F	3	689	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1323	F	3	689	U2	UTERUS		HEMORRHAGE		
1324	F	3	652	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1324	F	3	652	U2	KIDNEY		NEPHROPATHY		
1324	F	3	652	U2	LIVER		HYPERPLASIA, BILE DUCT		
1324	F	3	652	U2	LIVER		NECROSIS, HEPATOCYTE		
1324	F	3	652	U2	MESENTERY	ME	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1324	F	3	652	U2	PANCREAS	PA	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1324	F	3	652	U2	UTERUS	UT	M-CARCINOMA	46	F
1325	F	3	710	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1325	F	3	710	U2	CLITORAL GLAND		INFLAMMATION		
1325	F	3	710	U2	HEART		CARDIOMYOPATHY		
1325	F	3	710	U2	KIDNEY		HYDRONEPHROSIS		
1325	F	3	710	U2	KIDNEY		NEPHROPATHY		
1325	F	3	710	U2	LUNG		INFLAMMATION		
1325	F	3	710	U2	MAMMARY GLAND	MA	M-CARCINOSARCOMA	59	I
1325	F	3	710	U2	MAMMARY GLAND		HYPERPLASIA		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1325	F	3	710	U2	OVARY		ATROPHY		
1325	F	3	710	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1325	F	3	710	U2	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I
1325	F	3	710	U2	UTERUS		INFLAMMATION		
1326	F	3	631	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1326	F	3	631	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1326	F	3	631	U2	LIVER		FOCUS, BASOPHILIC CELL		
1326	F	3	631	U2	LIVER		FOCUS, CLEAR CELL		
1326	F	3	631	U2	LIVER		HYPERPLASIA, BILE DUCT		
1326	F	3	631	U2	LIVER		LIPIDOSIS, MULTIFOCAL		
1326	F	3	631	U2	MAMMARY GLAND	MA	M-CARCINOMA	42	F
1326	F	3	631	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1326	F	3	631	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1327	F	3	729	FS	KIDNEY		NEPHROPATHY		
1327	F	3	729	FS	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		
1328	F	3	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1328	F	3	729	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
1328	F	3	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1329	F	3	729	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1330	F	3	731	FS	HEART		CARDIOMYOPATHY		
1330	F	3	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1330	F	3	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1330	F	3	731	FS	THYMUS	THY	M-THYMOMA	80	M
1331	F	3	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1331	F	3	731	FS	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		
1332	F	3	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1332	F	3	731	FS	HEART		CARDIOMYOPATHY		
1332	F	3	731	FS	KIDNEY		CYST(S), TUBULAR		
1332	F	3	731	FS	PARATHYROID		HYPERPLASIA		
1332	F	3	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1332	F	3	731	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1333	F	3	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1333	F	3	731	FS	HEART		CARDIOMYOPATHY		
1333	F	3	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1333	F	3	731	FS	LIVER		TELANGIECTASIS		
1334	F	3	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1334	F	3	731	FS	KIDNEY		NEPHROPATHY		
1334	F	3	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1334	F	3	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1335	F	3	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1335	F	3	731	FS	HEART		CARDIOMYOPATHY		
1335	F	3	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1335	F	3	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS INTERMEDIA		
1336	F	3	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1336	F	3	731	FS	CLITORAL GLAND		INFLAMMATION		
1336	F	3	731	FS	HEART		CARDIOMYOPATHY		
1336	F	3	731	FS	KIDNEY		NEPHROPATHY		
1336	F	3	731	FS	LIVER		HYPERPLASIA, BILE DUCT		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1336	F	3	731	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1336	F	3	731	FS	OVARY		CYST(S)		
1336	F	3	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1336	F	3	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1336	F	3	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1337	F	3	553	U2	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1337	F	3	553	U2	MAMMARY GLAND	MA	B-ADENOMA	1	I
1337	F	3	553	U2	MAMMARY GLAND		CYST(S), DUCTAL		
1337	F	3	553	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1338	F	3	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1338	F	3	731	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1338	F	3	731	FS	HEART		CARDIOMYOPATHY		
1338	F	3	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1339	F	3	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1339	F	3	735	FS	HEART		CARDIOMYOPATHY		
1339	F	3	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1339	F	3	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1340	F	3	512	U2	KIDNEY		NEPHROPATHY		
1340	F	3	512	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1341	F	3	311	U2	PARATHYROID		HYPERPLASIA		
1341	F	3	311	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1341	F	3	311	U2	SKIN	SK	M-HISTIOCYTIC SARCOMA	63	F
1341	F	3	311	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1341	F	3	311	U2	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1342	F	3	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1342	F	3	735	FS	PANCREAS		ATROPHY, ACINAR CELL		
1342	F	3	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1343	F	3	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1343	F	3	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1343	F	3	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1344	F	3	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1344	F	3	735	FS	HEART		CARDIOMYOPATHY		
1344	F	3	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1344	F	3	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
1344	F	3	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1344	F	3	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1344	F	3	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1344	F	3	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1345	F	3	651	U1	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1345	F	3	651	U1	UTERUS	UT	M-CARCINOMA	46	F
1346	F	3	735	FS	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	M
1346	F	3	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1346	F	3	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1346	F	3	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1347	F	3	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1347	F	3	735	FS	KIDNEY		NEPHROPATHY		
1347	F	3	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1347	F	3	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1347	F	3	735	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1348	F	3	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1348	F	3	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1348	F	3	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1349	F	3	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1349	F	3	737	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1349	F	3	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1349	F	3	737	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
1350	F	3	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS INTERMEDIA		
1350	F	3	737	FS	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		
1351	F	3	737	FS	LIVER		CYST(S), BILE DUCTS		
1351	F	3	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1351	F	3	737	FS	OVARY		CYST(S)		
1351	F	3	737	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1352	F	3	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1352	F	3	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1352	F	3	737	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1353	F	3	737	FS	ADRENAL GLAND		ATROPHY		
1353	F	3	737	FS	KIDNEY		NEPHROPATHY		
1353	F	3	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1354	F	3	741	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1354	F	3	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1354	F	3	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1354	F	3	741	FS	LIVER		HYPERPLASIA, BILE DUCT		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1354	F	3	741	FS	LIVER		HYPERPLASIA, NODULAR, HEPATOCYTE		
1354	F	3	741	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1354	F	3	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1354	F	3	741	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1355	F	3	526	U2	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	I
1355	F	3	526	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1355	F	3	526	U2	LIVER		LIPIDOSIS, DIFFUSE		
1355	F	3	526	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1355	F	3	526	U2	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
1355	F	3	526	U2	STOMACH		INFLAMMATION, NON-GLANDULAR		
1356	F	3	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1356	F	3	741	FS	HEART		CARDIOMYOPATHY		
1356	F	3	741	FS	MAMMARY GLAND	MA	M-CARCINOMA	42	M
1356	F	3	741	FS	OVARY		CYST(S)		
1356	F	3	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1356	F	3	741	FS	UTERUS		INFLAMMATION		
1357	F	3	735	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1357	F	3	735	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1357	F	3	735	U2	KIDNEY		NEPHROPATHY		
1357	F	3	735	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1358	F	3	563	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1358	F	3	563	U2	LIVER		FOCUS, BASOPHILIC CELL		
1358	F	3	563	U2	MAMMARY GLAND	MA	B-ADENOMA	1	F
1359	F	3	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1359	F	3	741	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1359	F	3	741	FS	LIVER		HEPATODIAPHRAGMATIC NODULE (HDN)		
1359	F	3	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1360	F	3	741	FS	CLITORAL GLAND		INFLAMMATION		
1360	F	3	741	FS	HEART		CARDIOMYOPATHY		
1360	F	3	741	FS	KIDNEY		NEPHROPATHY		
1360	F	3	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1360	F	3	741	FS	LUNG		INFLAMMATION		
1361	F	3	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1361	F	3	741	FS	HEART		CARDIOMYOPATHY		
1361	F	3	741	FS	KIDNEY		NEPHROPATHY		
1361	F	3	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1361	F	3	741	FS	SKIN	SK	B-PAPILLOMA, SQUAMOUS CELL	28	M
1362	F	3	741	FS	LIVER		HYPERPLASIA, BILE DUCT		
1362	F	3	741	FS	OVARY		CYST(S)		
1362	F	3	741	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1363	F	3	743	FS	CLITORAL GLAND		INFLAMMATION		
1363	F	3	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1363	F	3	743	FS	LIVER		FOCUS, CLEAR CELL		
1363	F	3	743	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1363	F	3	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1363	F	3	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	M
1363	F	3	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1364	F	3	742	U1	MAMMARY GLAND	MA	B-ADENOMA	1	F

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1364	F	3	742	U1	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1364	F	3	742	U1	SPLEEN		ATROPHY, LYMPHOID		
1364	F	3	742	U1	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	I
1365	F	3	720	U2	ADRENAL GLAND		DEGENERATION, CYSTIC		
1365	F	3	720	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1365	F	3	720	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1365	F	3	720	U2	SKIN	SK	M-CARCINOMA, SQUAMOUS CELL	57	F
1366	F	3	680	U2	HEART		CARDIOMYOPATHY		
1366	F	3	680	U2	LIVER		FOCUS, BASOPHILIC CELL		
1366	F	3	680	U2	LIVER		HYPERPLASIA, BILE DUCT		
1366	F	3	680	U2	MAMMARY GLAND		CYST(S), DUCTAL		
1366	F	3	680	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1366	F	3	680	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1366	F	3	680	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1367	F	3	743	FS	OVARY		CYST(S)		
1367	F	3	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1367	F	3	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1367	F	3	743	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1368	F	3	743	FS	LIVER		CYST(S), BILE DUCTS		
1368	F	3	743	FS	LUNG	LU	M-CARCINOMA, METASTATIC (UTERUS)	54	M
1368	F	3	743	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1368	F	3	743	FS	OVARY		CYST(S)		
1368	F	3	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1368	F	3	743	FS	THYROID GLAND	THG	M-CARCINOMA, FOLLICULAR CELL	52	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1368	F	3	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1368	F	3	743	FS	UTERUS	UT	M-CARCINOMA	46	M
1369	F	3	743	FS	CLITORAL GLAND		INFLAMMATION		
1369	F	3	743	FS	HEART		CARDIOMYOPATHY		
1369	F	3	743	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1369	F	3	743	FS	OVARY	OV	B-GRANULOSA CELL TUMOR	20	M
1369	F	3	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1369	F	3	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1370	F	3	743	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1370	F	3	743	FS	LIVER		FOCUS, CLEAR CELL		
1370	F	3	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1370	F	3	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1370	F	3	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1371	F	3	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1371	F	3	743	FS	CLITORAL GLAND		CYSTIC DUCT		
1371	F	3	743	FS	KIDNEY		INFLAMMATION		
1371	F	3	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1371	F	3	743	FS	OVARY		CYST(S)		
1371	F	3	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1371	F	3	743	FS	UTERUS	UT	M-CARCINOMA	46	M
1372	F	3	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
1372	F	3	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1373	F	3	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1373	F	3	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1373	F	3	745	FS	KIDNEY		INFARCT, CHRONIC		
1373	F	3	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1374	F	3	745	FS	HEART		CARDIOMYOPATHY		
1374	F	3	745	FS	PARATHYROID		FIBROSIS		
1374	F	3	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1374	F	3	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1375	F	3	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1375	F	3	745	FS	UTERUS		DYSPLASIA, SMOOTH MUSCLE		
1376	F	3	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
1376	F	3	745	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1376	F	3	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1376	F	3	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1377	F	3	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
1377	F	3	745	FS	LIVER		FOCUS, EOSINOPHILIC		
1377	F	3	745	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1377	F	3	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1377	F	3	745	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1378	F	3	652	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1379	F	3	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1379	F	3	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
1379	F	3	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1379	F	3	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1379	F	3	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1379	F	3	745	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1380	F	3	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1380	F	3	745	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1421	F	4	729	FS	HEART		CARDIOMYOPATHY		
1421	F	4	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
1421	F	4	729	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1421	F	4	729	FS	OVARY		CYST(S)		
1421	F	4	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1422	F	4	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1422	F	4	729	FS	PANCREAS		ATROPHY, ACINAR CELL		
1422	F	4	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1422	F	4	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1423	F	4	693	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1423	F	4	693	U2	HEART	HT	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (HEART)	81	I
1423	F	4	693	U2	KIDNEY	K	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (KIDNEY)	82	I
1423	F	4	693	U2	KIDNEY		HYDRONEPHROSIS		
1423	F	4	693	U2	KIDNEY		NEPHROPATHY		
1423	F	4	693	U2	LIVER	LI	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LIVER)	83	I
1423	F	4	693	U2	LIVER		HYPERPLASIA, BILE DUCT		
1423	F	4	693	U2	LN-MEDIASTINAL	LNMED	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-MEDIASTINAL)	85	I
1423	F	4	693	U2	LN-MESENTERIC	LNMES	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-MESENTERIC)	86	I
1423	F	4	693	U2	LN-OTHER	LNO	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LN-OTHER)	87	I
1423	F	4	693	U2	LUNG	LU	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (LUNG)	84	I

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1423	F	4	693	U2	MESENTERY	ME	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (MESENTERY)	88	I
1423	F	4	693	U2	PANCREAS	PA	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (PANCREAS)	89	I
1423	F	4	693	U2	PANCREAS		ATROPHY, ACINAR CELL		
1423	F	4	693	U2	SPLEEN	SP	M-TRANSITIONAL CELL CARCINOMA, METASTATIC (SPLEEN)	90	I
1423	F	4	693	U2	URINARY BLADDER	UB	M-CARCINOMA, TRANSITIONAL CELL	58	F
1423	F	4	693	U2	UTERUS	UT	M-CARCINOMA	46	I
1423	F	4	693	U2	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1424	F	4	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1424	F	4	729	FS	HEART		CARDIOMYOPATHY		
1424	F	4	729	FS	KIDNEY		NEPHROPATHY		
1424	F	4	729	FS	OVARY		CYST(S)		
1424	F	4	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1424	F	4	729	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1425	F	4	729	FS	KIDNEY		NEPHROPATHY		
1425	F	4	729	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1425	F	4	729	FS	UTERUS	UT	M-CARCINOMA	46	M
1426	F	4	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1426	F	4	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1426	F	4	729	FS	HARDERIAN GLAND		HYPERPLASIA, GLANDULAR EPITHELIUM		
1426	F	4	729	FS	HEART		CARDIOMYOPATHY		
1426	F	4	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1426	F	4	729	FS	LUNG		INFLAMMATION		
1426	F	4	729	FS	OVARY		CYST(S)		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1426	F	4	729	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
1427	F	4	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1427	F	4	729	FS	HEART		CARDIOMYOPATHY		
1427	F	4	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1428	F	4	729	FS	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	M
1428	F	4	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1428	F	4	729	FS	KIDNEY		NEPHROPATHY		
1428	F	4	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1428	F	4	729	FS	RECTUM		METAZOAN PARASITE(S)		
1428	F	4	729	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1429	F	4	532	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1429	F	4	532	U2	LIVER		LIPIDOSIS, DIFFUSE		
1429	F	4	532	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1429	F	4	532	U2	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
1429	F	4	532	U2	STOMACH		ULCER, NON-GLANDULAR		
1429	F	4	532	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1430	F	4	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1430	F	4	731	FS	KIDNEY		NEPHROPATHY		
1430	F	4	731	FS	LIVER		LIPIDOSIS, FOCAL		
1430	F	4	731	FS	OVARY		CYST(S)		
1430	F	4	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1430	F	4	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1431	F	4	731	FS	HEART		CARDIOMYOPATHY		
1431	F	4	731	FS	HEART		HYPERPLASIA, ENDOTHELIUM		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1431	F	4	731	FS	KIDNEY		NEPHROPATHY		
1431	F	4	731	FS	PANCREAS		ATROPHY, ACINAR CELL		
1431	F	4	731	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
1431	F	4	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1432	F	4	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1432	F	4	731	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1432	F	4	731	FS	HEART		CARDIOMYOPATHY		
1432	F	4	731	FS	KIDNEY		NEPHROPATHY		
1432	F	4	731	FS	OVARY		CYST(S)		
1432	F	4	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1432	F	4	731	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
1433	F	4	637	U1	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1434	F	4	731	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1434	F	4	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1434	F	4	731	FS	HEART		CARDIOMYOPATHY		
1434	F	4	731	FS	KIDNEY		NEPHROPATHY		
1434	F	4	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1435	F	4	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1435	F	4	731	FS	KIDNEY		NEPHROPATHY		
1435	F	4	731	FS	OVARY		CYST(S)		
1435	F	4	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1435	F	4	731	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1435	F	4	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1436	F	4	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1436	F	4	731	FS	HEART		CARDIOMYOPATHY		
1436	F	4	731	FS	KIDNEY		NEPHROPATHY		
1436	F	4	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1436	F	4	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1437	F	4	331	U1	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1438	F	4	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1438	F	4	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1438	F	4	731	FS	KIDNEY		NEPHROPATHY		
1438	F	4	731	FS	LIVER		DILATATION, BILE DUCT		
1438	F	4	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1438	F	4	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1438	F	4	731	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1439	F	4	682	U2	ADRENAL GLAND		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1439	F	4	682	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1439	F	4	682	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1439	F	4	682	U2	KIDNEY		NEPHROPATHY		
1439	F	4	682	U2	LIVER		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1439	F	4	682	U2	LIVER		INFLAMMATION		
1439	F	4	682	U2	LN-MESENTERIC	LNMES	M-LEIOMYOSARCOMA, METASTATIC (STOMACH)	65	I
1439	F	4	682	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1439	F	4	682	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1439	F	4	682	U2	STOMACH	ST	M-LEIOMYOSARCOMA	64	F
1439	F	4	682	U2	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I
1439	F	4	682	U2	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	I

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1439	F	4	682	U2	ZYMBAL'S GLAND		HYPERPLASIA		
1440	F	4	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1440	F	4	735	FS	HEART		CARDIOMYOPATHY		
1440	F	4	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1440	F	4	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1440	F	4	735	FS	PANCREAS		HYPERPLASIA, ACINAR CELL		
1440	F	4	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1441	F	4	434	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1441	F	4	434	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1441	F	4	434	U2	KIDNEY		NEPHROPATHY		
1441	F	4	434	U2	LIVER		LIPIDOSIS, DIFFUSE		
1441	F	4	434	U2	LUNG		INFLAMMATION		
1441	F	4	434	U2	MAMMARY GLAND	MA	B-ADENOMA	1	I
1441	F	4	434	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1442	F	4	609	U2	MAMMARY GLAND	MA	B-ADENOMA	1	I
1442	F	4	609	U2	ORAL MUCOSA	OC	M-CARCINOMA, SQUAMOUS CELL	57	F
1443	F	4	735	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1443	F	4	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1443	F	4	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
1443	F	4	735	FS	LIVER		INFLAMMATION		
1443	F	4	735	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1443	F	4	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1443	F	4	735	FS	RECTUM		METAZOAN PARASITE(S)		
1444	F	4	631	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1444	F	4	631	U2	CLITORAL GLAND		INFLAMMATION		
1444	F	4	631	U2	MAMMARY GLAND	MA	B-ADENOMA	1	F
1445	F	4	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1445	F	4	735	FS	HEART	HT	B-SCHWANNOMA, ENDOCARDIAL	33	M
1445	F	4	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1446	F	4	735	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1446	F	4	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1446	F	4	735	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1446	F	4	735	FS	OVARY		CYST(S)		
1446	F	4	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1446	F	4	735	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1446	F	4	735	FS	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		
1447	F	4	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1447	F	4	735	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1447	F	4	735	FS	KIDNEY		NEPHROPATHY		
1447	F	4	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1447	F	4	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
1447	F	4	735	FS	OVARY		CYST(S)		
1447	F	4	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1448	F	4	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1448	F	4	737	FS	KIDNEY		NEPHROPATHY		
1448	F	4	737	FS	LIVER		DILATATION, BILE DUCT		
1448	F	4	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
1448	F	4	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1448	F	4	737	FS	OVARY		CYST(S)		
1448	F	4	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1448	F	4	737	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
1449	F	4	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1449	F	4	737	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1450	F	4	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1450	F	4	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1450	F	4	737	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1450	F	4	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1450	F	4	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1450	F	4	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1451	F	4	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1451	F	4	737	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1451	F	4	737	FS	KIDNEY		NEPHROPATHY		
1451	F	4	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1451	F	4	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
1451	F	4	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1451	F	4	737	FS	LUNG		INFLAMMATION		
1451	F	4	737	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1451	F	4	737	FS	OVARY		CYST(S)		
1451	F	4	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1452	F	4	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1452	F	4	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1452	F	4	737	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1452	F	4	737	FS	KIDNEY		NEPHROPATHY		
1452	F	4	737	FS	LIVER		INFLAMMATION		
1452	F	4	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1452	F	4	737	FS	SKELETAL MUSCLE		INFLAMMATION		
1452	F	4	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1453	F	4	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1453	F	4	737	FS	HEART		CARDIOMYOPATHY		
1453	F	4	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1454	F	4	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1454	F	4	741	FS	HEART		CARDIOMYOPATHY		
1454	F	4	741	FS	OVARY		CYST(S)		
1454	F	4	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1454	F	4	741	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1455	F	4	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1455	F	4	741	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1455	F	4	741	FS	OVARY		CYST(S)		
1455	F	4	741	FS	PANCREAS		ATROPHY, ACINAR CELL		
1455	F	4	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1455	F	4	741	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1456	F	4	689	U2	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	F
1457	F	4	475	U2	KIDNEY		NEPHROPATHY		
1457	F	4	475	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1457	F	4	475	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1457	F	4	475	U2	VAGINA	VA	B-POLYP	30	F

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1457	F	4	475	U2	VAGINA		PROLAPSE		
1458	F	4	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1458	F	4	741	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1458	F	4	741	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1458	F	4	741	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1458	F	4	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1458	F	4	741	FS	LIVER		HYPERPLASIA, BILE DUCT		
1458	F	4	741	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1458	F	4	741	FS	OVARY		CYST(S)		
1458	F	4	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1459	F	4	720	U2	ADRENAL GLAND		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1459	F	4	720	U2	KIDNEY		NEPHROPATHY		
1459	F	4	720	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1459	F	4	720	U2	SKIN	SK	M-FIBROSARCOMA	61	F
1459	F	4	720	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1460	F	4	448	U2	KIDNEY		NEPHROPATHY		
1460	F	4	448	U2	MAMMARY GLAND	MA	B-ADENOMA	1	F
1460	F	4	448	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1461	F	4	546	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1461	F	4	546	U2	LIVER		HYPERPLASIA, BILE DUCT		
1461	F	4	546	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1461	F	4	546	U2	SPLEEN		ATROPHY, LYMPHOID		
1462	F	4	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1462	F	4	741	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1462	F	4	741	FS	CLITORAL GLAND		CYSTIC DUCT		
1462	F	4	741	FS	HARDERIAN GLAND		INFLAMMATION		
1462	F	4	741	FS	KIDNEY		HYDRONEPHROSIS		
1462	F	4	741	FS	KIDNEY		NEPHROPATHY		
1462	F	4	741	FS	LN-MANDIBULAR		HYPERPLASIA, PLASMA CELL		
1462	F	4	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1462	F	4	741	FS	LUNG		DYSPLASIA, BRONCHIOLAR		
1462	F	4	741	FS	NOSE/TURBINATES		INFLAMMATION		
1462	F	4	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1462	F	4	741	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1463	F	4	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1463	F	4	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1463	F	4	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1463	F	4	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1463	F	4	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1464	F	4	743	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1464	F	4	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1464	F	4	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1464	F	4	743	FS	KIDNEY		NEPHROPATHY		
1464	F	4	743	FS	OVARY		CYST(S)		
1464	F	4	743	FS	SKIN	SK	B-FIBROMA	15	M
1465	F	4	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1465	F	4	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1465	F	4	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1466	F	4	609	U2	LIVER		CYST(S), BILE DUCTS		
1466	F	4	609	U2	OVARY		CYST(S)		
1466	F	4	609	U2	PANCREAS		ATROPHY, ACINAR CELL		
1466	F	4	609	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1466	F	4	609	U2	VAGINA	VA	B-POLYP	30	F
1467	F	4	664	U1	NOSE/TURBINATES		INFLAMMATION		
1467	F	4	664	U1	OVARY		INFLAMMATION		
1467	F	4	664	U1	PHARYNX		INFLAMMATION		
1467	F	4	664	U1	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1467	F	4	664	U1	UTERUS	UT	M-SARCOMA, STROMAL	77	F
1468	F	4	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1468	F	4	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1469	F	4	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1469	F	4	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1469	F	4	743	FS	HEART		CARDIOMYOPATHY		
1469	F	4	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1470	F	4	731	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1470	F	4	731	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1470	F	4	731	U2	ADRENAL GLAND		INFARCT		
1470	F	4	731	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1470	F	4	731	U2	MAMMARY GLAND	MA	M-CARCINOMA	42	I
1470	F	4	731	U2	PARATHYROID		FIBROSIS		
1470	F	4	731	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1471	F	4	598	U1	UTERUS	UT	M-CARCINOMA	46	F

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1472	F	4	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1472	F	4	745	FS	HEART		CARDIOMYOPATHY		
1472	F	4	745	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
1473	F	4	745	FS	HEART		CARDIOMYOPATHY		
1473	F	4	745	FS	KIDNEY		HYDRONEPHROSIS		
1473	F	4	745	FS	KIDNEY		NEPHROPATHY		
1473	F	4	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
1473	F	4	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1473	F	4	745	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1474	F	4	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1474	F	4	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1474	F	4	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1475	F	4	745	FS	HEART		CARDIOMYOPATHY		
1475	F	4	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1475	F	4	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1475	F	4	745	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1475	F	4	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1475	F	4	745	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1475	F	4	745	FS	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		
1476	F	4	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
1476	F	4	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1476	F	4	745	FS	STERNUM	STE	M-OSTEOSARCOMA	71	M
1477	F	4	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1477	F	4	745	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1477	F	4	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1477	F	4	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1477	F	4	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1478	F	4	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1478	F	4	745	FS	LIVER		LIPIDOSIS, FOCAL		
1478	F	4	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1478	F	4	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1479	F	4	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1479	F	4	745	FS	HEART		CARDIOMYOPATHY		
1479	F	4	745	FS	KIDNEY		INFLAMMATION		
1479	F	4	745	FS	KIDNEY		NEPHROPATHY		
1479	F	4	745	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1479	F	4	745	FS	OVARY		CYST(S)		
1479	F	4	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1480	F	4	598	U2	OVARY		CYST(S)		
1480	F	4	598	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1480	F	4	598	U2	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	I
1480	F	4	598	U2	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1521	F	5	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1521	F	5	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1521	F	5	729	FS	BRAIN	BR	B-GRANULAR CELL TUMOR	19	M
1521	F	5	729	FS	HEART		CARDIOMYOPATHY		
1521	F	5	729	FS	KIDNEY		NEPHROPATHY		
1521	F	5	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1521	F	5	729	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1521	F	5	729	FS	UTERUS		THROMBOSIS		
1522	F	5	729	FS	OVARY	OV	B-THECOMA	36	M
1522	F	5	729	FS	OVARY		CYST(S)		
1523	F	5	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1523	F	5	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1523	F	5	729	FS	ADRENAL GLAND		THROMBOSIS		
1523	F	5	729	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1523	F	5	729	FS	UTERUS		INFLAMMATION		
1524	F	5	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1524	F	5	729	FS	HEART		CARDIOMYOPATHY		
1524	F	5	729	FS	KIDNEY		NEPHROPATHY		
1524	F	5	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
1524	F	5	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1525	F	5	729	FS	HEART		CARDIOMYOPATHY		
1525	F	5	729	FS	KIDNEY		NEPHROPATHY		
1525	F	5	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1525	F	5	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1525	F	5	729	FS	OVARY		CYST(S)		
1525	F	5	729	FS	UTERUS	UT	M-CARCINOMA	46	M
1526	F	5	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1526	F	5	729	FS	OVARY		CYST(S)		
1526	F	5	729	FS	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		
1527	F	5	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1527	F	5	729	FS	LUNG		INFLAMMATION		
1527	F	5	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1527	F	5	729	FS	SKIN		HYPERPLASIA, EPIDERMIS		
1527	F	5	729	FS	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
1528	F	5	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
1528	F	5	729	FS	PANCREAS		ATROPHY, ACINAR CELL		
1528	F	5	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1528	F	5	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1529	F	5	729	FS	KIDNEY		NEPHROPATHY		
1529	F	5	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1529	F	5	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1529	F	5	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1530	F	5	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1530	F	5	731	FS	HEART		CARDIOMYOPATHY		
1530	F	5	731	FS	KIDNEY		NEPHROPATHY		
1530	F	5	731	FS	LIVER		INFLAMMATION		
1530	F	5	731	FS	LUNG	LU	M-CARCINOMA, METASTATIC (UTERUS)	54	M
1530	F	5	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1530	F	5	731	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1530	F	5	731	FS	UTERUS	UT	M-CARCINOMA	46	M
1530	F	5	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1531	F	5	693	U1					
1532	F	5	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1532	F	5	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1532	F	5	731	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1533	F	5	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1533	F	5	731	FS	HEART		CARDIOMYOPATHY		
1533	F	5	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1533	F	5	731	FS	OVARY		CYST(S)		
1533	F	5	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1534	F	5	546	U1	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1534	F	5	546	U1	HEART		CARDIOMYOPATHY		
1534	F	5	546	U1	KIDNEY		NEPHROPATHY		
1534	F	5	546	U1	LIVER		HYPERPLASIA, BILE DUCT		
1534	F	5	546	U1	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1534	F	5	546	U1	PHARYNX		HYPERPLASIA, MUCOSAL EPITHELIUM		
1534	F	5	546	U1	PHARYNX		INFLAMMATION		
1534	F	5	546	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1534	F	5	546	U1	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	I
1534	F	5	546	U1	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
1535	F	5	731	FS	HEART		CARDIOMYOPATHY		
1535	F	5	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1535	F	5	731	FS	OVARY		CYST(S)		
1535	F	5	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1536	F	5	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1536	F	5	731	FS	ADRENAL GLAND		THROMBOSIS		
1536	F	5	731	FS	CLITORAL GLAND		INFLAMMATION		
1536	F	5	731	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1536	F	5	731	FS	KIDNEY		NEPHROPATHY		
1536	F	5	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1536	F	5	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1536	F	5	731	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1536	F	5	731	FS	MESENTERY	ME	M-MESOTHELIOMA	69	M
1536	F	5	731	FS	OVARY	OV	M-MESOTHELIOMA	69	M
1536	F	5	731	FS	OVARY		CYST(S)		
1536	F	5	731	FS	PANCREAS		ATROPHY, ACINAR CELL		
1537	F	5	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1537	F	5	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1537	F	5	731	FS	MAMMARY GLAND	MA	M-CARCINOMA	42	M
1537	F	5	731	FS	MAMMARY GLAND		INFLAMMATION		
1537	F	5	731	FS	OVARY		CYST(S)		
1537	F	5	731	FS	PANCREAS		ATROPHY, ACINAR CELL		
1537	F	5	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1537	F	5	731	FS	SALIVARY GLAND		INFLAMMATION		
1537	F	5	731	FS	SKIN		ULCER, EPIDERMIS		
1537	F	5	731	FS	VAGINA	VA	M-CARCINOMA, SQUAMOUS CELL	57	M
1538	F	5	574	U2	LIVER		HYPERPLASIA, BILE DUCT		
1538	F	5	574	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1538	F	5	574	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1538	F	5	574	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1538	F	5	574	U2	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	F
1539	F	5	665	U1	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1539	F	5	665	U1	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1539	F	5	665	U1	HEART		CARDIOMYOPATHY		
1539	F	5	665	U1	LIVER		HYPERPLASIA, BILE DUCT		
1539	F	5	665	U1	LIVER		THROMBOSIS		
1539	F	5	665	U1	LUNG	LU	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1539	F	5	665	U1	MESENTERY	ME	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1539	F	5	665	U1	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1539	F	5	665	U1	URINARY BLADDER	UB	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1539	F	5	665	U1	UTERUS	UT	M-CARCINOMA	46	F
1539	F	5	665	U1	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1540	F	5	735	FS	HEART		CARDIOMYOPATHY		
1540	F	5	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1540	F	5	735	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1540	F	5	735	FS	OVARY		CYST(S)		
1540	F	5	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1540	F	5	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1541	F	5	735	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1541	F	5	735	FS	HEART		CARDIOMYOPATHY		
1541	F	5	735	FS	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1541	F	5	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1541	F	5	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1541	F	5	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1541	F	5	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS INTERMEDIA		
1541	F	5	735	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1541	F	5	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1542	F	5	735	FS	HEART		CARDIOMYOPATHY		
1542	F	5	735	FS	KIDNEY		NEPHROPATHY		
1542	F	5	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1542	F	5	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1543	F	5	735	FS	HEART		CARDIOMYOPATHY		
1543	F	5	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1544	F	5	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1544	F	5	735	FS	PANCREAS		ATROPHY, ACINAR CELL		
1544	F	5	735	FS	SKIN	SK	M-CARCINOMA, BASAL CELL	48	M
1545	F	5	735	FS	COLON		METAZOAN PARASITE, LUMEN		
1545	F	5	735	FS	LIVER		FOCUS, MIXED CELL		
1545	F	5	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1545	F	5	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1546	F	5	735	FS	HEART		CARDIOMYOPATHY		
1546	F	5	735	FS	KIDNEY		NEPHROPATHY		
1546	F	5	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1547	F	5	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1547	F	5	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1547	F	5	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1547	F	5	735	FS	LIVER		DILATATION, BILE DUCT		
1547	F	5	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1548	F	5	720	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1548	F	5	720	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1548	F	5	720	U2	MAMMARY GLAND	MA	B-ADENOMA	1	I
1548	F	5	720	U2	MAMMARY GLAND	MA	M-CARCINOMA	42	F
1548	F	5	720	U2	OVARY		CYST(S)		
1548	F	5	720	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	I
1548	F	5	720	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1548	F	5	720	U2	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I
1549	F	5	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1549	F	5	737	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1549	F	5	737	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1549	F	5	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1550	F	5	548	U2	KIDNEY	K	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1550	F	5	548	U2	LN-MEDIASTINAL	LNMED	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1550	F	5	548	U2	LUNG	LU	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1550	F	5	548	U2	PANCREAS	PA	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1550	F	5	548	U2	SKELETAL MUSCLE	SM	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1550	F	5	548	U2	UTERUS	UT	M-CARCINOMA	46	F
1550	F	5	548	U2	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1551	F	5	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1552	F	5	490	U2	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1552	F	5	490	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1552	F	5	490	U2	VAGINA	VA	B-POLYP	30	F
1553	F	5	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1554	F	5	741	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1554	F	5	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1554	F	5	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1554	F	5	741	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
1554	F	5	741	FS	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		
1555	F	5	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1555	F	5	741	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1555	F	5	741	FS	HEART		CARDIOMYOPATHY		
1555	F	5	741	FS	KIDNEY		HYDRONEPHROSIS		
1555	F	5	741	FS	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1555	F	5	741	FS	KIDNEY		NEPHROPATHY		
1555	F	5	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1555	F	5	741	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1555	F	5	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1555	F	5	741	FS	PANCREAS		ATROPHY, ACINAR CELL		
1555	F	5	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1555	F	5	741	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1556	F	5	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1556	F	5	741	FS	UTERUS	UT	M-CARCINOMA	46	M
1557	F	5	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1557	F	5	741	FS	HEART		CARDIOMYOPATHY		
1557	F	5	741	FS	LIVER		FOCUS, MIXED CELL		
1557	F	5	741	FS	LIVER		LIPIDOSIS, FOCAL		
1557	F	5	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1557	F	5	741	FS	MAMMARY GLAND	MA	M-CARCINOMA	42	M
1557	F	5	741	FS	OVARY		CYST(S)		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1557	F	5	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1557	F	5	741	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1558	F	5	741	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1558	F	5	741	FS	CLITORAL GLAND		INFLAMMATION		
1558	F	5	741	FS	LUNG		INFLAMMATION		
1558	F	5	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1558	F	5	741	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1559	F	5	532	U2	BRAIN	BR	M-MEDULLOBLASTOMA	68	F
1559	F	5	532	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1560	F	5	532	U2	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1560	F	5	532	U2	HEART		CARDIOMYOPATHY		
1560	F	5	532	U2	KIDNEY		NEPHROPATHY		
1560	F	5	532	U2	MAMMARY GLAND	MA	M-CARCINOMA	42	F
1560	F	5	532	U2	PANCREAS		ATROPHY, ACINAR CELL		
1560	F	5	532	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1561	F	5	741	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1561	F	5	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1561	F	5	741	FS	UTERUS	UT	M-CARCINOMA	46	M
1562	F	5	741	FS	OVARY		CYST(S)		
1562	F	5	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1563	F	5	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1563	F	5	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1563	F	5	743	FS	OVARY		CYST(S)		
1563	F	5	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1564	F	5	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1564	F	5	743	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1564	F	5	743	FS	MAMMARY GLAND		HYPERPLASIA		
1564	F	5	743	FS	OVARY		CYST(S)		
1564	F	5	743	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1565	F	5	451	U2	KIDNEY		INFLAMMATION		
1565	F	5	451	U2	LIVER		FOCUS, BASOPHILIC CELL		
1565	F	5	451	U2	LIVER		HYPERPLASIA, BILE DUCT		
1565	F	5	451	U2	MAMMARY GLAND		CYST(S), DUCTAL		
1565	F	5	451	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1566	F	5	743	FS	KIDNEY		NEPHROPATHY		
1566	F	5	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1566	F	5	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1566	F	5	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1567	F	5	743	FS	HEART		CARDIOMYOPATHY		
1567	F	5	743	FS	KIDNEY		NEPHROPATHY		
1567	F	5	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1567	F	5	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1567	F	5	743	FS	STOMACH	ST	B-FIBROPAPILLOMA	16	M
1567	F	5	743	FS	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
1567	F	5	743	FS	STOMACH		INFLAMMATION, NON-GLANDULAR		
1567	F	5	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1568	F	5	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1568	F	5	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1568	F	5	743	FS	LIVER		DILATATION, BILE DUCT		
1568	F	5	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1569	F	5	743	FS	KIDNEY		NEPHROPATHY		
1569	F	5	743	FS	OVARY	OV	B-GRANULOSA CELL TUMOR	20	M
1569	F	5	743	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1570	F	5	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1570	F	5	743	FS	CLITORAL GLAND	CL	M-CARCINOMA	40	M
1570	F	5	743	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1570	F	5	743	FS	NOSE/TURBINATES		INFLAMMATION		
1570	F	5	743	FS	OVARY		CYST(S)		
1570	F	5	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1571	F	5	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1571	F	5	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1571	F	5	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1571	F	5	743	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1572	F	5	745	FS	CLITORAL GLAND		INFLAMMATION		
1572	F	5	745	FS	HEART		CARDIOMYOPATHY		
1572	F	5	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
1572	F	5	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1572	F	5	745	FS	OVARY		CYST(S)		
1572	F	5	745	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1573	F	5	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1573	F	5	745	FS	OVARY		CYST(S)		
1573	F	5	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1573	F	5	745	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1574	F	5	451	U2	BRAIN	BR	M-ASTROCYTOMA	39	F
1574	F	5	451	U2	LIVER		FOCUS, BASOPHILIC CELL		
1575	F	5	651	U1	HEART		CARDIOMYOPATHY		
1575	F	5	651	U1	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1575	F	5	651	U1	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1576	F	5	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1576	F	5	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1576	F	5	745	FS	HEART		CARDIOMYOPATHY		
1576	F	5	745	FS	MAMMARY GLAND		HYPERPLASIA		
1576	F	5	745	FS	OVARY		CYST(S)		
1576	F	5	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1577	F	5	693	U1	CLITORAL GLAND		INFLAMMATION		
1577	F	5	693	U1	HEART		CARDIOMYOPATHY		
1577	F	5	693	U1	KIDNEY		HYDRONEPHROSIS		
1577	F	5	693	U1	MESENTERY	ME	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1577	F	5	693	U1	UTERUS	UT	M-CARCINOMA	46	F
1578	F	5	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1578	F	5	745	FS	LIVER		CYST(S), BILE DUCTS		
1579	F	5	745	FS	HEART		CARDIOMYOPATHY		
1579	F	5	745	FS	OVARY		CYST(S)		
1579	F	5	745	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1579	F	5	745	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1580	F	5	745	FS					

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1621	F	6	729	FS	KIDNEY		NEPHROPATHY		
1621	F	6	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1621	F	6	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1621	F	6	729	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1621	F	6	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1621	F	6	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1621	F	6	729	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
1622	F	6	729	FS	KIDNEY		NEPHROPATHY		
1622	F	6	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1622	F	6	729	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1622	F	6	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1623	F	6	729	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1623	F	6	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1623	F	6	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1623	F	6	729	FS	HEART		CARDIOMYOPATHY		
1623	F	6	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1623	F	6	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1623	F	6	729	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1623	F	6	729	FS	OVARY		CYST(S)		
1623	F	6	729	FS	PANCREAS		ATROPHY, ACINAR CELL		
1623	F	6	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1623	F	6	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1624	F	6	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1624	F	6	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1624	F	6	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1624	F	6	729	FS	HEART		CARDIOMYOPATHY		
1624	F	6	729	FS	KIDNEY		NEPHROPATHY		
1624	F	6	729	FS	LIVER		DILATATION, BILE DUCT		
1624	F	6	729	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1624	F	6	729	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1624	F	6	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1624	F	6	729	FS	RECTUM		METAZOAN PARASITE(S)		
1624	F	6	729	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1625	F	6	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1625	F	6	729	FS	HEART	HT	B-SCHWANNOMA, ENDOCARDIAL	33	M
1625	F	6	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
1625	F	6	729	FS	OVARY		CYST(S)		
1625	F	6	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1625	F	6	729	FS	SKIN		ULCER, EPIDERMIS		
1625	F	6	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1626	F	6	612	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1626	F	6	612	U2	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1626	F	6	612	U2	KIDNEY		NEPHROPATHY		
1626	F	6	612	U2	MAMMARY GLAND	MA	B-ADENOMA	1	I
1626	F	6	612	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1627	F	6	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1627	F	6	729	FS	CLITORAL GLAND		INFLAMMATION		
1627	F	6	729	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1627	F	6	729	FS	KIDNEY		NEPHROPATHY		
1627	F	6	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1627	F	6	729	FS	MAMMARY GLAND		HYPERPLASIA		
1627	F	6	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1627	F	6	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1627	F	6	729	FS	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		
1628	F	6	631	U1	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	I
1628	F	6	631	U1	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1628	F	6	631	U1	LIVER		FOCUS, BASOPHILIC CELL		
1628	F	6	631	U1	MAMMARY GLAND	MA	B-ADENOMA	1	I
1628	F	6	631	U1	MAMMARY GLAND		CYST(S), DUCTAL		
1628	F	6	631	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1628	F	6	631	U1	VAGINA	VA	B-HEMANGIOMA	21	I
1629	F	6	729	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1629	F	6	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1629	F	6	729	FS	LN-MESENTERIC	LNMES	B-HEMANGIOMA	21	M
1630	F	6	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1630	F	6	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1630	F	6	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1630	F	6	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1630	F	6	731	FS	LIVER		LIPIDOSIS, FOCAL		
1630	F	6	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1631	F	6	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1631	F	6	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1632	F	6	731	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1632	F	6	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1633	F	6	612	U2	HEART		CARDIOMYOPATHY		
1633	F	6	612	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1633	F	6	612	U2	VAGINA	VA	M-LEIOMYOSARCOMA	64	F
1634	F	6	675	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1634	F	6	675	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1634	F	6	675	U2	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1634	F	6	675	U2	KIDNEY		NEPHROPATHY		
1634	F	6	675	U2	LN-MESENTERIC	LNMES	B-HEMANGIOMA	21	I
1634	F	6	675	U2	MAMMARY GLAND	MA	B-ADENOMA	1	I
1634	F	6	675	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1634	F	6	675	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1634	F	6	675	U2	SPLEEN		HYPERPLASIA, LYMPHOID		
1634	F	6	675	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1635	F	6	496	U1	HEART		CARDIOMYOPATHY		
1635	F	6	496	U1	LIVER		HYPERPLASIA, BILE DUCT		
1635	F	6	496	U1	LIVER		INFLAMMATION		
1635	F	6	496	U1	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1635	F	6	496	U1	UTERUS	UT	M-SARCOMA, STROMAL	77	F
1636	F	6	731	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1636	F	6	731	FS	HEART		CARDIOMYOPATHY		
1636	F	6	731	FS	KIDNEY		NEPHROPATHY		
1636	F	6	731	FS	LIVER		FOCUS, BASOPHILIC CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1636	F	6	731	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1636	F	6	731	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1636	F	6	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1636	F	6	731	FS	RECTUM		METAZOAN PARASITE(S)		
1636	F	6	731	FS	SKIN		ULCER, EPIDERMIS		
1636	F	6	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1637	F	6	731	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1637	F	6	731	FS	HEART		CARDIOMYOPATHY		
1637	F	6	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1637	F	6	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1637	F	6	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1637	F	6	731	FS	LUNG		INFLAMMATION		
1637	F	6	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1637	F	6	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1638	F	6	731	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1638	F	6	731	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1638	F	6	731	FS	HARDERIAN GLAND		HYPERPLASIA, GLANDULAR EPITHELIUM		
1638	F	6	731	FS	KIDNEY		NEPHROPATHY		
1638	F	6	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1638	F	6	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1639	F	6	676	U2	KIDNEY		HYDRONEPHROSIS		
1639	F	6	676	U2	KIDNEY		INFARCT, CHRONIC		
1639	F	6	676	U2	KIDNEY		INFLAMMATION		
1639	F	6	676	U2	LIVER		FOCUS, MIXED CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1639	F	6	676	U2	URINARY BLADDER	UB	M-CARCINOMA, SQUAMOUS CELL	57	F
1640	F	6	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1640	F	6	735	FS	HEART		CARDIOMYOPATHY		
1640	F	6	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1641	F	6	735	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1641	F	6	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1641	F	6	735	FS	HEART		CARDIOMYOPATHY		
1641	F	6	735	FS	KIDNEY		NEPHROPATHY		
1641	F	6	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1641	F	6	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
1641	F	6	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1641	F	6	735	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
1641	F	6	735	FS	OVARY	OV	B-GRANULOSA CELL TUMOR	20	M
1641	F	6	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1641	F	6	735	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1642	F	6	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1642	F	6	735	FS	HEART		HYPERPLASIA, ENDOTHELIUM		
1642	F	6	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1642	F	6	735	FS	RECTUM		LYMPHOID HYPERPLASIA, SUBMUCOSA		
1643	F	6	735	FS	HEART		CARDIOMYOPATHY		
1643	F	6	735	FS	KIDNEY		NEPHROPATHY		
1643	F	6	735	FS	LIVER		CYST(S), BILE DUCTS		
1643	F	6	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1643	F	6	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1644	F	6	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1644	F	6	735	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1644	F	6	735	FS	HEART		CARDIOMYOPATHY		
1644	F	6	735	FS	KIDNEY		NEPHROPATHY		
1644	F	6	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1644	F	6	735	FS	STOMACH		MINERALIZATION		
1644	F	6	735	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
1644	F	6	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1645	F	6	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1645	F	6	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1645	F	6	735	FS	KIDNEY		NEPHROPATHY		
1645	F	6	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1645	F	6	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
1645	F	6	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1645	F	6	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1646	F	6	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1646	F	6	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1646	F	6	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1646	F	6	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1647	F	6	533	U2	ADRENAL GLAND		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1647	F	6	533	U2	MAMMARY GLAND	MA	B-ADENOMA	1	F
1647	F	6	533	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1647	F	6	533	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1648	F	6	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1648	F	6	737	FS	KIDNEY		NEPHROPATHY		
1648	F	6	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1648	F	6	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1648	F	6	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1649	F	6	737	FS	KIDNEY		NEPHROPATHY		
1649	F	6	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1649	F	6	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1649	F	6	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1650	F	6	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1650	F	6	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
1650	F	6	737	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1650	F	6	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1650	F	6	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1651	F	6	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1651	F	6	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1651	F	6	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1651	F	6	737	FS	KIDNEY		NEPHROPATHY		
1651	F	6	737	FS	LIVER		HEPATODIAPHRAGMATIC NODULE (HDN)		
1651	F	6	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
1651	F	6	737	FS	MAMMARY GLAND		HYPERPLASIA		
1651	F	6	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1651	F	6	737	FS	THYMUS	THY	F-LYMPHOMA	38	M
1651	F	6	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1652	F	6	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1652	F	6	737	FS	HEART		CARDIOMYOPATHY		
1652	F	6	737	FS	KIDNEY		NEPHROPATHY		
1652	F	6	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1652	F	6	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1652	F	6	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1652	F	6	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1653	F	6	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1653	F	6	737	FS	HEART	HT	B-SCHWANNOMA, ENDOCARDIAL	33	M
1653	F	6	737	FS	KIDNEY		NEPHROPATHY		
1653	F	6	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1653	F	6	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
1653	F	6	737	FS	OVARY		CYST(S)		
1653	F	6	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1653	F	6	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1654	F	6	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1654	F	6	741	FS	HEART		CARDIOMYOPATHY		
1654	F	6	741	FS	KIDNEY		NEPHROPATHY		
1654	F	6	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1654	F	6	741	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1654	F	6	741	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1655	F	6	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1655	F	6	741	FS	CLITORAL GLAND		INFLAMMATION		
1655	F	6	741	FS	HEART		CARDIOMYOPATHY		
1655	F	6	741	FS	KIDNEY		NEPHROPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1655	F	6	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1655	F	6	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1656	F	6	685	U1	KIDNEY		HYDRONEPHROSIS		
1656	F	6	685	U1	OVARY	OV	B-ADENOMA	1	I
1656	F	6	685	U1	OVARY		CYST(S)		
1656	F	6	685	U1	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1656	F	6	685	U1	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1657	F	6	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1657	F	6	741	FS	HEART		CARDIOMYOPATHY		
1657	F	6	741	FS	KIDNEY		NEPHROPATHY		
1657	F	6	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1657	F	6	741	FS	LIVER		HYPERPLASIA, BILE DUCT		
1657	F	6	741	FS	LIVER		INFLAMMATION		
1657	F	6	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1657	F	6	741	FS	LUNG		INFLAMMATION		
1657	F	6	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1657	F	6	741	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1658	F	6	652	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1658	F	6	652	U2	LIVER		HYPERPLASIA, BILE DUCT		
1658	F	6	652	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1658	F	6	652	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1659	F	6	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1659	F	6	741	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1659	F	6	741	FS	KIDNEY		NEPHROPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1659	F	6	741	FS	LIVER		HYPERPLASIA, BILE DUCT		
1659	F	6	741	FS	LIVER		INFLAMMATION		
1659	F	6	741	FS	LIVER		LIPIDOSIS, DIFFUSE		
1659	F	6	741	FS	MAMMARY GLAND	MA	M-CARCINOMA	42	M
1659	F	6	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1660	F	6	703	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1660	F	6	703	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1660	F	6	703	U2	CECUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1660	F	6	703	U2	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1660	F	6	703	U2	KIDNEY		NEPHROPATHY		
1660	F	6	703	U2	PANCREAS		ATROPHY, ACINAR CELL		
1660	F	6	703	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1660	F	6	703	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1661	F	6	741	FS	KIDNEY		NEPHROPATHY		
1661	F	6	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1661	F	6	741	FS	LIVER		HYPERPLASIA, BILE DUCT		
1661	F	6	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1662	F	6	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1662	F	6	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1662	F	6	741	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
1663	F	6	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1663	F	6	743	FS	HEART		CARDIOMYOPATHY		
1663	F	6	743	FS	KIDNEY		NEPHROPATHY		
1663	F	6	743	FS	LIVER		HYPERPLASIA, BILE DUCT		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1663	F	6	743	FS	MAMMARY GLAND		HYPERPLASIA		
1663	F	6	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1663	F	6	743	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1664	F	6	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1664	F	6	743	FS	HEART		CARDIOMYOPATHY		
1664	F	6	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1664	F	6	743	FS	UTERUS		SQUAMOUS METAPLASIA, ENDOMETRIUM		
1665	F	6	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1665	F	6	743	FS	MAMMARY GLAND		FIBROSIS, PERIDUCTAL		
1665	F	6	743	FS	OVARY		CYST(S)		
1665	F	6	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1666	F	6	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1666	F	6	743	FS	HEART		CARDIOMYOPATHY		
1666	F	6	743	FS	KIDNEY		HYPERPLASIA, TUBULAR		
1666	F	6	743	FS	KIDNEY		NEPHROPATHY		
1666	F	6	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1666	F	6	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1666	F	6	743	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1666	F	6	743	FS	OVARY		CYST(S)		
1666	F	6	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1666	F	6	743	FS	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		
1666	F	6	743	FS	UTERUS		INFLAMMATION		
1666	F	6	743	FS	UTERUS		SQUAMOUS METAPLASIA, ENDOMETRIUM		
1667	F	6	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1667	F	6	743	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1667	F	6	743	FS	KIDNEY		NEPHROPATHY		
1667	F	6	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1667	F	6	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1667	F	6	743	FS	RECTUM		METAZOAN PARASITE(S)		
1667	F	6	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1668	F	6	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1668	F	6	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1668	F	6	743	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1668	F	6	743	FS	KIDNEY		HYDRONEPHROSIS		
1668	F	6	743	FS	KIDNEY		INFLAMMATION		
1668	F	6	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1668	F	6	743	FS	LIVER		FOCUS, EOSINOPHILIC		
1668	F	6	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1668	F	6	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1668	F	6	743	FS	STOMACH		HYPERPLASIA, MUCOSA, GLANDULAR		
1669	F	6	743	FS	CLITORAL GLAND		INFLAMMATION		
1669	F	6	743	FS	HEART		CARDIOMYOPATHY		
1669	F	6	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1669	F	6	743	FS	PANCREAS		BASOPHILIC FOCUS, ACINAR CELL		
1669	F	6	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1669	F	6	743	FS	STOMACH		MINERALIZATION		
1670	F	6	743	FS	PANCREAS		ATROPHY, ACINAR CELL		
1670	F	6	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1670	F	6	743	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1670	F	6	743	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1670	F	6	743	FS	UTERUS	UT	M-CARCINOMA	46	M
1671	F	6	743	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1671	F	6	743	FS	KIDNEY		NEPHROPATHY		
1671	F	6	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1671	F	6	743	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1671	F	6	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1672	F	6	666	U1	HEART		CARDIOMYOPATHY		
1672	F	6	666	U1	KIDNEY		CYST(S), TUBULAR		
1672	F	6	666	U1	OVARY		INFLAMMATION		
1672	F	6	666	U1	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	I
1672	F	6	666	U1	UTERUS	UT	M-CARCINOMA	46	F
1672	F	6	666	U1	UTERUS		INFLAMMATION		
1673	F	6	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1673	F	6	745	FS	HEART		CARDIOMYOPATHY		
1673	F	6	745	FS	KIDNEY		NEPHROPATHY		
1673	F	6	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1674	F	6	745	FS	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1674	F	6	745	FS	KIDNEY		NEPHROPATHY		
1674	F	6	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
1674	F	6	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1675	F	6	700	U1	HEART		CARDIOMYOPATHY		
1676	F	6	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1676	F	6	745	FS	KIDNEY		NEPHROPATHY		
1676	F	6	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1676	F	6	745	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
1676	F	6	745	FS	OVARY		CYST(S)		
1676	F	6	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1676	F	6	745	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1677	F	6	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1677	F	6	745	FS	HEART		CARDIOMYOPATHY		
1677	F	6	745	FS	KIDNEY		NEPHROPATHY		
1677	F	6	745	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1677	F	6	745	FS	MAMMARY GLAND		HYPERPLASIA		
1677	F	6	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1677	F	6	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1678	F	6	745	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1678	F	6	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1678	F	6	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1678	F	6	745	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
1679	F	6	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1679	F	6	745	FS	HEART		CARDIOMYOPATHY		
1679	F	6	745	FS	KIDNEY		NEPHROPATHY		
1679	F	6	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
1679	F	6	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1679	F	6	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1680	F	6	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1680	F	6	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1680	F	6	745	FS	HEART		CARDIOMYOPATHY		
1680	F	6	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
1680	F	6	745	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1680	F	6	745	FS	OVARY		CYST(S)		
1680	F	6	745	FS	UTERUS	UT	M-CARCINOMA	46	M
1721	F	7	729	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1721	F	7	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1721	F	7	729	FS	OVARY		CYST(S)		
1721	F	7	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1722	F	7	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1722	F	7	729	FS	OVARY		CYST(S)		
1722	F	7	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1722	F	7	729	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1723	F	7	729	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1723	F	7	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1723	F	7	729	FS	HEART		CARDIOMYOPATHY		
1723	F	7	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
1723	F	7	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1723	F	7	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1724	F	7	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1724	F	7	729	FS	SKIN	SK	B-LIPOMA	25	M
1724	F	7	729	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
1724	F	7	729	FS	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1725	F	7	616	U1	ADRENAL GLAND		DEGENERATION, CYSTIC		
1725	F	7	616	U1	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1725	F	7	616	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1726	F	7	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
1726	F	7	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1726	F	7	729	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1727	F	7	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1727	F	7	729	FS	HEART		CARDIOMYOPATHY		
1727	F	7	729	FS	KIDNEY		NEPHROPATHY		
1727	F	7	729	FS	OVARY		CYST(S)		
1727	F	7	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1727	F	7	729	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1727	F	7	729	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1728	F	7	540	U1	HARDERIAN GLAND		INFLAMMATION		
1728	F	7	540	U1	HEART		CARDIOMYOPATHY		
1728	F	7	540	U1	LIVER	LI	M-HISTIOCYTIC SARCOMA	63	I
1728	F	7	540	U1	LN-OTHER	LNO	M-HISTIOCYTIC SARCOMA	63	I
1728	F	7	540	U1	LUNG	LU	M-HISTIOCYTIC SARCOMA	63	I
1728	F	7	540	U1	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1728	F	7	540	U1	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
1728	F	7	540	U1	LUNG		INFLAMMATION		
1728	F	7	540	U1	THYMUS		INFLAMMATION		
1728	F	7	540	U1	UTERUS	UT	M-HISTIOCYTIC SARCOMA	63	F
1729	F	7	661	U1	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1729	F	7	661	U1	HEART		CARDIOMYOPATHY		
1729	F	7	661	U1	KIDNEY		HYDRONEPHROSIS		
1729	F	7	661	U1	KIDNEY		NEPHROPATHY		
1729	F	7	661	U1	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	I
1729	F	7	661	U1	UTERUS	UT	M-SARCOMA, STROMAL	77	F
1730	F	7	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1730	F	7	731	FS	HEART		CARDIOMYOPATHY		
1730	F	7	731	FS	KIDNEY		NEPHROPATHY		
1730	F	7	731	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
1730	F	7	731	FS	LUNG		INFLAMMATION		
1730	F	7	731	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1730	F	7	731	FS	MAMMARY GLAND		HYPERPLASIA		
1730	F	7	731	FS	OVARY		CYST(S)		
1730	F	7	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1730	F	7	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1731	F	7	450	U1	CLITORAL GLAND		INFLAMMATION		
1731	F	7	450	U1	HEART		CARDIOMYOPATHY		
1731	F	7	450	U1	LUNG	LU	F-LYMPHOMA	38	F
1731	F	7	450	U1	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1732	F	7	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1732	F	7	731	FS	LUNG		INFLAMMATION		
1732	F	7	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1732	F	7	731	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1732	F	7	731	FS	VAGINA	VA	B-POLYP	30	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1733	F	7	731	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1733	F	7	731	FS	HEART		CARDIOMYOPATHY		
1733	F	7	731	FS	KIDNEY		NEPHROPATHY		
1733	F	7	731	FS	LIVER	LI	B-ADENOMA, BILIARY	3	M
1733	F	7	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1733	F	7	731	FS	SPLEEN	SP	B-HEMANGIOMA	21	M
1733	F	7	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1734	F	7	731	FS	KIDNEY		NEPHROPATHY		
1734	F	7	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1734	F	7	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1734	F	7	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1734	F	7	731	FS	OVARY		CYST(S)		
1735	F	7	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1735	F	7	731	FS	DUODENUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1735	F	7	731	FS	LIVER		DILATATION, BILE DUCT		
1735	F	7	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1735	F	7	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1735	F	7	731	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
1736	F	7	731	FS	LIVER		DILATATION, BILE DUCT		
1737	F	7	703	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1737	F	7	703	U2	BRAIN	BR	B-GRANULAR CELL TUMOR	19	F
1737	F	7	703	U2	HEART		CARDIOMYOPATHY		
1737	F	7	703	U2	MAMMARY GLAND	MA	B-ADENOMA	1	I
1737	F	7	703	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1737	F	7	703	U2	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1738	F	7	731	FS	CECUM	CE	F-LYMPHOMA	38	M
1738	F	7	731	FS	HEART		CARDIOMYOPATHY		
1738	F	7	731	FS	LN-MESENTERIC	LNMES	F-LYMPHOMA	38	M
1738	F	7	731	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1738	F	7	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1738	F	7	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1738	F	7	731	FS	UTERUS	UT	M-SARCOMA, STROMAL	77	M
1738	F	7	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1738	F	7	731	FS	VAGINA	VA	B-POLYP	30	M
1739	F	7	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1739	F	7	735	FS	OVARY		CYST(S)		
1740	F	7	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1740	F	7	735	FS	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1740	F	7	735	FS	KIDNEY		MINERALIZATION		
1740	F	7	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1740	F	7	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	M
1740	F	7	735	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
1741	F	7	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1741	F	7	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1741	F	7	735	FS	OVARY		CYST(S)		
1741	F	7	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1741	F	7	735	FS	RECTUM		METAZOAN PARASITE(S)		
1742	F	7	486	U1	HEART	HT	B-SCHWANNOMA, ENDOCARDIAL	33	F

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1742	F	7	486	U1	KIDNEY		HYDRONEPHROSIS		
1742	F	7	486	U1	THYMUS	THY	M-HISTIOCYTIC SARCOMA	63	I
1743	F	7	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1743	F	7	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1744	F	7	735	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1744	F	7	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1745	F	7	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1745	F	7	735	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1745	F	7	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1746	F	7	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1746	F	7	735	FS	OVARY		CYST(S)		
1746	F	7	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1746	F	7	735	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1747	F	7	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1747	F	7	735	FS	KIDNEY		INFLAMMATION		
1747	F	7	735	FS	OVARY		CYST(S)		
1747	F	7	735	FS	SKIN		INFLAMMATION		
1747	F	7	735	FS	SKIN		ULCER, EPIDERMIS		
1747	F	7	735	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
1748	F	7	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1748	F	7	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1748	F	7	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1748	F	7	737	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1748	F	7	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1748	F	7	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1749	F	7	737	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1749	F	7	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1749	F	7	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1749	F	7	737	FS	HEART		CARDIOMYOPATHY		
1749	F	7	737	FS	MAMMARY GLAND		HYPERPLASIA		
1749	F	7	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1749	F	7	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1750	F	7	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1750	F	7	737	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1750	F	7	737	FS	HEART		CARDIOMYOPATHY		
1750	F	7	737	FS	LIVER		CYST(S), BILE DUCTS		
1750	F	7	737	FS	LIVER		DILATATION, BILE DUCT		
1750	F	7	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1750	F	7	737	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1750	F	7	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1750	F	7	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1751	F	7	737	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1751	F	7	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1751	F	7	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1751	F	7	737	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1751	F	7	737	FS	KIDNEY		CYST(S), TUBULAR		
1751	F	7	737	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1751	F	7	737	FS	OVARY	OV	B-GRANULOSA CELL TUMOR	20	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1751	F	7	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1751	F	7	737	FS	SKIN		INFLAMMATION		
1751	F	7	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1752	F	7	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1752	F	7	737	FS	KIDNEY		NEPHROPATHY		
1752	F	7	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
1752	F	7	737	FS	MAMMARY GLAND		HYPERPLASIA		
1752	F	7	737	FS	OVARY		CYST(S)		
1752	F	7	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1752	F	7	737	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1753	F	7	737	FS	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1753	F	7	737	FS	KIDNEY		INFLAMMATION		
1753	F	7	737	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1754	F	7	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1754	F	7	741	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1754	F	7	741	FS	HEART		CARDIOMYOPATHY		
1754	F	7	741	FS	KIDNEY		NEPHROPATHY		
1754	F	7	741	FS	PANCREAS		ATROPHY, ACINAR CELL		
1754	F	7	741	FS	ZYMBAL'S GLAND		DUCTAL CYST		
1755	F	7	741	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1755	F	7	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1755	F	7	741	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1755	F	7	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1755	F	7	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1756	F	7	719	U1	MAMMARY GLAND	MA	B-ADENOMA	1	F
1756	F	7	719	U1	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1757	F	7	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1757	F	7	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1757	F	7	741	FS	OVARY	OV	B-GRANULOSA CELL TUMOR	20	M
1757	F	7	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1757	F	7	741	FS	VAGINA	VA	B-LEIOMYOMA	24	M
1758	F	7	741	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1758	F	7	741	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1758	F	7	741	FS	HEART		CARDIOMYOPATHY		
1758	F	7	741	FS	LIVER		CYST(S), BILE DUCTS		
1758	F	7	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1758	F	7	741	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1758	F	7	741	FS	VAGINA		FIBROSIS, SUBMUCOSA		
1759	F	7	598	U2	HEART		CARDIOMYOPATHY		
1759	F	7	598	U2	LIVER		FOCUS, BASOPHILIC CELL		
1759	F	7	598	U2	MAMMARY GLAND	MA	M-CARCINOMA	42	F
1759	F	7	598	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1760	F	7	741	FS	HEART		CARDIOMYOPATHY		
1760	F	7	741	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1761	F	7	741	FS	HEART		CARDIOMYOPATHY		
1761	F	7	741	FS	LIVER		FOCUS, BASOPHILIC CELL		
1761	F	7	741	FS	LIVER		FOCUS, MIXED CELL		
1761	F	7	741	FS	LIVER		HYPERPLASIA, BILE DUCT		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1761	F	7	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1762	F	7	741	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1762	F	7	741	FS	HEART		CARDIOMYOPATHY		
1762	F	7	741	FS	LIVER		FOCUS, EOSINOPHILIC		
1762	F	7	741	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1762	F	7	741	FS	OVARY		CYST(S)		
1762	F	7	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1762	F	7	741	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
1762	F	7	741	FS	UTERUS	UT	M-SARCOMA, STROMAL	77	M
1763	F	7	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1763	F	7	743	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1763	F	7	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1763	F	7	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1764	F	7	743	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1764	F	7	743	FS	CLITORAL GLAND		INFLAMMATION		
1764	F	7	743	FS	LIVER		FOCUS, EOSINOPHILIC		
1764	F	7	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1764	F	7	743	FS	OVARY		CYST(S)		
1764	F	7	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1765	F	7	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1765	F	7	743	FS	HEART		CARDIOMYOPATHY		
1765	F	7	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1765	F	7	743	FS	LIVER		HEPATODIAPHRAGMATIC NODULE (HDN)		
1765	F	7	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1765	F	7	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1766	F	7	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1766	F	7	743	FS	HEART		CARDIOMYOPATHY		
1766	F	7	743	FS	OVARY	OV	B-LUTEOMA	26	M
1766	F	7	743	FS	OVARY	OV	B-SERTOLI CELL TUMOR	35	M
1766	F	7	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1766	F	7	743	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1766	F	7	743	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1767	F	7	743	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1767	F	7	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1767	F	7	743	FS	HEART		CARDIOMYOPATHY		
1767	F	7	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1767	F	7	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1767	F	7	743	FS	THYMUS	THY	M-THYMOMA	80	M
1767	F	7	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1768	F	7	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1768	F	7	743	FS	LIVER		HEPATODIAPHRAGMATIC NODULE (HDN)		
1768	F	7	743	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1768	F	7	743	FS	OVARY		CYST(S)		
1768	F	7	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1768	F	7	743	FS	STOMACH		MINERALIZATION		
1769	F	7	710	U2	ADRENAL GLAND		DEGENERATION, CYSTIC		
1769	F	7	710	U2	KIDNEY		NEPHROPATHY		
1769	F	7	710	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1769	F	7	710	U2	MAMMARY GLAND	MA	B-ADENOMA	1	I
1769	F	7	710	U2	OVARY	OV	B-GONADAL STROMAL TUMOR, UNDIFFERENTIATED	18	I
1769	F	7	710	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1769	F	7	710	U2	RECTUM		METAZOAN PARASITE(S)		
1769	F	7	710	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1769	F	7	710	U2	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	I
1770	F	7	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1770	F	7	743	FS	KIDNEY		NEPHROPATHY		
1770	F	7	743	FS	OVARY	OV	B-GONADAL STROMAL TUMOR, UNDIFFERENTIATED	18	M
1770	F	7	743	FS	PANCREAS		ATROPHY, ACINAR CELL		
1770	F	7	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1770	F	7	743	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1771	F	7	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1771	F	7	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1771	F	7	743	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1771	F	7	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1772	F	7	628	U1	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	F
1772	F	7	628	U1	SPLEEN		ATROPHY, LYMPHOID		
1772	F	7	628	U1	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1773	F	7	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1773	F	7	745	FS	HEART		CARDIOMYOPATHY		
1773	F	7	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
1773	F	7	745	FS	LUNG	LU	B-ADENOMA, BRONCHIOLAR-ALVEOLAR	4	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1773	F	7	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1773	F	7	745	FS	SPLEEN	SP	M-HEMANGIOSARCOMA	62	M
1773	F	7	745	FS	THYMUS	THY	F-LYMPHOMA	38	M
1773	F	7	745	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1774	F	7	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1774	F	7	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1774	F	7	745	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1775	F	7	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1776	F	7	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1777	F	7	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
1777	F	7	745	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1778	F	7	693	U2	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1778	F	7	693	U2	KIDNEY		MINERALIZATION		
1778	F	7	693	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1778	F	7	693	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
1779	F	7	493	U2	MAMMARY GLAND		CYST(S), DUCTAL		
1779	F	7	493	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1780	F	7	745	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
1780	F	7	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1780	F	7	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1780	F	7	745	FS	KIDNEY		NEPHROPATHY		
1780	F	7	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1780	F	7	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1821	F	8	729	FS	CLITORAL GLAND		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1822	F	8	729	FS	KIDNEY		NEPHROPATHY		
1822	F	8	729	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
1823	F	8	729	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1823	F	8	729	FS	KIDNEY		NEPHROPATHY		
1823	F	8	729	FS	OVARY		CYST(S)		
1823	F	8	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1824	F	8	729	FS	HEART		CARDIOMYOPATHY		
1824	F	8	729	FS	KIDNEY		NEPHROPATHY		
1824	F	8	729	FS	OVARY		CYST(S)		
1825	F	8	729	FS	HEART		CARDIOMYOPATHY		
1825	F	8	729	FS	KIDNEY		NEPHROPATHY		
1825	F	8	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
1825	F	8	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1825	F	8	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1825	F	8	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
1826	F	8	729	FS	EYE		CATARACT		
1826	F	8	729	FS	HARDERIAN GLAND		INFLAMMATION		
1826	F	8	729	FS	KIDNEY		NEPHROPATHY		
1826	F	8	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1827	F	8	729	FS	HEART		CARDIOMYOPATHY		
1827	F	8	729	FS	KIDNEY		HYDRONEPHROSIS		
1827	F	8	729	FS	KIDNEY		NEPHROPATHY		
1828	F	8	729	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1828	F	8	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1829	F	8	729	FS	HEART		CARDIOMYOPATHY		
1829	F	8	729	FS	OVARY		CYST(S)		
1829	F	8	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1829	F	8	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1830	F	8	689	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1830	F	8	689	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1830	F	8	689	U2	KIDNEY		NEPHROPATHY		
1830	F	8	689	U2	MAMMARY GLAND	MA	M-CARCINOMA	42	I
1830	F	8	689	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1831	F	8	731	FS	HEART		CARDIOMYOPATHY		
1831	F	8	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1831	F	8	731	FS	LIVER		FOCUS, EOSINOPHILIC		
1831	F	8	731	FS	LIVER		FOCUS, MIXED CELL		
1831	F	8	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1831	F	8	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1832	F	8	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1832	F	8	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1832	F	8	731	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1832	F	8	731	FS	HEART		CARDIOMYOPATHY		
1832	F	8	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1832	F	8	731	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1832	F	8	731	FS	OVARY		CYST(S)		
1832	F	8	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1832	F	8	731	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1833	F	8	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1833	F	8	731	FS	THYMUS		CYST(S)		
1834	F	8	731	FS	KIDNEY		CYST(S), TUBULAR		
1834	F	8	731	FS	KIDNEY		NEPHROPATHY		
1834	F	8	731	FS	LUNG		INFLAMMATION		
1834	F	8	731	FS	PITUITARY GLAND		CYST(S), PARS DISTALIS		
1834	F	8	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1835	F	8	731	FS	KIDNEY		NEPHROPATHY		
1835	F	8	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
1835	F	8	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
1835	F	8	731	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1835	F	8	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1836	F	8	731	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1836	F	8	731	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1837	F	8	731	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1837	F	8	731	FS	OVARY		CYST(S)		
1837	F	8	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1837	F	8	731	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1838	F	8	720	U2	ADRENAL GLAND		DEGENERATION, CYSTIC		
1838	F	8	720	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1838	F	8	720	U2	HARDERIAN GLAND		HYPERPLASIA, GLANDULAR EPITHELIUM		
1838	F	8	720	U2	MAMMARY GLAND	MA	B-ADENOMA	1	F
1839	F	8	735	FS	KIDNEY		NEPHROPATHY		
1839	F	8	735	FS	OVARY		CYST(S)		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1839	F	8	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1839	F	8	735	FS	RECTUM		LYMPHOID HYPERPLASIA, SUBMUCOSA		
1839	F	8	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1840	F	8	716	U1	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1840	F	8	716	U1	CLITORAL GLAND		INFLAMMATION		
1840	F	8	716	U1	LIVER	LI	F-LYMPHOMA	38	I
1840	F	8	716	U1	LN-MEDIASTINAL	LNMED	F-LYMPHOMA	38	I
1840	F	8	716	U1	LN-MESENTERIC	LNMES	F-LYMPHOMA	38	I
1840	F	8	716	U1	LN-OTHER	LNO	F-LYMPHOMA	38	I
1840	F	8	716	U1	LUNG	LU	F-LYMPHOMA	38	I
1840	F	8	716	U1	OVARY		CYST(S)		
1840	F	8	716	U1	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1840	F	8	716	U1	SPLEEN	SP	F-LYMPHOMA	38	F
1841	F	8	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1841	F	8	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1841	F	8	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1841	F	8	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1841	F	8	735	FS	MAMMARY GLAND	MA	M-CARCINOMA	42	M
1841	F	8	735	FS	OVARY		CYST(S)		
1841	F	8	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1842	F	8	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1842	F	8	735	FS	KIDNEY		NEPHROPATHY		
1842	F	8	735	FS	LIVER		CYST(S), BILE DUCTS		
1842	F	8	735	FS	LIVER		DILATATION, BILE DUCT		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1842	F	8	735	FS	LIVER		FOCUS, CLEAR CELL		
1842	F	8	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1842	F	8	735	FS	LUNG		INFLAMMATION		
1842	F	8	735	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1842	F	8	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1843	F	8	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1843	F	8	735	FS	KIDNEY		HYDRONEPHROSIS		
1843	F	8	735	FS	KIDNEY		NEPHROPATHY		
1843	F	8	735	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1843	F	8	735	FS	PANCREAS		ATROPHY, ACINAR CELL		
1843	F	8	735	FS	PANCREAS		LIPOMATOSIS		
1843	F	8	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1843	F	8	735	FS	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		
1844	F	8	735	FS	LIVER		CYST(S), BILE DUCTS		
1844	F	8	735	FS	LIVER		DILATATION, BILE DUCT		
1844	F	8	735	FS	VAGINA	VA	B-POLYP	30	M
1845	F	8	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
1845	F	8	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
1845	F	8	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1845	F	8	735	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1846	F	8	735	FS	HEART		CARDIOMYOPATHY		
1846	F	8	735	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
1846	F	8	735	FS	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	M
1847	F	8	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1847	F	8	735	FS	LIVER	LI	M-LEIOMYOSARCOMA, METASTATIC (STOMACH)	65	M
1847	F	8	735	FS	LIVER		FIBROSIS		
1847	F	8	735	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1847	F	8	735	FS	OVARY		CYST(S)		
1847	F	8	735	FS	RECTUM		METAZOAN PARASITE(S)		
1847	F	8	735	FS	STOMACH	ST	M-LEIOMYOSARCOMA	64	M
1848	F	8	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
1848	F	8	737	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1848	F	8	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1848	F	8	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1849	F	8	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1849	F	8	737	FS	HARDERIAN GLAND		HYPERPLASIA, GLANDULAR EPITHELIUM		
1849	F	8	737	FS	KIDNEY		NEPHROPATHY		
1849	F	8	737	FS	LIVER		LIPIDOSIS, FOCAL		
1849	F	8	737	FS	OVARY		CYST(S)		
1849	F	8	737	FS	PANCREAS		ATROPHY, ACINAR CELL		
1849	F	8	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1849	F	8	737	FS	SALIVARY GLAND	SA	M-CARCINOMA	45	M
1849	F	8	737	FS	THYMUS		CYST(S)		
1849	F	8	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1850	F	8	737	FS	KIDNEY		NEPHROPATHY		
1850	F	8	737	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1850	F	8	737	FS	OVARY	OV	B-GRANULOSA CELL TUMOR	20	M
1850	F	8	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1850	F	8	737	FS	THYMUS		INFLAMMATION		
1851	F	8	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1851	F	8	737	FS	CLITORAL GLAND		INFLAMMATION		
1851	F	8	737	FS	HEART		CARDIOMYOPATHY		
1851	F	8	737	FS	KIDNEY		NEPHROPATHY		
1851	F	8	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
1851	F	8	737	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1851	F	8	737	FS	PANCREAS		HYPERPLASIA, ACINAR CELL		
1851	F	8	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1851	F	8	737	FS	UTERUS	UT	M-CARCINOMA	46	M
1852	F	8	663	U1	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1852	F	8	663	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	F
1853	F	8	737	FS	KIDNEY		HYDRONEPHROSIS		
1853	F	8	737	FS	KIDNEY		NEPHROPATHY		
1853	F	8	737	FS	OVARY		CYST(S)		
1853	F	8	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1853	F	8	737	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1854	F	8	741	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
1854	F	8	741	FS	KIDNEY		NEPHROPATHY		
1854	F	8	741	FS	LIVER		HEPATODIAPHRAGMATIC NODULE (HDN)		
1854	F	8	741	FS	OVARY		CYST(S)		
1854	F	8	741	FS	PANCREAS		ATROPHY, ACINAR CELL		
1854	F	8	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1855	F	8	715	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1856	F	8	741	FS	KIDNEY		HYDRONEPHROSIS		
1856	F	8	741	FS	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1857	F	8	741	FS	HEART		CARDIOMYOPATHY		
1857	F	8	741	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1857	F	8	741	FS	TONGUE		INFLAMMATION, CHRONIC		
1858	F	8	665	U1	LIVER	LI	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1858	F	8	665	U1	LN-MESENTERIC	LNMES	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1858	F	8	665	U1	LN-OTHER	LNO	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1858	F	8	665	U1	MESENTERY	ME	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1858	F	8	665	U1	OVARY	OV	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1858	F	8	665	U1	SKELETAL MUSCLE	SM	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1858	F	8	665	U1	UTERUS	UT	M-CARCINOMA	46	F
1859	F	8	741	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1859	F	8	741	FS	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1859	F	8	741	FS	KIDNEY		NEPHROPATHY		
1859	F	8	741	FS	LN-OTHER	LNO	M-HEMANGIOSARCOMA	62	M
1859	F	8	741	FS	MAMMARY GLAND		CYST(S), DUCTAL		
1859	F	8	741	FS	OVARY		CYST(S)		
1859	F	8	741	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
1860	F	8	652	U2	LIVER		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1860	F	8	652	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1860	F	8	652	U2	UTERUS	UT	B-POLYP, ENDOMETRIAL STROMAL	31	F
1860	F	8	652	U2	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1861	F	8	741	FS	LIVER		FOCUS, BASOPHILIC CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1861	F	8	741	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1862	F	8	683	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1862	F	8	683	U2	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
1862	F	8	683	U2	MAMMARY GLAND	MA	M-CARCINOMA	42	I
1862	F	8	683	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1862	F	8	683	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1862	F	8	683	U2	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I
1863	F	8	743	FS	PANCREAS		ATROPHY, ACINAR CELL		
1864	F	8	743	FS	PANCREAS		ATROPHY, ACINAR CELL		
1864	F	8	743	FS	UTERUS		HYPERPLASIA, ENDOMETRIUM, ATYPICAL		
1865	F	8	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1865	F	8	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1866	F	8	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1866	F	8	743	FS	KIDNEY		HYDRONEPHROSIS		
1866	F	8	743	FS	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
1866	F	8	743	FS	KIDNEY		NEPHROPATHY		
1867	F	8	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1867	F	8	743	FS	OVARY		CYST(S)		
1867	F	8	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1868	F	8	725	U1	ADRENAL GLAND		ATROPHY		
1868	F	8	725	U1	LIVER		NECROSIS, HEPATOCELLULAR		
1868	F	8	725	U1	LUNG	LU	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1868	F	8	725	U1	OVARY	OV	B-DYSGERMINOMA	14	I
1868	F	8	725	U1	OVARY	OV	M-CARCINOMA, METASTATIC (UTERUS)	54	I

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1868	F	8	725	U1	PANCREAS	PA	M-CARCINOMA, METASTATIC (UTERUS)	54	I
1868	F	8	725	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	I
1868	F	8	725	U1	UTERUS	UT	M-CARCINOMA	46	F
1869	F	8	743	FS	LIVER		HEMOSIDERIN PIGMENT		
1869	F	8	743	FS	STOMACH		MINERALIZATION		
1870	F	8	680	U1	HEART		CARDIOMYOPATHY		
1870	F	8	680	U1	LIVER		FOCUS, BASOPHILIC CELL		
1870	F	8	680	U1	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1871	F	8	743	FS	KIDNEY		NEPHROPATHY		
1871	F	8	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
1871	F	8	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
1871	F	8	743	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
1871	F	8	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1871	F	8	743	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1872	F	8	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1872	F	8	745	FS	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1873	F	8	476	U1	OVARY		CYST(S)		
1873	F	8	476	U1	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1873	F	8	476	U1	UTERUS		ENDOMETRIAL HYPERPLASIA, CYSTIC (CEH)		
1874	F	8	476	U2	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1874	F	8	476	U2	KIDNEY		NEPHROPATHY		
1874	F	8	476	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1874	F	8	476	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
1874	F	8	476	U2	UTERUS	UT	M-SARCOMA, STROMAL	77	F

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1875	F	8	745	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1875	F	8	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
1875	F	8	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1875	F	8	745	FS	OVARY		CYST(S)		
1875	F	8	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1876	F	8	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
1876	F	8	745	FS	HEART		CARDIOMYOPATHY		
1876	F	8	745	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
1876	F	8	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	M
1876	F	8	745	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
1877	F	8	745	FS	HEART		CARDIOMYOPATHY		
1877	F	8	745	FS	OVARY		CYST(S)		
1877	F	8	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1877	F	8	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
1878	F	8	698	U1	ADRENAL GLAND		HYPERTROPHY, CORTEX		
1878	F	8	698	U1	HEART		CARDIOMYOPATHY		
1878	F	8	698	U1	LUNG		INFLAMMATION		
1878	F	8	698	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
1878	F	8	698	U1	SPLEEN		ATROPHY, LYMPHOID		
1878	F	8	698	U1	STOMACH		INFLAMMATION, NON-GLANDULAR		
1879	F	8	745	FS	CLITORAL GLAND		INFLAMMATION		
1879	F	8	745	FS	KIDNEY		NEPHROPATHY		
1879	F	8	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
1879	F	8	745	FS	OVARY		CYST(S)		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
1879	F	8	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
1879	F	8	745	FS	UTERUS	UT	M-CARCINOMA	46	M
1880	F	8	745	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
1880	F	8	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
1880	F	8	745	FS	OVARY		CYST(S)		
1880	F	8	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
121	M	1	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
121	M	1	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
121	M	1	729	FS	KIDNEY		HYDRONEPHROSIS		
121	M	1	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
121	M	1	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
121	M	1	729	FS	SKIN		INFLAMMATION		
121	M	1	729	FS	SKIN		ULCER, EPIDERMIS		
122	M	1	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
122	M	1	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
122	M	1	729	FS	HEART		CARDIOMYOPATHY		
122	M	1	729	FS	KIDNEY		NEPHROPATHY		
122	M	1	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
122	M	1	729	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
122	M	1	729	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
122	M	1	729	FS	SKIN		INFLAMMATION		
122	M	1	729	FS	SKIN		ULCER, EPIDERMIS		
123	M	1	212	U2	PREPUTIAL GLAND		INFLAMMATION		
124	M	1	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
124	M	1	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
124	M	1	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
124	M	1	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
124	M	1	729	FS	SKIN		INFLAMMATION		
125	M	1	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
125	M	1	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
125	M	1	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
125	M	1	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
125	M	1	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
126	M	1	729	FS	KIDNEY		NEPHROPATHY		
126	M	1	729	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
126	M	1	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
126	M	1	729	FS	SKIN		INFLAMMATION		
126	M	1	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
126	M	1	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
127	M	1	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
127	M	1	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
127	M	1	729	FS	KIDNEY		NEPHROPATHY		
127	M	1	729	FS	LIVER		INFLAMMATION		
127	M	1	729	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
127	M	1	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
127	M	1	729	FS	PREPUTIAL GLAND		INFLAMMATION		
127	M	1	729	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
128	M	1	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
128	M	1	729	FS	HEART		CARDIOMYOPATHY		
128	M	1	729	FS	KIDNEY		NEPHROPATHY		
128	M	1	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
128	M	1	729	FS	PREPUTIAL GLAND		INFLAMMATION		
128	M	1	729	FS	SKIN		INFLAMMATION		
129	M	1	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
129	M	1	731	FS	HEART		CARDIOMYOPATHY		
129	M	1	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
129	M	1	731	FS	PREPUTIAL GLAND		INFLAMMATION		
129	M	1	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
130	M	1	731	FS	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	M
130	M	1	731	FS	HEART		CARDIOMYOPATHY		
130	M	1	731	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
130	M	1	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
130	M	1	731	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
130	M	1	731	FS	PREPUTIAL GLAND		INFLAMMATION		
131	M	1	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
131	M	1	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
131	M	1	731	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
131	M	1	731	FS	HEART		CARDIOMYOPATHY		
131	M	1	731	FS	LIVER		CYST(S), BILE DUCTS		
131	M	1	731	FS	LIVER		FOCUS, CLEAR CELL		
131	M	1	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
131	M	1	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
131	M	1	731	FS	PREPUTIAL GLAND		INFLAMMATION		
131	M	1	731	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
131	M	1	731	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
131	M	1	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
132	M	1	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
132	M	1	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
132	M	1	731	FS	HEART		CARDIOMYOPATHY		
132	M	1	731	FS	KIDNEY		NECROSIS, PAPILLARY		
132	M	1	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
132	M	1	731	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
132	M	1	731	FS	PROSTATE		INFLAMMATION		
132	M	1	731	FS	STOMACH		INFLAMMATION, NON-GLANDULAR		
132	M	1	731	FS	STOMACH		ULCER, NON-GLANDULAR		
132	M	1	731	FS	TESTIS		ATROPHY, BILATERAL		
132	M	1	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
133	M	1	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
133	M	1	731	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
133	M	1	731	FS	HEART		CARDIOMYOPATHY		
133	M	1	731	FS	KIDNEY		CYST(S), TUBULAR		
133	M	1	731	FS	KIDNEY		INFLAMMATION		
133	M	1	731	FS	LN-OTHER		CYSTIC DEGENERATION		
133	M	1	731	FS	LN-OTHER		HYPERPLASIA, PLASMA CELL		
133	M	1	731	FS	PHARYNX		HYPERPLASIA, MUCOSAL EPITHELIUM		
133	M	1	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
133	M	1	731	FS	SKIN		INFLAMMATION		
133	M	1	731	FS	SKIN		ULCER, EPIDERMIS		
133	M	1	731	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
133	M	1	731	FS	TESTIS		ATROPHY, BILATERAL		
134	M	1	578	U2	HEART		CARDIOMYOPATHY		
134	M	1	578	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
134	M	1	578	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
135	M	1	735	FS	HEART		CARDIOMYOPATHY		
135	M	1	735	FS	KIDNEY		NECROSIS, PAPILLARY		
135	M	1	735	FS	KIDNEY		NEPHROPATHY		
135	M	1	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
135	M	1	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
135	M	1	735	FS	PREPUTIAL GLAND		INFLAMMATION		
135	M	1	735	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
136	M	1	735	FS	HEART		CARDIOMYOPATHY		
136	M	1	735	FS	KIDNEY		INFLAMMATION		
136	M	1	735	FS	KIDNEY		NEPHROPATHY		
136	M	1	735	FS	LIVER		FOCUS, CLEAR CELL		
136	M	1	735	FS	LIVER		INFLAMMATION		
136	M	1	735	FS	PARATHYROID	PTHY	B-ADENOMA	1	M
136	M	1	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
136	M	1	735	FS	PROSTATE		INFLAMMATION		
136	M	1	735	FS	SKIN		INFLAMMATION		
136	M	1	735	FS	SKIN		ULCER, EPIDERMIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
137	M	1	735	FS	HEART		CARDIOMYOPATHY		
137	M	1	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
137	M	1	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
137	M	1	735	FS	PROSTATE		INFLAMMATION		
137	M	1	735	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
137	M	1	735	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
138	M	1	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
138	M	1	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
138	M	1	735	FS	HEART		CARDIOMYOPATHY		
138	M	1	735	FS	KIDNEY		INFLAMMATION		
138	M	1	735	FS	KIDNEY		NEPHROPATHY		
138	M	1	735	FS	LIVER		INFLAMMATION		
138	M	1	735	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
138	M	1	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
138	M	1	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
138	M	1	735	FS	PROSTATE		INFLAMMATION		
138	M	1	735	FS	SKIN		INFLAMMATION		
138	M	1	735	FS	SKIN		ULCER, EPIDERMIS		
138	M	1	735	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
138	M	1	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
139	M	1	735	FS	HEART		CARDIOMYOPATHY		
139	M	1	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
139	M	1	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
139	M	1	735	FS	PROSTATE		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
139	M	1	735	FS	SKIN		INFLAMMATION		
139	M	1	735	FS	SKIN		ULCER, EPIDERMIS		
140	M	1	467	U2	CECUM		INFLAMMATION		
140	M	1	467	U2	HEART		CARDIOMYOPATHY		
140	M	1	467	U2	KIDNEY		NEPHROPATHY		
140	M	1	467	U2	LIVER		HYPERPLASIA, BILE DUCT		
140	M	1	467	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
140	M	1	467	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
140	M	1	467	U2	PROSTATE		INFLAMMATION		
140	M	1	467	U2	SPLEEN		ATROPHY, LYMPHOID		
140	M	1	467	U2	STOMACH		ULCER, NON-GLANDULAR		
141	M	1	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
141	M	1	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
141	M	1	735	FS	HEART		CARDIOMYOPATHY		
141	M	1	735	FS	KIDNEY		NEPHROPATHY		
141	M	1	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
141	M	1	735	FS	LIVER		FOCUS, CLEAR CELL		
141	M	1	735	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
141	M	1	735	FS	SKIN		INFLAMMATION		
141	M	1	735	FS	SKIN		ULCER, EPIDERMIS		
141	M	1	735	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
141	M	1	735	FS	THYMUS	THY	M-THYMOMA	80	M
142	M	1	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
142	M	1	735	FS	BONE	BO	B-OSTEOMA	27	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
142	M	1	735	FS	BRAIN	BR	B-GRANULAR CELL TUMOR	19	M
142	M	1	735	FS	HEART		CARDIOMYOPATHY		
142	M	1	735	FS	KIDNEY		NEPHROPATHY		
142	M	1	735	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
142	M	1	735	FS	PANCREAS	PA	B-ISLET CELL TUMOR	22	M
142	M	1	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
142	M	1	735	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
142	M	1	735	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
142	M	1	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
143	M	1	735	FS	HEART		CARDIOMYOPATHY		
143	M	1	735	FS	KIDNEY		NEPHROPATHY		
143	M	1	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
143	M	1	735	FS	LIVER		FOCUS, CLEAR CELL		
143	M	1	735	FS	LIVER		INFLAMMATION		
143	M	1	735	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
143	M	1	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
144	M	1	735	FS	HEART		CARDIOMYOPATHY		
144	M	1	735	FS	KIDNEY		CYST(S), TUBULAR		
144	M	1	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
144	M	1	735	FS	NOSE/TURBINATES		INFLAMMATION		
144	M	1	735	FS	PARATHYROID		HYPERPLASIA		
144	M	1	735	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
144	M	1	735	FS	PROSTATE		INFLAMMATION		
144	M	1	735	FS	RECTUM		LYMPHOID HYPERPLASIA, SUBMUCOSA		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
144	M	1	735	FS	RECTUM		METAZOAN PARASITE(S)		
144	M	1	735	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
144	M	1	735	FS	TOOTH		INFLAMMATION		
145	M	1	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
145	M	1	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
145	M	1	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
145	M	1	737	FS	HEART		CARDIOMYOPATHY		
145	M	1	737	FS	KIDNEY		NEPHROPATHY		
145	M	1	737	FS	LIVER		LIPIDOSIS, DIFFUSE		
145	M	1	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
145	M	1	737	FS	PROSTATE		INFLAMMATION		
145	M	1	737	FS	SKIN	SK	M-CARCINOMA, BASAL CELL	48	M
145	M	1	737	FS	SKIN		ULCER, EPIDERMIS		
146	M	1	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
146	M	1	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
146	M	1	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
146	M	1	737	FS	COLON		METAZOAN PARASITE, LUMEN		
146	M	1	737	FS	KIDNEY		NEPHROPATHY		
146	M	1	737	FS	LIVER		DILATATION, BILE DUCT		
146	M	1	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
146	M	1	737	FS	LIVER		LIPIDOSIS, DIFFUSE		
146	M	1	737	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
146	M	1	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	M
147	M	1	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
147	M	1	737	FS	HEART		CARDIOMYOPATHY		
147	M	1	737	FS	KIDNEY		NEPHROPATHY		
147	M	1	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
147	M	1	737	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
147	M	1	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
147	M	1	737	FS	SKIN		ULCER, EPIDERMIS		
147	M	1	737	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
147	M	1	737	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
148	M	1	653	U2	HEART		CARDIOMYOPATHY		
148	M	1	653	U2	KIDNEY		CYST(S), TUBULAR		
148	M	1	653	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
148	M	1	653	U2	TESTIS		ATROPHY, UNILATERAL		
148	M	1	653	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
149	M	1	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
149	M	1	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
149	M	1	737	FS	KIDNEY		NEPHROPATHY		
149	M	1	737	FS	LIVER		CYST(S), BILE DUCTS		
149	M	1	737	FS	LIVER		INFLAMMATION		
149	M	1	737	FS	PANCREAS		LIPOMATOSIS		
149	M	1	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
149	M	1	737	FS	RECTUM		METAZOAN PARASITE(S)		
149	M	1	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
150	M	1	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
150	M	1	737	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
150	M	1	737	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
150	M	1	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
151	M	1	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
151	M	1	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
151	M	1	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
151	M	1	737	FS	HEART		CARDIOMYOPATHY		
151	M	1	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
151	M	1	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
151	M	1	737	FS	LIVER		INFLAMMATION, ARTERY		
151	M	1	737	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
151	M	1	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
151	M	1	737	FS	RECTUM		METAZOAN PARASITE(S)		
151	M	1	737	FS	STOMACH		INFLAMMATION, NON-GLANDULAR		
151	M	1	737	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
152	M	1	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
152	M	1	737	FS	HEART		CARDIOMYOPATHY		
152	M	1	737	FS	KIDNEY		NEPHROPATHY		
152	M	1	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
152	M	1	737	FS	PANCREAS		ATROPHY, ACINAR CELL		
152	M	1	737	FS	TESTIS		ATROPHY, UNILATERAL		
152	M	1	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
153	M	1	739	FS	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	M
153	M	1	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
153	M	1	739	FS	LIVER		HYPERPLASIA, BILE DUCT		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
153	M	1	739	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	M
154	M	1	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
154	M	1	739	FS	HEART		CARDIOMYOPATHY		
154	M	1	739	FS	KIDNEY		NEPHROPATHY		
154	M	1	739	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
154	M	1	739	FS	PANCREAS		LIPOMATOSIS		
154	M	1	739	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
154	M	1	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
155	M	1	739	FS	HEART		CARDIOMYOPATHY		
155	M	1	739	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
155	M	1	739	FS	PANCREAS		LIPOMATOSIS		
155	M	1	739	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
156	M	1	739	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
156	M	1	739	FS	PANCREAS		LIPOMATOSIS		
156	M	1	739	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
156	M	1	739	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
157	M	1	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
157	M	1	739	FS	CECUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
157	M	1	739	FS	HEART		CARDIOMYOPATHY		
157	M	1	739	FS	KIDNEY		CYST(S), TUBULAR		
157	M	1	739	FS	KIDNEY		NEPHROPATHY		
157	M	1	739	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
157	M	1	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
157	M	1	739	FS	PROSTATE		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
157	M	1	739	FS	STOMACH		INFLAMMATION, NON-GLANDULAR		
157	M	1	739	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
158	M	1	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
158	M	1	739	FS	PANCREAS		ATROPHY, ACINAR CELL		
159	M	1	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
159	M	1	739	FS	KIDNEY		NEPHROPATHY		
159	M	1	739	FS	PANCREAS		BASOPHILIC FOCUS, ACINAR CELL		
159	M	1	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
159	M	1	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
160	M	1	739	FS	KIDNEY		NEPHROPATHY		
160	M	1	739	FS	PANCREAS		ATROPHY, ACINAR CELL		
160	M	1	739	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
160	M	1	739	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
160	M	1	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
161	M	1	532	U2	HEART		CARDIOMYOPATHY		
161	M	1	532	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
161	M	1	532	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
161	M	1	532	U2	SKIN		HYPERPLASIA, EPIDERMIS		
161	M	1	532	U2	SKIN		INFLAMMATION		
161	M	1	532	U2	TESTIS		ATROPHY, BILATERAL		
162	M	1	301	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
162	M	1	301	U2	BRAIN	BR	M-ASTROCYTOMA	39	F
163	M	1	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
163	M	1	743	FS	BONE	BO	B-GRANULAR CELL TUMOR	19	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
163	M	1	743	FS	HEART		CARDIOMYOPATHY		
163	M	1	743	FS	KIDNEY		NEPHROPATHY		
163	M	1	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
163	M	1	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
164	M	1	524	U1	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
164	M	1	524	U1	PREPUTIAL GLAND		INFLAMMATION		
164	M	1	524	U1	PROSTATE		INFLAMMATION		
164	M	1	524	U1	SPLEEN		ATROPHY, LYMPHOID		
164	M	1	524	U1	THYROID GLAND		HYPERPLASIA, C-CELL		
165	M	1	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
165	M	1	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
165	M	1	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
165	M	1	743	FS	PANCREAS		HYPERPLASIA, ACINAR CELL		
165	M	1	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
165	M	1	743	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
165	M	1	743	FS	TESTIS		ATROPHY, UNILATERAL		
165	M	1	743	FS	TONGUE		HYPERPLASIA, MUCOSAL EPITHELIUM		
166	M	1	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
166	M	1	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
166	M	1	743	FS	HEART		CARDIOMYOPATHY		
166	M	1	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
166	M	1	743	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
166	M	1	743	FS	SKIN	SK	B-LIPOMA	25	M
166	M	1	743	FS	SKIN		ULCER, EPIDERMIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
166	M	1	743	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
167	M	1	623	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
167	M	1	623	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
167	M	1	623	U2	BRAIN	BR	M-ASTROCYTOMA	39	F
167	M	1	623	U2	KIDNEY		NEPHROPATHY		
167	M	1	623	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
167	M	1	623	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	I
167	M	1	623	U2	SKIN		CYST, EPITHELIAL INCLUSION		
167	M	1	623	U2	SKIN		HYPERPLASIA, EPIDERMIS		
167	M	1	623	U2	SKIN		INFLAMMATION		
167	M	1	623	U2	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I
168	M	1	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
168	M	1	743	FS	HEART		CARDIOMYOPATHY		
168	M	1	743	FS	LUNG		INFLAMMATION		
168	M	1	743	FS	PANCREAS		ATROPHY, ACINAR CELL		
168	M	1	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
168	M	1	743	FS	PROSTATE		INFLAMMATION		
169	M	1	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
169	M	1	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
169	M	1	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
169	M	1	745	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
169	M	1	745	FS	KIDNEY		HYDRONEPHROSIS		
169	M	1	745	FS	KIDNEY		NEPHROPATHY		
169	M	1	745	FS	LIVER		FOCUS, CLEAR CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
169	M	1	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
169	M	1	745	FS	PROSTATE		INFLAMMATION		
170	M	1	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
170	M	1	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
170	M	1	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
170	M	1	745	FS	HEART		CARDIOMYOPATHY		
170	M	1	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
170	M	1	745	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
170	M	1	745	FS	SKIN		HYPERPLASIA, EPIDERMIS		
170	M	1	745	FS	SKIN		ULCER, EPIDERMIS		
170	M	1	745	FS	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
170	M	1	745	FS	TESTIS		ATROPHY, BILATERAL		
170	M	1	745	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
170	M	1	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
171	M	1	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
171	M	1	745	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
171	M	1	745	FS	HEART		CARDIOMYOPATHY		
171	M	1	745	FS	LUNG	LU	B-ADENOMA, BRONCHIOLAR-ALVEOLAR	4	M
171	M	1	745	FS	SKIN		ULCER, EPIDERMIS		
171	M	1	745	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
171	M	1	745	FS	TESTIS		ATROPHY, UNILATERAL		
172	M	1	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
172	M	1	745	FS	HEART		CARDIOMYOPATHY		
172	M	1	745	FS	KIDNEY		NEPHROPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
172	M	1	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
172	M	1	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
172	M	1	745	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
172	M	1	745	FS	PHARYNX		INFLAMMATION		
172	M	1	745	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
173	M	1	745	FS	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	M
173	M	1	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
173	M	1	745	FS	KIDNEY		NEPHROPATHY		
173	M	1	745	FS	PANCREAS		ATROPHY, ACINAR CELL		
173	M	1	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
173	M	1	745	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
173	M	1	745	FS	SKIN		INFLAMMATION		
174	M	1	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
174	M	1	745	FS	HEART		CARDIOMYOPATHY		
174	M	1	745	FS	LIVER		LIPIDOSIS, FOCAL		
174	M	1	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
174	M	1	745	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
174	M	1	745	FS	SKIN		HYPERPLASIA, EPIDERMIS		
174	M	1	745	FS	SKIN		INFLAMMATION		
174	M	1	745	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
174	M	1	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
175	M	1	547	MISSING					
176	M	1	547	MISSING					
177	M	1	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
177	M	1	745	FS	HEART		CARDIOMYOPATHY		
177	M	1	745	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
177	M	1	745	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
178	M	1	732	U2	HEART		CARDIOMYOPATHY		
178	M	1	732	U2	KIDNEY		NEPHROPATHY		
178	M	1	732	U2	PANCREAS		LIPOMATOSIS		
178	M	1	732	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
178	M	1	732	U2	PROSTATE		INFLAMMATION		
178	M	1	732	U2	SKIN		ULCER, EPIDERMIS		
178	M	1	732	U2	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I
179	M	1	746	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
179	M	1	746	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
179	M	1	746	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
179	M	1	746	FS	PROSTATE		INFLAMMATION		
179	M	1	746	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
180	M	1	746	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
180	M	1	746	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
180	M	1	746	FS	HEART		CARDIOMYOPATHY		
180	M	1	746	FS	LIVER		LIPIDOSIS, DIFFUSE		
180	M	1	746	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
180	M	1	746	FS	SKIN	SK	B-ADENOMA, BASAL CELL	2	M
180	M	1	746	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
201	M	2	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
201	M	2	729	FS	KIDNEY		HYDRONEPHROSIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
201	M	2	729	FS	KIDNEY		NEPHROPATHY		
201	M	2	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS INTERMEDIA		
201	M	2	729	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
202	M	2	564	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
202	M	2	564	U2	LIVER		FOCUS, CLEAR CELL		
202	M	2	564	U2	SKIN		ULCER, EPIDERMIS		
203	M	2	729	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
203	M	2	729	FS	HEART		CARDIOMYOPATHY		
203	M	2	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
203	M	2	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
203	M	2	729	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
204	M	2	593	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
204	M	2	593	U1	PROSTATE		ATROPHY		
204	M	2	593	U1	SEMINAL VESICLE		ATROPHY		
204	M	2	593	U1	TESTIS		ATROPHY, BILATERAL		
204	M	2	593	U1	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I
205	M	2	675	U1	KIDNEY		INFLAMMATION		
205	M	2	675	U1	KIDNEY		NEPHROPATHY		
205	M	2	675	U1	PROSTATE		INFLAMMATION		
205	M	2	675	U1	SKIN		ULCER, EPIDERMIS		
206	M	2	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
206	M	2	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
206	M	2	729	FS	SKIN		INFLAMMATION		
206	M	2	729	FS	SKIN		ULCER, EPIDERMIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
207	M	2	513	U2	HEART		CARDIOMYOPATHY		
207	M	2	513	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
208	M	2	729	FS	HEART		CARDIOMYOPATHY		
208	M	2	729	FS	LIVER		FOCUS, MIXED CELL		
208	M	2	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
208	M	2	729	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
208	M	2	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
208	M	2	729	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
209	M	2	731	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
209	M	2	731	FS	HEART		CARDIOMYOPATHY		
209	M	2	731	FS	KIDNEY		NEPHROPATHY		
209	M	2	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
209	M	2	731	FS	LIVER		FOCUS, MIXED CELL		
209	M	2	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
209	M	2	731	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
210	M	2	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
210	M	2	731	FS	HEART		CARDIOMYOPATHY		
210	M	2	731	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
210	M	2	731	FS	KIDNEY		NEPHROPATHY		
210	M	2	731	FS	NOSE/TURBINATES		SQUAMOUS METAPLASIA (RESPIRATORY EPITHELIUM)		
210	M	2	731	FS	SKIN		ULCER, EPIDERMIS		
210	M	2	731	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
211	M	2	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
211	M	2	731	FS	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
211	M	2	731	FS	KIDNEY		INFLAMMATION		
211	M	2	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
211	M	2	731	FS	LIVER		TELANGIECTASIS		
211	M	2	731	FS	PREPUTIAL GLAND		INFLAMMATION		
211	M	2	731	FS	SKIN		INFLAMMATION		
211	M	2	731	FS	SKIN		ULCER, EPIDERMIS		
211	M	2	731	FS	STERNUM		FIBROSIS		
211	M	2	731	FS	TESTIS		ATROPHY, BILATERAL		
212	M	2	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
212	M	2	731	FS	HEART		CARDIOMYOPATHY		
212	M	2	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
212	M	2	731	FS	PANCREAS		ATROPHY, ACINAR CELL		
212	M	2	731	FS	STOMACH		INFLAMMATION, GLANDULAR		
212	M	2	731	FS	TESTIS		EDEMA, INTERSTITIUM		
212	M	2	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
213	M	2	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
213	M	2	731	FS	HEART		CARDIOMYOPATHY		
213	M	2	731	FS	KIDNEY		NEPHROPATHY		
213	M	2	731	FS	LIVER		TELANGIECTASIS		
213	M	2	731	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
213	M	2	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
213	M	2	731	FS	SKIN		ULCER, EPIDERMIS		
213	M	2	731	FS	SPLEEN	SP	B-HEMANGIOMA	21	M
213	M	2	731	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
214	M	2	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
214	M	2	731	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
214	M	2	731	FS	DUODENUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
214	M	2	731	FS	HEART		CARDIOMYOPATHY		
214	M	2	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
214	M	2	731	FS	LIVER		FOCUS, CLEAR CELL		
214	M	2	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
214	M	2	731	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
214	M	2	731	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
214	M	2	731	FS	PROSTATE		INFLAMMATION		
214	M	2	731	FS	RECTUM		METAZOAN PARASITE(S)		
214	M	2	731	FS	TESTIS		EDEMA, INTERSTITIUM		
215	M	2	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
215	M	2	735	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
215	M	2	735	FS	KIDNEY		NEPHROPATHY		
215	M	2	735	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
215	M	2	735	FS	RECTUM		METAZOAN PARASITE(S)		
216	M	2	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
216	M	2	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
216	M	2	735	FS	HEART		CARDIOMYOPATHY		
216	M	2	735	FS	KIDNEY		NEPHROPATHY		
216	M	2	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
216	M	2	735	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
216	M	2	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
216	M	2	735	FS	PROSTATE		INFLAMMATION		
216	M	2	735	FS	SKIN		ULCER, EPIDERMIS		
217	M	2	735	FS	DUODENUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
217	M	2	735	FS	HEART		CARDIOMYOPATHY		
217	M	2	735	FS	KIDNEY		NEPHROPATHY		
217	M	2	735	FS	LIVER		TELANGIECTASIS		
217	M	2	735	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
217	M	2	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
217	M	2	735	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
217	M	2	735	FS	RECTUM		METAZOAN PARASITE(S)		
217	M	2	735	FS	SKIN		ULCER, EPIDERMIS		
217	M	2	735	FS	TESTIS		ATROPHY, BILATERAL		
217	M	2	735	FS	TESTIS		EDEMA, INTERSTITIUM		
218	M	2	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
218	M	2	735	FS	HEART		CARDIOMYOPATHY		
218	M	2	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
218	M	2	735	FS	LIVER		FOCUS, CLEAR CELL		
218	M	2	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
218	M	2	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
218	M	2	735	FS	PREPUTIAL GLAND		INFLAMMATION		
218	M	2	735	FS	TESTIS		EDEMA, INTERSTITIUM		
219	M	2	735	FS	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	M
219	M	2	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
219	M	2	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
219	M	2	735	FS	HEART		CARDIOMYOPATHY		
219	M	2	735	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
219	M	2	735	FS	LIVER		DILATATION, BILE DUCT		
219	M	2	735	FS	PANCREAS		HYPERPLASIA, ISLET CELL		
219	M	2	735	FS	PREPUTIAL GLAND		INFLAMMATION		
219	M	2	735	FS	RECTUM		METAZOAN PARASITE(S)		
219	M	2	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
220	M	2	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
220	M	2	735	FS	BRAIN	BR	M-ASTROCYTOMA	39	M
220	M	2	735	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
220	M	2	735	FS	HEART		CARDIOMYOPATHY		
220	M	2	735	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
220	M	2	735	FS	KIDNEY		NEPHROPATHY		
220	M	2	735	FS	LIVER		FOCUS, CLEAR CELL		
220	M	2	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
220	M	2	735	FS	LIVER		THROMBOSIS		
220	M	2	735	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
220	M	2	735	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
220	M	2	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
220	M	2	735	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
220	M	2	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
221	M	2	611	U2	BONE	BO	M-OSTEOSARCOMA	71	F
221	M	2	611	U2	KIDNEY		NEPHROPATHY		
221	M	2	611	U2	LIVER		FOCUS, CLEAR CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
221	M	2	611	U2	LUNG	LU	M-OSTEOSARCOMA, METASTATIC (BONE)	74	I
221	M	2	611	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
221	M	2	611	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
221	M	2	611	U2	TESTIS		EDEMA, INTERSTITIUM		
221	M	2	611	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
222	M	2	735	FS	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	M
222	M	2	735	FS	HEART		CARDIOMYOPATHY		
222	M	2	735	FS	KIDNEY		NEPHROPATHY		
222	M	2	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
222	M	2	735	FS	LIVER		FOCUS, CLEAR CELL		
222	M	2	735	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
222	M	2	735	FS	NOSE/TURBINATES		INFLAMMATION		
222	M	2	735	FS	PREPUTIAL GLAND		INFLAMMATION		
222	M	2	735	FS	SKIN		ULCER, EPIDERMIS		
222	M	2	735	FS	SPLEEN	SP	M-HEMANGIOSARCOMA	62	M
222	M	2	735	FS	TESTIS		EDEMA, INTERSTITIUM		
222	M	2	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
223	M	2	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
223	M	2	735	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
223	M	2	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
223	M	2	735	FS	PREPUTIAL GLAND		INFLAMMATION		
223	M	2	735	FS	PROSTATE		INFLAMMATION		
223	M	2	735	FS	RECTUM		METAZOAN PARASITE(S)		
223	M	2	735	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
223	M	2	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
224	M	2	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
224	M	2	735	FS	KIDNEY		NEPHROPATHY		
224	M	2	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
224	M	2	735	FS	SKIN		INFLAMMATION		
224	M	2	735	FS	SKIN		ULCER, EPIDERMIS		
225	M	2	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
225	M	2	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
225	M	2	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
225	M	2	737	FS	LIVER		FOCUS, CLEAR CELL		
225	M	2	737	FS	PREPUTIAL GLAND		INFLAMMATION		
225	M	2	737	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
225	M	2	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
225	M	2	737	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
226	M	2	737	FS	KIDNEY		NEPHROPATHY		
226	M	2	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
226	M	2	737	FS	PREPUTIAL GLAND		INFLAMMATION		
226	M	2	737	FS	SKELETAL MUSCLE	SM	M-RHABDOMYOSARCOMA	75	M
227	M	2	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
227	M	2	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
227	M	2	737	FS	HEART		CARDIOMYOPATHY		
227	M	2	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
227	M	2	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
227	M	2	737	FS	PREPUTIAL GLAND		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
227	M	2	737	FS	RECTUM		METAZOAN PARASITE(S)		
227	M	2	737	FS	SKIN		ULCER, EPIDERMIS		
227	M	2	737	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
227	M	2	737	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
228	M	2	688	U1	ADRENAL GLAND		HYPERPLASIA, CORTEX		
228	M	2	688	U1	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
228	M	2	688	U1	HEART		CARDIOMYOPATHY		
228	M	2	688	U1	KIDNEY		NEPHROPATHY		
228	M	2	688	U1	LIVER		NECROSIS, HEPATOCELLULAR		
228	M	2	688	U1	MESENTERY		NECROSIS		
228	M	2	688	U1	NOSE/TURBINATES		INFLAMMATION		
228	M	2	688	U1	PREPUTIAL GLAND		INFLAMMATION		
229	M	2	737	FS	HEART		CARDIOMYOPATHY		
229	M	2	737	FS	KIDNEY		NEPHROPATHY		
229	M	2	737	FS	LIVER		FOCUS, CLEAR CELL		
229	M	2	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
229	M	2	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
229	M	2	737	FS	PROSTATE		INFLAMMATION		
229	M	2	737	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
229	M	2	737	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
230	M	2	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
230	M	2	737	FS	LIVER		FOCUS, CLEAR CELL		
230	M	2	737	FS	LIVER		FOCUS, MIXED CELL		
230	M	2	737	FS	LIVER		HYPERPLASIA, BILE DUCT		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
230	M	2	737	FS	MAMMARY GLAND		CYST(S), DUCTAL		
230	M	2	737	FS	PROSTATE		INFLAMMATION		
230	M	2	737	FS	RECTUM		METAZOAN PARASITE(S)		
230	M	2	737	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
231	M	2	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
231	M	2	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
231	M	2	737	FS	HEART		CARDIOMYOPATHY		
231	M	2	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
232	M	2	737	FS	HEART		CARDIOMYOPATHY		
232	M	2	737	FS	PREPUTIAL GLAND		INFLAMMATION		
232	M	2	737	FS	TESTIS		ATROPHY, BILATERAL		
232	M	2	737	FS	TESTIS		EDEMA, INTERSTITIUM		
232	M	2	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
233	M	2	739	FS	HEART		CARDIOMYOPATHY		
233	M	2	739	FS	LIVER		FOCUS, CLEAR CELL		
233	M	2	739	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
233	M	2	739	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
233	M	2	739	FS	RECTUM		METAZOAN PARASITE(S)		
233	M	2	739	FS	TESTIS		ATROPHY, BILATERAL		
233	M	2	739	FS	TESTIS		EDEMA, INTERSTITIUM		
234	M	2	739	FS	HEART		CARDIOMYOPATHY		
234	M	2	739	FS	KIDNEY		NEPHROPATHY		
234	M	2	739	FS	LIVER		FOCUS, CLEAR CELL		
234	M	2	739	FS	LIVER		HYPERPLASIA, BILE DUCT		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
234	M	2	739	FS	PREPUTIAL GLAND		INFLAMMATION		
234	M	2	739	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
234	M	2	739	FS	SKIN		ULCER, EPIDERMIS		
234	M	2	739	FS	TESTIS		EDEMA, INTERSTITIUM		
234	M	2	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
235	M	2	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
235	M	2	739	FS	HARDERIAN GLAND		INFLAMMATION		
235	M	2	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
236	M	2	538	U2	HEART		CARDIOMYOPATHY		
236	M	2	538	U2	KIDNEY		INFLAMMATION		
236	M	2	538	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
236	M	2	538	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
236	M	2	538	U2	STOMACH		INFLAMMATION, NON-GLANDULAR		
237	M	2	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
237	M	2	739	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
237	M	2	739	FS	PANCREAS		ATROPHY, ACINAR CELL		
237	M	2	739	FS	SKIN	SK	M-SCHWANNOMA	78	M
237	M	2	739	FS	TESTIS		ATROPHY, UNILATERAL		
237	M	2	739	FS	TESTIS		EDEMA, INTERSTITIUM		
238	M	2	739	FS	HEART		CARDIOMYOPATHY		
238	M	2	739	FS	KIDNEY		HYDRONEPHROSIS		
238	M	2	739	FS	LIVER		HYPERPLASIA, BILE DUCT		
238	M	2	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
238	M	2	739	FS	SKIN		ULCER, EPIDERMIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
238	M	2	739	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
239	M	2	739	FS	HEART		CARDIOMYOPATHY		
239	M	2	739	FS	KIDNEY		HYDRONEPHROSIS		
239	M	2	739	FS	LIVER		FOCUS, BASOPHILIC CELL		
239	M	2	739	FS	LIVER		HYPERPLASIA, BILE DUCT		
239	M	2	739	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
239	M	2	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
239	M	2	739	FS	RECTUM		LYMPHOID HYPERPLASIA, SUBMUCOSA		
239	M	2	739	FS	SKIN	SK	B-ADENOMA, SEBACEOUS GLAND	12	M
240	M	2	691	U2	ADRENAL GLAND	AD	B-GANGLIONEUROMA	17	I
240	M	2	691	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
240	M	2	691	U2	HEART		CARDIOMYOPATHY		
240	M	2	691	U2	KIDNEY		INFLAMMATION		
240	M	2	691	U2	KIDNEY		NEPHROPATHY		
240	M	2	691	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
240	M	2	691	U2	PROSTATE		INFLAMMATION		
240	M	2	691	U2	SKIN		ULCER, EPIDERMIS		
240	M	2	691	U2	TESTIS		ATROPHY, BILATERAL		
241	M	2	662	U1	ADRENAL GLAND		HYPERPLASIA, CORTEX		
241	M	2	662	U1	HEART		CARDIOMYOPATHY		
241	M	2	662	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
241	M	2	662	U1	PROSTATE		INFLAMMATION		
242	M	2	577	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
242	M	2	577	U2	SKIN		ULCER, EPIDERMIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
243	M	2	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
243	M	2	743	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
243	M	2	743	FS	LIVER		FOCUS, EOSINOPHILIC		
243	M	2	743	FS	SKIN		INFLAMMATION		
243	M	2	743	FS	SKIN		ULCER, EPIDERMIS		
244	M	2	743	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
244	M	2	743	FS	ADRENAL GLAND		HEMORRHAGE		
244	M	2	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
244	M	2	743	FS	HEART		CARDIOMYOPATHY		
244	M	2	743	FS	KIDNEY		INFLAMMATION		
244	M	2	743	FS	KIDNEY		NEPHROPATHY		
244	M	2	743	FS	LIVER		FOCUS, CLEAR CELL		
244	M	2	743	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
244	M	2	743	FS	PANCREAS		ATROPHY, ACINAR CELL		
244	M	2	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
244	M	2	743	FS	TESTIS		ATROPHY, BILATERAL		
244	M	2	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
245	M	2	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
245	M	2	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
245	M	2	743	FS	HEART		CARDIOMYOPATHY		
245	M	2	743	FS	KIDNEY		HYDRONEPHROSIS		
245	M	2	743	FS	KIDNEY		NEPHROPATHY		
245	M	2	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
245	M	2	743	FS	PANCREAS	PA	B-ISLET CELL TUMOR	22	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
245	M	2	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
245	M	2	743	FS	PROSTATE		INFLAMMATION		
246	M	2	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
246	M	2	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
246	M	2	743	FS	HEART		CARDIOMYOPATHY		
246	M	2	743	FS	KIDNEY		CYST(S), TUBULAR		
246	M	2	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
246	M	2	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
246	M	2	743	FS	SKIN		ULCER, EPIDERMIS		
246	M	2	743	FS	TESTIS		EDEMA, INTERSTITIUM		
247	M	2	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
247	M	2	743	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
247	M	2	743	FS	HEART		CARDIOMYOPATHY		
247	M	2	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
247	M	2	743	FS	SKIN		INFLAMMATION		
247	M	2	743	FS	SKIN		ULCER, EPIDERMIS		
248	M	2	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
248	M	2	743	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
248	M	2	743	FS	BRAIN	BR	M-ASTROCYTOMA	39	M
248	M	2	743	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
248	M	2	743	FS	HEART		CARDIOMYOPATHY		
248	M	2	743	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
248	M	2	743	FS	KIDNEY		NEPHROPATHY		
248	M	2	743	FS	LIVER		HYPERPLASIA, BILE DUCT		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
248	M	2	743	FS	PANCREAS		HYPERPLASIA, ACINAR CELL		
248	M	2	743	FS	SKIN		INFLAMMATION		
248	M	2	743	FS	SKIN		ULCER, EPIDERMIS		
248	M	2	743	FS	TESTIS		ATROPHY, UNILATERAL		
248	M	2	743	FS	TESTIS		EDEMA, INTERSTITIUM		
249	M	2	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
249	M	2	745	FS	CECUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
249	M	2	745	FS	HEART		CARDIOMYOPATHY		
249	M	2	745	FS	KIDNEY		NEPHROPATHY		
249	M	2	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
249	M	2	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
249	M	2	745	FS	SKIN	SK	B-ADENOMA, BASAL CELL	2	M
250	M	2	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
250	M	2	745	FS	HEART		CARDIOMYOPATHY		
250	M	2	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
250	M	2	745	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
250	M	2	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
250	M	2	745	FS	TESTIS		ATROPHY, UNILATERAL		
250	M	2	745	FS	TESTIS		EDEMA, INTERSTITIUM		
251	M	2	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
251	M	2	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
251	M	2	745	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
251	M	2	745	FS	PANCREAS		LIPOMATOSIS		
251	M	2	745	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
252	M	2	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
252	M	2	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
252	M	2	745	FS	LIVER		DILATATION, BILE DUCT		
252	M	2	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
252	M	2	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
252	M	2	745	FS	SEMINAL VESICLE		HYPERPLASIA, DUCT EPITHELIUM		
252	M	2	745	FS	TESTIS		ATROPHY, UNILATERAL		
252	M	2	745	FS	THYROID GLAND	THG	M-CARCINOMA, FOLLICULAR CELL	52	M
253	M	2	745	FS	HEART		CARDIOMYOPATHY		
253	M	2	745	FS	KIDNEY		HYDRONEPHROSIS		
253	M	2	745	FS	KIDNEY		NEPHROPATHY		
253	M	2	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
253	M	2	745	FS	LIVER		FOCUS, MIXED CELL		
253	M	2	745	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
253	M	2	745	FS	SKIN		INFLAMMATION		
253	M	2	745	FS	TESTIS		ATROPHY, BILATERAL		
253	M	2	745	FS	THYMUS	THY	F-LYMPHOMA	38	M
254	M	2	63	U2	HEART		CARDIOMYOPATHY		
254	M	2	63	U2	KIDNEY		HYDRONEPHROSIS		
254	M	2	63	U2	KIDNEY		INFLAMMATION		
254	M	2	63	U2	LIVER		HYPERPLASIA, BILE DUCT		
254	M	2	63	U2	PROSTATE		INFLAMMATION		
254	M	2	63	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
254	M	2	63	U2	URINARY BLADDER	UB	M-CARCINOMA, TRANSITIONAL CELL	58	F

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
255	M	2	287	U2	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
255	M	2	287	U2	STOMACH		INFLAMMATION, NON-GLANDULAR		
256	M	2	745	FS	KIDNEY		INFLAMMATION		
256	M	2	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
256	M	2	745	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
256	M	2	745	FS	NOSE/TURBINATES		INFLAMMATION		
256	M	2	745	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
256	M	2	745	FS	SKIN		ULCER, EPIDERMIS		
256	M	2	745	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
257	M	2	657	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
257	M	2	657	U2	HEART		CARDIOMYOPATHY		
257	M	2	657	U2	KIDNEY		NEPHROPATHY		
257	M	2	657	U2	LIVER		FOCUS, BASOPHILIC CELL		
257	M	2	657	U2	LIVER		LIPIDOSIS, MULTIFOCAL		
257	M	2	657	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
257	M	2	657	U2	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
258	M	2	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
258	M	2	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
258	M	2	745	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
258	M	2	745	FS	HARDERIAN GLAND		HYPERPLASIA, GLANDULAR EPITHELIUM		
258	M	2	745	FS	HEART		CARDIOMYOPATHY		
258	M	2	745	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
258	M	2	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
258	M	2	745	FS	LN-MESENTERIC	LNMES	M-HEMANGIOSARCOMA	62	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
258	M	2	745	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
258	M	2	745	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
259	M	2	746	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
259	M	2	746	FS	HEART		CARDIOMYOPATHY		
259	M	2	746	FS	KIDNEY		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
259	M	2	746	FS	KIDNEY		INFLAMMATION		
259	M	2	746	FS	KIDNEY		NEPHROPATHY		
259	M	2	746	FS	SKIN		ULCER, EPIDERMIS		
260	M	2	374	U2	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
260	M	2	374	U2	LIVER		TELANGIECTASIS		
260	M	2	374	U2	LUNG	LU	M-CARCINOMA, BASAL CELL, METASTATIC (SKIN)	49	I
260	M	2	374	U2	PROSTATE		INFLAMMATION		
260	M	2	374	U2	SKIN	SK	M-CARCINOMA, BASAL CELL	48	F
260	M	2	374	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
321	M	3	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
321	M	3	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
321	M	3	729	FS	HEART		CARDIOMYOPATHY		
321	M	3	729	FS	SKIN		ULCER, EPIDERMIS		
321	M	3	729	FS	TESTIS		ATROPHY, UNILATERAL		
322	M	3	716	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
322	M	3	716	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
322	M	3	716	U2	KIDNEY		NEPHROPATHY		
322	M	3	716	U2	LIVER		FOCUS, CLEAR CELL		
322	M	3	716	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
322	M	3	716	U2	SPLEEN		ATROPHY, LYMPHOID		
323	M	3	729	FS	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	M
323	M	3	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
323	M	3	729	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
324	M	3	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
324	M	3	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
324	M	3	729	FS	HEART		CARDIOMYOPATHY		
324	M	3	729	FS	KIDNEY		NEPHROPATHY		
324	M	3	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
324	M	3	729	FS	LIVER		FOCUS, CLEAR CELL		
324	M	3	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
325	M	3	729	FS	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	M
325	M	3	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
325	M	3	729	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
325	M	3	729	FS	HEART		CARDIOMYOPATHY		
325	M	3	729	FS	KIDNEY		NEPHROPATHY		
325	M	3	729	FS	LN-MESENTERIC	LNMES	M-HEMANGIOSARCOMA	62	M
325	M	3	729	FS	RECTUM		METAZOAN PARASITE(S)		
325	M	3	729	FS	TESTIS		ATROPHY, UNILATERAL		
326	M	3	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
326	M	3	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
326	M	3	729	FS	HEART		CARDIOMYOPATHY		
326	M	3	729	FS	KIDNEY		HYDRONEPHROSIS		
326	M	3	729	FS	LIVER		FOCUS, BASOPHILIC CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
326	M	3	729	FS	LIVER		FOCUS, CLEAR CELL		
326	M	3	729	FS	PREPUTIAL GLAND		INFLAMMATION		
326	M	3	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
327	M	3	729	FS	ADRENAL GLAND		ATROPHY		
327	M	3	729	FS	JEJUNUM	JE	M-CARCINOMA	41	M
327	M	3	729	FS	KIDNEY		NEPHROPATHY		
327	M	3	729	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
327	M	3	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
327	M	3	729	FS	PROSTATE		INFLAMMATION		
327	M	3	729	FS	SKIN		INFLAMMATION		
327	M	3	729	FS	STOMACH		INFLAMMATION, GLANDULAR		
327	M	3	729	FS	TESTIS		ATROPHY, BILATERAL		
327	M	3	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
328	M	3	729	FS	HEART		HYPERPLASIA, ENDOTHELIUM		
328	M	3	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
329	M	3	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
329	M	3	731	FS	HEART		CARDIOMYOPATHY		
329	M	3	731	FS	KIDNEY		NEPHROPATHY		
329	M	3	731	FS	LIVER		FOCUS, CLEAR CELL		
329	M	3	731	FS	PREPUTIAL GLAND		INFLAMMATION		
329	M	3	731	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
330	M	3	731	FS	KIDNEY		HYDRONEPHROSIS		
331	M	3	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
331	M	3	731	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
332	M	3	469	U2	HEART		CARDIOMYOPATHY		
332	M	3	469	U2	KIDNEY		INFLAMMATION		
332	M	3	469	U2	KIDNEY		NEPHROPATHY		
332	M	3	469	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
332	M	3	469	U2	PROSTATE		INFLAMMATION		
332	M	3	469	U2	SKIN		ULCER, EPIDERMIS		
332	M	3	469	U2	STOMACH		ULCER, GLANDULAR		
333	M	3	731	FS	LIVER		FOCUS, CLEAR CELL		
333	M	3	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
333	M	3	731	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
333	M	3	731	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
334	M	3	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
334	M	3	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
334	M	3	731	FS	LIVER		FOCUS, CLEAR CELL		
334	M	3	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
334	M	3	731	FS	TESTIS		ATROPHY, UNILATERAL		
335	M	3	735	FS	KIDNEY		NEPHROPATHY		
335	M	3	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
335	M	3	735	FS	SKIN		INFLAMMATION		
335	M	3	735	FS	SKIN		ULCER, EPIDERMIS		
336	M	3	735	FS	HEART		CARDIOMYOPATHY		
336	M	3	735	FS	KIDNEY		NEPHROPATHY		
336	M	3	735	FS	SKIN		INFLAMMATION		
336	M	3	735	FS	SPLEEN		HYPERPLASIA, LYMPHOID		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
336	M	3	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
337	M	3	735	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
337	M	3	735	FS	HEART		CARDIOMYOPATHY		
338	M	3	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
338	M	3	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
338	M	3	735	FS	HEART		CARDIOMYOPATHY		
338	M	3	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
339	M	3	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
339	M	3	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
339	M	3	735	FS	KIDNEY		HYDRONEPHROSIS		
339	M	3	735	FS	PANCREAS		ATROPHY, ACINAR CELL		
339	M	3	735	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
340	M	3	723	U1	ESOPHAGUS		INFLAMMATION		
340	M	3	723	U1	HEART		CARDIOMYOPATHY		
340	M	3	723	U1	JEJUNUM		DIVERTICULUM		
340	M	3	723	U1	LUNG		INFLAMMATION		
340	M	3	723	U1	NOSE/TURBINATES		INFLAMMATION		
340	M	3	723	U1	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
340	M	3	723	U1	TESTIS		ATROPHY, BILATERAL		
340	M	3	723	U1	TRACHEA		INFLAMMATION		
341	M	3	576	U2	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	I
341	M	3	576	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
341	M	3	576	U2	LIVER		ATROPHY		
341	M	3	576	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
341	M	3	576	U2	SKIN		CYST, EPITHELIAL INCLUSION		
341	M	3	576	U2	SKIN		HYPERPLASIA, EPIDERMIS		
341	M	3	576	U2	SKIN		OSSEOUS METAPLASIA		
341	M	3	576	U2	SKIN		ULCER, EPIDERMIS		
341	M	3	576	U2	SPLEEN		HYPERPLASIA, LYMPHOID		
341	M	3	576	U2	STOMACH		INFLAMMATION, NON-GLANDULAR		
342	M	3	735	FS	HEART		CARDIOMYOPATHY		
342	M	3	735	FS	PANCREAS		ATROPHY, ACINAR CELL		
342	M	3	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS INTERMEDIA		
343	M	3	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
343	M	3	735	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
344	M	3	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
344	M	3	735	FS	HEART		CARDIOMYOPATHY		
344	M	3	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
344	M	3	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
344	M	3	735	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
344	M	3	735	FS	SKIN		INFLAMMATION		
344	M	3	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
345	M	3	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
345	M	3	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
345	M	3	737	FS	KIDNEY		INFLAMMATION		
345	M	3	737	FS	PANCREAS		HYPERPLASIA, ACINAR CELL		
345	M	3	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
345	M	3	737	FS	PREPUTIAL GLAND		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
346	M	3	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
346	M	3	737	FS	HEART		CARDIOMYOPATHY		
346	M	3	737	FS	KIDNEY		NEPHROPATHY		
346	M	3	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
347	M	3	613	U2	HEART		CARDIOMYOPATHY		
347	M	3	613	U2	KIDNEY		NEPHROPATHY		
347	M	3	613	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
347	M	3	613	U2	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
348	M	3	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
348	M	3	737	FS	KIDNEY		NEPHROPATHY		
348	M	3	737	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
348	M	3	737	FS	TESTIS		ATROPHY, UNILATERAL		
348	M	3	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
349	M	3	528	U2	LIVER		INFLAMMATION		
349	M	3	528	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
349	M	3	528	U2	STOMACH		ULCER, NON-GLANDULAR		
349	M	3	528	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
350	M	3	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
350	M	3	737	FS	JEJUNUM		DIVERTICULUM		
350	M	3	737	FS	KIDNEY		NEPHROPATHY		
350	M	3	737	FS	NOSE/TURBINATES		INFLAMMATION		
350	M	3	737	FS	SKIN		INFLAMMATION		
350	M	3	737	FS	SKIN		ULCER, EPIDERMIS		
351	M	3	737	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
351	M	3	737	FS	KIDNEY		NEPHROPATHY		
351	M	3	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
351	M	3	737	FS	PROSTATE		INFLAMMATION		
351	M	3	737	FS	SEMINAL VESICLE		ATROPHY		
351	M	3	737	FS	SKIN		INFLAMMATION		
351	M	3	737	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
351	M	3	737	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
352	M	3	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
352	M	3	737	FS	HEART		CARDIOMYOPATHY		
352	M	3	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
352	M	3	737	FS	LIVER		FOCUS, CLEAR CELL		
352	M	3	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
352	M	3	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
352	M	3	737	FS	RECTUM		METAZOAN PARASITE(S)		
352	M	3	737	FS	SKIN		ULCER, EPIDERMIS		
352	M	3	737	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
353	M	3	653	U1	SKIN		INFLAMMATION		
353	M	3	653	U1	SKIN		ULCER, EPIDERMIS		
354	M	3	711	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
354	M	3	711	U2	HARDERIAN GLAND		HYPERPLASIA, GLANDULAR EPITHELIUM		
354	M	3	711	U2	HEART		CARDIOMYOPATHY		
354	M	3	711	U2	LIVER		HEMORRHAGE		
354	M	3	711	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
354	M	3	711	U2	SKIN		CYST, EPITHELIAL INCLUSION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
354	M	3	711	U2	SKIN		INFLAMMATION		
354	M	3	711	U2	SPLEEN		ATROPHY, LYMPHOID		
355	M	3	739	FS	HEART		CARDIOMYOPATHY		
355	M	3	739	FS	TESTIS		EDEMA, INTERSTITIUM		
355	M	3	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
356	M	3	739	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
356	M	3	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
356	M	3	739	FS	HEART		CARDIOMYOPATHY		
356	M	3	739	FS	KIDNEY		NEPHROPATHY		
356	M	3	739	FS	LIVER		FOCUS, MIXED CELL		
356	M	3	739	FS	PANCREAS		ATROPHY, ACINAR CELL		
356	M	3	739	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
356	M	3	739	FS	RECTUM		METAZOAN PARASITE(S)		
356	M	3	739	FS	TESTIS		EDEMA, INTERSTITIUM		
357	M	3	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
357	M	3	739	FS	HARDERIAN GLAND	HG	B-ADENOMA	1	M
357	M	3	739	FS	HEART		CARDIOMYOPATHY		
357	M	3	739	FS	LIVER		FOCUS, BASOPHILIC CELL		
357	M	3	739	FS	LIVER		FOCUS, MIXED CELL		
357	M	3	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
357	M	3	739	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
357	M	3	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
358	M	3	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
358	M	3	739	FS	LIVER		FOCUS, BASOPHILIC CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
358	M	3	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
358	M	3	739	FS	PREPUTIAL GLAND		INFLAMMATION		
358	M	3	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
359	M	3	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
359	M	3	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
359	M	3	739	FS	HEART		CARDIOMYOPATHY		
359	M	3	739	FS	KIDNEY		NEPHROPATHY		
359	M	3	739	FS	LIVER		FOCUS, BASOPHILIC CELL		
359	M	3	739	FS	LIVER		HYPERPLASIA, BILE DUCT		
359	M	3	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
359	M	3	739	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
359	M	3	739	FS	STOMACH		MUCOSAL CYST, NON-GLANDULAR		
359	M	3	739	FS	TESTIS		ATROPHY, UNILATERAL		
360	M	3	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
360	M	3	739	FS	HEART		CARDIOMYOPATHY		
360	M	3	739	FS	KIDNEY		NEPHROPATHY		
360	M	3	739	FS	PREPUTIAL GLAND		INFLAMMATION		
360	M	3	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
361	M	3	743	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
361	M	3	743	FS	HEART		CARDIOMYOPATHY		
361	M	3	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
362	M	3	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
362	M	3	743	FS	LIVER		FOCUS, CLEAR CELL		
362	M	3	743	FS	LIVER		FOCUS, MIXED CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
362	M	3	743	FS	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
362	M	3	743	FS	STOMACH		ULCER, NON-GLANDULAR		
362	M	3	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
363	M	3	381	U2	LIVER		HYPERPLASIA, BILE DUCT		
363	M	3	381	U2	LIVER		INFLAMMATION		
363	M	3	381	U2	PANCREAS	PA	M-CARCINOMA, EXOCRINE	51	I
363	M	3	381	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
364	M	3	743	FS	HEART		CARDIOMYOPATHY		
364	M	3	743	FS	LN-OTHER		HYPERPLASIA, PLASMA CELL		
364	M	3	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
364	M	3	743	FS	SKIN		ULCER, EPIDERMIS		
364	M	3	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
365	M	3	704	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
365	M	3	704	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
365	M	3	704	U2	KIDNEY		NEPHROPATHY		
365	M	3	704	U2	LIVER		FOCUS, CLEAR CELL		
365	M	3	704	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
365	M	3	704	U2	ORAL MUCOSA	OC	M-CARCINOMA, SQUAMOUS CELL	57	F
365	M	3	704	U2	PREPUTIAL GLAND		INFLAMMATION		
365	M	3	704	U2	STOMACH		ULCER, NON-GLANDULAR		
366	M	3	743	FS	HARDERIAN GLAND		ATROPHY		
366	M	3	743	FS	HEART		CARDIOMYOPATHY		
366	M	3	743	FS	KIDNEY		NEPHROPATHY		
366	M	3	743	FS	LIVER		NECROSIS, HEPATOCYTE		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
366	M	3	743	FS	PARATHYROID		FIBROSIS		
366	M	3	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
367	M	3	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
367	M	3	743	FS	HEART		CARDIOMYOPATHY		
367	M	3	743	FS	KIDNEY		NEPHROPATHY		
367	M	3	743	FS	LIVER		FOCUS, EOSINOPHILIC		
367	M	3	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	M
367	M	3	743	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
367	M	3	743	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
368	M	3	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
368	M	3	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
368	M	3	743	FS	HEART		CARDIOMYOPATHY		
368	M	3	743	FS	KIDNEY		INFLAMMATION		
368	M	3	743	FS	LIVER		FOCUS, CLEAR CELL		
368	M	3	743	FS	LIVER		FOCUS, MIXED CELL		
368	M	3	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
369	M	3	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
369	M	3	745	FS	HEART		CARDIOMYOPATHY		
369	M	3	745	FS	LIVER		FOCUS, MIXED CELL		
369	M	3	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
369	M	3	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
370	M	3	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
370	M	3	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
370	M	3	745	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
370	M	3	745	FS	KIDNEY		NEPHROPATHY		
370	M	3	745	FS	LIVER		FOCUS, MIXED CELL		
370	M	3	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
370	M	3	745	FS	SKIN		ULCER, EPIDERMIS		
370	M	3	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
371	M	3	745	FS	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	M
371	M	3	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
371	M	3	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
371	M	3	745	FS	HEART		CARDIOMYOPATHY		
371	M	3	745	FS	KIDNEY		NEPHROPATHY		
371	M	3	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
371	M	3	745	FS	LIVER		FOCUS, MIXED CELL		
371	M	3	745	FS	LIVER		TELANGECTASIS		
371	M	3	745	FS	LUNG		INFLAMMATION		
371	M	3	745	FS	NOSE/TURBINATES		INFLAMMATION		
371	M	3	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
371	M	3	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
372	M	3	745	FS	HEART		CARDIOMYOPATHY		
372	M	3	745	FS	KIDNEY		NEPHROPATHY		
372	M	3	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
372	M	3	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
373	M	3	745	FS	EYE		INFLAMMATION, OCULAR		
373	M	3	745	FS	HEART		CARDIOMYOPATHY		
373	M	3	745	FS	LIVER		FOCUS, MIXED CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
374	M	3	745	FS	HEART		CARDIOMYOPATHY		
374	M	3	745	FS	LIVER		TELANGIECTASIS		
374	M	3	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS INTERMEDIA		
374	M	3	745	FS	SKIN		ULCER, EPIDERMIS		
374	M	3	745	FS	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
374	M	3	745	FS	TESTIS		EDEMA, INTERSTITIUM		
374	M	3	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
374	M	3	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
375	M	3	745	FS	HEART		CARDIOMYOPATHY		
375	M	3	745	FS	KIDNEY		INFLAMMATION		
375	M	3	745	FS	KIDNEY		NEPHROPATHY		
375	M	3	745	FS	LIVER		FOCUS, MIXED CELL		
375	M	3	745	FS	RECTUM		METAZOAN PARASITE(S)		
375	M	3	745	FS	TESTIS		ATROPHY, UNILATERAL		
375	M	3	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
376	M	3	574	U1					
377	M	3	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
377	M	3	745	FS	HEART		CARDIOMYOPATHY		
377	M	3	745	FS	KIDNEY		INFLAMMATION		
377	M	3	745	FS	KIDNEY		NEPHROPATHY		
377	M	3	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
377	M	3	745	FS	LIVER		FOCUS, MIXED CELL		
377	M	3	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
377	M	3	745	FS	PREPUTIAL GLAND		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
377	M	3	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
378	M	3	745	FS	HEART		CARDIOMYOPATHY		
378	M	3	745	FS	KIDNEY		NEPHROPATHY		
378	M	3	745	FS	LIVER		FOCUS, MIXED CELL		
378	M	3	745	FS	PREPUTIAL GLAND		INFLAMMATION		
379	M	3	746	FS	HEART		CARDIOMYOPATHY		
379	M	3	746	FS	LIVER		FOCUS, BASOPHILIC CELL		
379	M	3	746	FS	LIVER		FOCUS, CLEAR CELL		
379	M	3	746	FS	NOSE/TURBINATES		INFLAMMATION		
379	M	3	746	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
380	M	3	746	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
380	M	3	746	FS	HEART		CARDIOMYOPATHY		
380	M	3	746	FS	KIDNEY		NEPHROPATHY		
380	M	3	746	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
380	M	3	746	FS	LIVER		TELANGIECTASIS		
380	M	3	746	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
380	M	3	746	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
421	M	4	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
421	M	4	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
421	M	4	729	FS	HEART		CARDIOMYOPATHY		
421	M	4	729	FS	KIDNEY		NEPHROPATHY		
421	M	4	729	FS	LIVER		FOCUS, CLEAR CELL		
421	M	4	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
421	M	4	729	FS	LIVER		LIPIDOSIS, FOCAL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
421	M	4	729	FS	LN-MESENTERIC	LNMES	M-HEMANGIOSARCOMA	62	M
421	M	4	729	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
422	M	4	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
422	M	4	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
422	M	4	729	FS	COLON		METAZOAN PARASITE, LUMEN		
422	M	4	729	FS	HEART		CARDIOMYOPATHY		
422	M	4	729	FS	KIDNEY		NEPHROPATHY		
422	M	4	729	FS	LIVER		FOCUS, CLEAR CELL		
422	M	4	729	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
422	M	4	729	FS	PROSTATE		INFLAMMATION		
422	M	4	729	FS	SALIVARY GLAND		INFLAMMATION		
423	M	4	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
423	M	4	729	FS	HEART		CARDIOMYOPATHY		
423	M	4	729	FS	LIVER		LIPIDOSIS, DIFFUSE		
423	M	4	729	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
423	M	4	729	FS	PROSTATE		INFLAMMATION		
423	M	4	729	FS	SKIN		INFLAMMATION		
423	M	4	729	FS	SKIN		ULCER, EPIDERMIS		
423	M	4	729	FS	TESTIS		ATROPHY, UNILATERAL		
424	M	4	357	U1	HEART		CARDIOMYOPATHY		
424	M	4	357	U1	HEART		MINERALIZATION		
424	M	4	357	U1	KIDNEY		INFLAMMATION		
424	M	4	357	U1	KIDNEY		MINERALIZATION		
424	M	4	357	U1	PARATHYROID		HYPERPLASIA		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
424	M	4	357	U1	PROSTATE		INFLAMMATION		
424	M	4	357	U1	SALIVARY GLAND		NECROSIS		
424	M	4	357	U1	SPLEEN		ATROPHY, LYMPHOID		
424	M	4	357	U1	STOMACH		MINERALIZATION		
424	M	4	357	U1	THYMUS		HEMORRHAGE		
424	M	4	357	U1	URINARY BLADDER		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
425	M	4	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
425	M	4	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
425	M	4	729	FS	HEART		CARDIOMYOPATHY		
425	M	4	729	FS	KIDNEY		NEPHROPATHY		
425	M	4	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
425	M	4	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
425	M	4	729	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
425	M	4	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
425	M	4	729	FS	NOSE/TURBINATES		HYPERPLASIA, GLANDULAR EPITHELIUM		
425	M	4	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
425	M	4	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS INTERMEDIA		
425	M	4	729	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
426	M	4	729	FS	KIDNEY		NEPHROPATHY		
426	M	4	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
426	M	4	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
427	M	4	729	FS	BRAIN	BR	B-GRANULAR CELL TUMOR	19	M
427	M	4	729	FS	HEART		CARDIOMYOPATHY		
427	M	4	729	FS	LIVER		FOCUS, CLEAR CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
427	M	4	729	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
427	M	4	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
427	M	4	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
427	M	4	729	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
428	M	4	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
428	M	4	729	FS	HEART		CARDIOMYOPATHY		
428	M	4	729	FS	KIDNEY		NEPHROPATHY		
428	M	4	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
428	M	4	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
428	M	4	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
428	M	4	729	FS	SKIN		INFLAMMATION		
428	M	4	729	FS	SKIN		ULCER, EPIDERMIS		
428	M	4	729	FS	TESTIS		ATROPHY, BILATERAL		
429	M	4	731	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
429	M	4	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
429	M	4	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
430	M	4	629	U1	HEART		CARDIOMYOPATHY		
430	M	4	629	U1	KIDNEY		NEPHROPATHY		
430	M	4	629	U1	LIVER		HYPERPLASIA, BILE DUCT		
430	M	4	629	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
430	M	4	629	U1	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
430	M	4	629	U1	SKIN		INFLAMMATION		
431	M	4	731	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
431	M	4	731	FS	LIVER		FOCUS, MIXED CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
431	M	4	731	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
431	M	4	731	FS	LIVER		TELANGIECTASIS		
431	M	4	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
432	M	4	731	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
432	M	4	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
432	M	4	731	FS	HEART		CARDIOMYOPATHY		
432	M	4	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
432	M	4	731	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
433	M	4	731	FS	LIVER		INFLAMMATION		
433	M	4	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
433	M	4	731	FS	SKIN		INFLAMMATION		
433	M	4	731	FS	STOMACH		MUCOSAL CYST, NON-GLANDULAR		
434	M	4	731	FS	ADRENAL GLAND	AD	B-GANGLIONEUROMA	17	M
434	M	4	731	FS	KIDNEY		NEPHROPATHY		
434	M	4	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
434	M	4	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
434	M	4	731	FS	TESTIS		ATROPHY, UNILATERAL		
435	M	4	735	FS	HEART		CARDIOMYOPATHY		
435	M	4	735	FS	LN-MESENTERIC	LNMES	M-HEMANGIOSARCOMA	62	M
435	M	4	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
436	M	4	513	U2	KIDNEY		NEPHROPATHY		
436	M	4	513	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
436	M	4	513	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
437	M	4	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
437	M	4	735	FS	KIDNEY		NEPHROPATHY		
437	M	4	735	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
438	M	4	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
439	M	4	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
439	M	4	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
439	M	4	735	FS	HEART		CARDIOMYOPATHY		
439	M	4	735	FS	KIDNEY		NEPHROPATHY		
439	M	4	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
439	M	4	735	FS	LIVER		INFLAMMATION		
439	M	4	735	FS	LIVER		NECROSIS, HEPATOCYTE		
439	M	4	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
440	M	4	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
440	M	4	735	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
440	M	4	735	FS	TESTIS		INFLAMMATION		
441	M	4	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
441	M	4	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
441	M	4	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
441	M	4	735	FS	PROSTATE		INFLAMMATION		
441	M	4	735	FS	SKIN		INFLAMMATION		
441	M	4	735	FS	SKIN		ULCER, EPIDERMIS		
441	M	4	735	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
442	M	4	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
442	M	4	735	FS	HEART		CARDIOMYOPATHY		
442	M	4	735	FS	KIDNEY		HYDRONEPHROSIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
442	M	4	735	FS	KIDNEY		NEPHROPATHY		
442	M	4	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
442	M	4	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
442	M	4	735	FS	PREPUTIAL GLAND		INFLAMMATION		
443	M	4	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
443	M	4	735	FS	HEART		CARDIOMYOPATHY		
443	M	4	735	FS	KIDNEY		INFLAMMATION		
443	M	4	735	FS	KIDNEY		NEPHROPATHY		
443	M	4	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
444	M	4	618	U2	HEART		CARDIOMYOPATHY		
444	M	4	618	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
444	M	4	618	U2	SKIN		ULCER, EPIDERMIS		
444	M	4	618	U2	THYROID GLAND	THG	M-CARCINOMA, FOLLICULAR CELL	52	I
444	M	4	618	U2	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
445	M	4	93	U1	BONE MARROW	BM	F-LYMPHOMA	38	I
445	M	4	93	U1	SPLEEN	SP	F-LYMPHOMA	38	F
446	M	4	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
446	M	4	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
446	M	4	737	FS	HEART		CARDIOMYOPATHY		
446	M	4	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
446	M	4	737	FS	LIVER		NECROSIS, HEPATOCYTE		
446	M	4	737	FS	ORAL MUCOSA	OC	M-CARCINOMA, SQUAMOUS CELL	57	M
446	M	4	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
446	M	4	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS INTERMEDIA		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
447	M	4	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
447	M	4	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
447	M	4	737	FS	HEART		CARDIOMYOPATHY		
447	M	4	737	FS	KIDNEY		HYDRONEPHROSIS		
447	M	4	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
448	M	4	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
448	M	4	737	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
448	M	4	737	FS	HARDERIAN GLAND		INFLAMMATION		
448	M	4	737	FS	HEART		CARDIOMYOPATHY		
448	M	4	737	FS	LN-MANDIBULAR		CYSTIC DEGENERATION		
448	M	4	737	FS	LN-MANDIBULAR		HYPERPLASIA, PLASMA CELL		
448	M	4	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
448	M	4	737	FS	TESTIS	TE	M-MESOTHELIOMA	69	M
448	M	4	737	FS	TESTIS		ATROPHY, UNILATERAL		
449	M	4	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
449	M	4	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
449	M	4	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
450	M	4	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
450	M	4	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
450	M	4	737	FS	CECUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
450	M	4	737	FS	CECUM		INFLAMMATION		
450	M	4	737	FS	HEART		CARDIOMYOPATHY		
450	M	4	737	FS	KIDNEY		INFARCT, CHRONIC		
450	M	4	737	FS	KIDNEY		NEPHROPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
450	M	4	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
450	M	4	737	FS	LN-MANDIBULAR		CYSTIC DEGENERATION		
450	M	4	737	FS	LN-MANDIBULAR		HYPERPLASIA, PLASMA CELL		
450	M	4	737	FS	LN-MESENTERIC		CYSTIC DEGENERATION		
450	M	4	737	FS	LN-MESENTERIC		HYPERPLASIA, PLASMA CELL		
450	M	4	737	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
450	M	4	737	FS	LN-OTHER		CYSTIC DEGENERATION		
450	M	4	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
450	M	4	737	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
450	M	4	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
450	M	4	737	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
450	M	4	737	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
450	M	4	737	FS	TESTIS		ATROPHY, BILATERAL		
451	M	4	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
451	M	4	737	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
451	M	4	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
451	M	4	737	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
451	M	4	737	FS	RECTUM		METAZOAN PARASITE(S)		
451	M	4	737	FS	SKIN		INFLAMMATION		
451	M	4	737	FS	SKIN		ULCER, EPIDERMIS		
452	M	4	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
452	M	4	737	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
452	M	4	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
453	M	4	739	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
453	M	4	739	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
453	M	4	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
454	M	4	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
454	M	4	739	FS	HEART		CARDIOMYOPATHY		
454	M	4	739	FS	KIDNEY		NEPHROPATHY		
454	M	4	739	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
455	M	4	739	FS	JEJUNUM		DIVERTICULUM		
455	M	4	739	FS	LIVER		FOCUS, CLEAR CELL		
455	M	4	739	FS	PROSTATE		INFLAMMATION		
456	M	4	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
456	M	4	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
456	M	4	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
457	M	4	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
457	M	4	739	FS	KIDNEY		INFLAMMATION		
457	M	4	739	FS	KIDNEY		NEPHROPATHY		
457	M	4	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
457	M	4	739	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
457	M	4	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
458	M	4	739	FS	BONE MARROW		HYPERPLASIA		
458	M	4	739	FS	HEART		CARDIOMYOPATHY		
458	M	4	739	FS	LIVER		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
458	M	4	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
458	M	4	739	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
458	M	4	739	FS	ZYMBAL'S GLAND	ZY	M-CARCINOMA, SQUAMOUS CELL	57	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
459	M	4	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
459	M	4	739	FS	KIDNEY		HYDRONEPHROSIS		
459	M	4	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
460	M	4	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
460	M	4	739	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
460	M	4	739	FS	HEART		CARDIOMYOPATHY		
460	M	4	739	FS	KIDNEY		NEPHROPATHY		
460	M	4	739	FS	LN-MESENTERIC	LNMES	M-HEMANGIOSARCOMA	62	M
461	M	4	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
461	M	4	743	FS	HEART		CARDIOMYOPATHY		
461	M	4	743	FS	KIDNEY		NEPHROPATHY		
461	M	4	743	FS	LN-MESENTERIC	LNMES	M-HEMANGIOSARCOMA	62	M
461	M	4	743	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
462	M	4	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
462	M	4	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
462	M	4	743	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
462	M	4	743	FS	SKIN		INFLAMMATION		
463	M	4	743	FS	ADRENAL GLAND		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
463	M	4	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
463	M	4	743	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
463	M	4	743	FS	TESTIS		ATROPHY, UNILATERAL		
464	M	4	711	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
464	M	4	711	U2	HEART		CARDIOMYOPATHY		
464	M	4	711	U2	KIDNEY		NEPHROPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
464	M	4	711	U2	LIVER		LIPIDOSIS, MULTIFOCAL		
464	M	4	711	U2	PANCREAS	PA	B-ISLET CELL TUMOR	22	F
465	M	4	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
465	M	4	743	FS	HEART		CARDIOMYOPATHY		
465	M	4	743	FS	KIDNEY		NEPHROPATHY		
465	M	4	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
465	M	4	743	FS	PROSTATE		INFLAMMATION		
466	M	4	743	FS	HEART		CARDIOMYOPATHY		
466	M	4	743	FS	PANCREAS		ATROPHY, ACINAR CELL		
466	M	4	743	FS	SKIN	SK	B-PAPILLOMA, SQUAMOUS CELL	28	M
466	M	4	743	FS	TESTIS		ATROPHY, UNILATERAL		
467	M	4	743	FS	ADRENAL GLAND	AD	B-ADENOMA, CORTICAL	6	M
467	M	4	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
467	M	4	743	FS	HEART		CARDIOMYOPATHY		
467	M	4	743	FS	KIDNEY		INFLAMMATION		
467	M	4	743	FS	KIDNEY		NEPHROPATHY		
467	M	4	743	FS	LIVER		LIPIDOSIS, FOCAL		
467	M	4	743	FS	TESTIS		ATROPHY, BILATERAL		
467	M	4	743	FS	ZYMBAL'S GLAND	ZY	M-CARCINOMA, SQUAMOUS CELL	57	M
468	M	4	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
468	M	4	743	FS	HEART		CARDIOMYOPATHY		
468	M	4	743	FS	LIVER		FOCUS, MIXED CELL		
468	M	4	743	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
468	M	4	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
468	M	4	743	FS	RECTUM		METAZOAN PARASITE(S)		
469	M	4	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
469	M	4	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
469	M	4	745	FS	HEART		CARDIOMYOPATHY		
470	M	4	745	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
470	M	4	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
470	M	4	745	FS	PARATHYROID		HYPERPLASIA		
470	M	4	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
470	M	4	745	FS	PREPUTIAL GLAND		INFLAMMATION		
470	M	4	745	FS	SKIN	SK	M-FIBROSARCOMA	61	M
470	M	4	745	FS	TESTIS		ATROPHY, BILATERAL		
470	M	4	745	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
471	M	4	294	U2	KIDNEY		HYPERPLASIA, TUBULAR		
471	M	4	294	U2	KIDNEY		NEPHROPATHY		
471	M	4	294	U2	SPINAL CORD	SC	M-EPENDYMOMA, ANAPLASTIC	60	F
472	M	4	513	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
472	M	4	513	U2	HEART		CARDIOMYOPATHY		
472	M	4	513	U2	KIDNEY		NEPHROPATHY		
472	M	4	513	U2	PANCREAS	PA	B-ISLET CELL TUMOR	22	I
472	M	4	513	U2	PARATHYROID		HYPERPLASIA		
472	M	4	513	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
472	M	4	513	U2	PROSTATE		INFLAMMATION		
472	M	4	513	U2	SPLEEN		ATROPHY, LYMPHOID		
473	M	4	745	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
473	M	4	745	FS	PROSTATE		INFLAMMATION		
473	M	4	745	FS	SKIN		CYST, EPITHELIAL INCLUSION		
473	M	4	745	FS	SKIN		HYPERPLASIA, EPIDERMIS		
473	M	4	745	FS	URINARY BLADDER	UB	M-CARCINOMA, TRANSITIONAL CELL	58	M
474	M	4	745	FS	HEART		CARDIOMYOPATHY		
474	M	4	745	FS	KIDNEY		NEPHROPATHY		
474	M	4	745	FS	SEMINAL VESICLE		DUCT ECTASIA		
474	M	4	745	FS	THYROID GLAND	THG	M-CARCINOMA, FOLLICULAR CELL	52	M
475	M	4	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
475	M	4	745	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
475	M	4	745	FS	KIDNEY		HYDRONEPHROSIS		
475	M	4	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
475	M	4	745	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
476	M	4	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
476	M	4	745	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
476	M	4	745	FS	HEART		CARDIOMYOPATHY		
476	M	4	745	FS	KIDNEY		NEPHROPATHY		
476	M	4	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
476	M	4	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
476	M	4	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
477	M	4	654	U2	HEART		CARDIOMYOPATHY		
477	M	4	654	U2	KIDNEY		NEPHROPATHY		
477	M	4	654	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
477	M	4	654	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
477	M	4	654	U2	SKIN		ULCER, EPIDERMIS		
478	M	4	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
478	M	4	745	FS	HEART		CARDIOMYOPATHY		
478	M	4	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
479	M	4	746	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
479	M	4	746	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
479	M	4	746	FS	HEART		CARDIOMYOPATHY		
479	M	4	746	FS	JEJUNUM		DIVERTICULUM		
479	M	4	746	FS	JEJUNUM		INFLAMMATION		
479	M	4	746	FS	KIDNEY		CYST(S), TUBULAR		
479	M	4	746	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
479	M	4	746	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
480	M	4	711	U1	ADRENAL GLAND		HYPERPLASIA, CORTEX		
480	M	4	711	U1	ADRENAL GLAND		NECROSIS, CORTEX		
480	M	4	711	U1	CECUM		INFLAMMATION		
480	M	4	711	U1	EPIDIDYMIS		ATROPHY, UNILATERAL		
480	M	4	711	U1	HARDERIAN GLAND		HYPERPLASIA, GLANDULAR EPITHELIUM		
480	M	4	711	U1	HEART		CARDIOMYOPATHY		
480	M	4	711	U1	KIDNEY		NEPHROPATHY		
480	M	4	711	U1	LIVER		HYPERPLASIA, BILE DUCT		
480	M	4	711	U1	LUNG		INFLAMMATION, FOREIGN BODY		
480	M	4	711	U1	PHARYNX		INFLAMMATION		
480	M	4	711	U1	PROSTATE		INFLAMMATION		
480	M	4	711	U1	SEMINAL VESICLE		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
480	M	4	711	U1	TESTIS		ATROPHY, UNILATERAL		
480	M	4	711	U1	TESTIS		EDEMA, INTERSTITIUM		
480	M	4	711	U1	THYROID GLAND		HYPERPLASIA, C-CELL		
480	M	4	711	U1	URINARY BLADDER		INFLAMMATION		
521	M	5	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
521	M	5	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
521	M	5	729	FS	BONE MARROW		MARROW LIPOMATOSIS		
521	M	5	729	FS	LIVER		FOCUS, EOSINOPHILIC		
521	M	5	729	FS	LIVER		FOCUS, MIXED CELL		
521	M	5	729	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
521	M	5	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
521	M	5	729	FS	PANCREAS		HYPERPLASIA, ACINAR CELL		
521	M	5	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
521	M	5	729	FS	PROSTATE		INFLAMMATION		
521	M	5	729	FS	TESTIS		ATROPHY, UNILATERAL		
521	M	5	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
522	M	5	729	FS	COLON		METAZOAN PARASITE, LUMEN		
522	M	5	729	FS	EPIDIDYMIS	EP	M-MESOTHELIOMA	69	M
522	M	5	729	FS	HEART		CARDIOMYOPATHY		
522	M	5	729	FS	LIVER		DILATATION, BILE DUCT		
522	M	5	729	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
522	M	5	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
522	M	5	729	FS	TESTIS	TE	M-MESOTHELIOMA	69	M
522	M	5	729	FS	THYROID GLAND		HYPERPLASIA, C-CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
523	M	5	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
523	M	5	729	FS	HEART		CARDIOMYOPATHY		
524	M	5	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
524	M	5	729	FS	HEART		CARDIOMYOPATHY		
524	M	5	729	FS	KIDNEY		NEPHROPATHY		
524	M	5	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
525	M	5	729	FS	KIDNEY		NEPHROPATHY		
525	M	5	729	FS	LIVER		HEPATODIAPHRAGMATIC NODULE (HDN)		
525	M	5	729	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
526	M	5	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
526	M	5	729	FS	EYE		CATARACT		
526	M	5	729	FS	EYE		RETINAL DETACHMENT		
526	M	5	729	FS	KIDNEY		NECROSIS, PAPILLARY		
526	M	5	729	FS	LIVER		FOCUS, MIXED CELL		
526	M	5	729	FS	LIVER		INFLAMMATION		
526	M	5	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
526	M	5	729	FS	PARATHYROID		HYPERPLASIA		
526	M	5	729	FS	RECTUM		METAZOAN PARASITE(S)		
527	M	5	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
527	M	5	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
527	M	5	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
527	M	5	729	FS	HEART		CARDIOMYOPATHY		
527	M	5	729	FS	KIDNEY		NEPHROPATHY		
527	M	5	729	FS	LIVER		LIPIDOSIS, FOCAL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
527	M	5	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
527	M	5	729	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
527	M	5	729	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
528	M	5	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
528	M	5	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
528	M	5	729	FS	HEART		CARDIOMYOPATHY		
528	M	5	729	FS	KIDNEY		NEPHROPATHY		
528	M	5	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
528	M	5	729	FS	LIVER		FOCUS, CLEAR CELL		
528	M	5	729	FS	LIVER		LIPIDOSIS, FOCAL		
528	M	5	729	FS	LUNG		EOSINOPHILIC CRYSTALS		
528	M	5	729	FS	LUNG		INFLAMMATION		
529	M	5	731	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
529	M	5	731	FS	HEART		CARDIOMYOPATHY		
529	M	5	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
530	M	5	676	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
530	M	5	676	U2	ADRENAL GLAND		HYPERTROPHY, CORTEX		
530	M	5	676	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
530	M	5	676	U2	BONE MARROW		MARROW LIPOMATOSIS		
530	M	5	676	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
531	M	5	731	FS	ADRENAL GLAND		DEGENERATION, CYSTIC		
531	M	5	731	FS	KIDNEY		HYDRONEPHROSIS		
531	M	5	731	FS	SKIN		ULCER, EPIDERMIS		
532	M	5	534	U2	HARDERIAN GLAND		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
532	M	5	534	U2	HEART		CARDIOMYOPATHY		
532	M	5	534	U2	PHARYNX		INFLAMMATION		
532	M	5	534	U2	SKIN	SK	F-LYMPHOMA	38	F
532	M	5	534	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
533	M	5	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
533	M	5	731	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
533	M	5	731	FS	BONE MARROW		MARROW LIPOMATOSIS		
533	M	5	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
533	M	5	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
534	M	5	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
534	M	5	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
534	M	5	731	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
534	M	5	731	FS	HEART		CARDIOMYOPATHY		
534	M	5	731	FS	LIVER		DILATATION, BILE DUCT		
534	M	5	731	FS	PARATHYROID		HYPERPLASIA		
534	M	5	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
535	M	5	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
535	M	5	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
535	M	5	735	FS	BONE MARROW		MARROW LIPOMATOSIS		
535	M	5	735	FS	KIDNEY		NEPHROPATHY		
535	M	5	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
535	M	5	735	FS	LIVER		FOCUS, CLEAR CELL		
535	M	5	735	FS	LIVER		FOCUS, EOSINOPHILIC		
535	M	5	735	FS	LIVER		FOCUS, MIXED CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
535	M	5	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
535	M	5	735	FS	LUNG		INFLAMMATION		
535	M	5	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
535	M	5	735	FS	SKIN		HYPERPLASIA, EPIDERMIS		
535	M	5	735	FS	SKIN		INFLAMMATION		
535	M	5	735	FS	THYMUS	THY	M-THYMOMA	80	M
535	M	5	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
536	M	5	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
536	M	5	735	FS	KIDNEY		INFLAMMATION		
536	M	5	735	FS	KIDNEY		NEPHROPATHY		
536	M	5	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
536	M	5	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
536	M	5	735	FS	SKIN		INFLAMMATION		
536	M	5	735	FS	SKIN		ULCER, EPIDERMIS		
537	M	5	708	U1	HEART		CARDIOMYOPATHY		
537	M	5	708	U1	HEART		THROMBOSIS		
537	M	5	708	U1	LUNG		THROMBOSIS		
537	M	5	708	U1	PROSTATE		INFLAMMATION		
537	M	5	708	U1	SPLEEN		ATROPHY, LYMPHOID		
537	M	5	708	U1	THYROID GLAND		HYPERPLASIA, C-CELL		
538	M	5	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
538	M	5	735	FS	HEART		CARDIOMYOPATHY		
538	M	5	735	FS	KIDNEY		NEPHROPATHY		
538	M	5	735	FS	LIVER		LIPIDOSIS, MULTIFOCAL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
538	M	5	735	FS	PARATHYROID		HYPERPLASIA		
538	M	5	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
538	M	5	735	FS	TESTIS		ATROPHY, BILATERAL		
538	M	5	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
539	M	5	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
539	M	5	735	FS	HEART		CARDIOMYOPATHY		
539	M	5	735	FS	KIDNEY		NEPHROPATHY		
539	M	5	735	FS	LIVER		INFLAMMATION		
539	M	5	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
540	M	5	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
540	M	5	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
540	M	5	735	FS	HEART		CARDIOMYOPATHY		
540	M	5	735	FS	KIDNEY		NEPHROPATHY		
540	M	5	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
540	M	5	735	FS	MESENTERY		CYST(S), ECTOPIC EPITHELIUM		
540	M	5	735	FS	MESENTERY		NECROSIS, MESENTERIC FAT		
540	M	5	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
540	M	5	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
541	M	5	735	FS	KIDNEY		NEPHROPATHY		
541	M	5	735	FS	LIVER		INFLAMMATION		
541	M	5	735	FS	PANCREAS		ATROPHY, ACINAR CELL		
541	M	5	735	FS	PROSTATE		INFLAMMATION		
541	M	5	735	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
541	M	5	735	FS	TESTIS		ATROPHY, UNILATERAL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
542	M	5	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
542	M	5	735	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
543	M	5	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
543	M	5	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
543	M	5	735	FS	KIDNEY		NEPHROPATHY		
543	M	5	735	FS	LIVER		DILATATION, BILE DUCT		
543	M	5	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
543	M	5	735	FS	LUNG		INFLAMMATION		
543	M	5	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
544	M	5	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
544	M	5	735	FS	BONE MARROW		MARROW LIPOMATOSIS		
544	M	5	735	FS	LIVER		FIBROSIS		
544	M	5	735	FS	LIVER		FOCUS, CLEAR CELL		
544	M	5	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
545	M	5	737	FS	EYE		ATROPHY, RETINA		
545	M	5	737	FS	EYE		CATARACT		
545	M	5	737	FS	KIDNEY		HYDRONEPHROSIS		
545	M	5	737	FS	LIVER		FOCUS, MIXED CELL		
545	M	5	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
545	M	5	737	FS	SKIN		INFLAMMATION		
545	M	5	737	FS	SKIN		ULCER, EPIDERMIS		
545	M	5	737	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
545	M	5	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
546	M	5	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
546	M	5	737	FS	KIDNEY		NEPHROPATHY		
546	M	5	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
546	M	5	737	FS	RECTUM		METAZOAN PARASITE(S)		
546	M	5	737	FS	ZYMBAL'S GLAND	ZY	M-CARCINOMA, SQUAMOUS CELL	57	M
547	M	5	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
547	M	5	737	FS	HEART		CARDIOMYOPATHY		
547	M	5	737	FS	KIDNEY		NEPHROPATHY		
547	M	5	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
548	M	5	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
548	M	5	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
548	M	5	737	FS	HEART		CARDIOMYOPATHY		
548	M	5	737	FS	KIDNEY		NEPHROPATHY		
548	M	5	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
549	M	5	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
549	M	5	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
549	M	5	737	FS	PANCREAS		ATROPHY, ACINAR CELL		
549	M	5	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
549	M	5	737	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
550	M	5	737	FS	BRAIN	BR	B-GRANULAR CELL TUMOR	19	M
550	M	5	737	FS	HEART		CARDIOMYOPATHY		
550	M	5	737	FS	KIDNEY		NEPHROPATHY		
550	M	5	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
550	M	5	737	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
550	M	5	737	FS	STOMACH		INFLAMMATION, NON-GLANDULAR		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
550	M	5	737	FS	STOMACH		ULCER, NON-GLANDULAR		
550	M	5	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
551	M	5	737	FS	HEART		CARDIOMYOPATHY		
551	M	5	737	FS	KIDNEY		NEPHROPATHY		
551	M	5	737	FS	PREPUTIAL GLAND		INFLAMMATION		
551	M	5	737	FS	RECTUM		METAZOAN PARASITE(S)		
551	M	5	737	FS	TESTIS		ATROPHY, UNILATERAL		
552	M	5	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
552	M	5	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
552	M	5	737	FS	HEART		CARDIOMYOPATHY		
552	M	5	737	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
553	M	5	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
553	M	5	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
553	M	5	739	FS	HEART		CARDIOMYOPATHY		
553	M	5	739	FS	KIDNEY		NEPHROPATHY		
553	M	5	739	FS	LIVER		FOCUS, EOSINOPHILIC		
553	M	5	739	FS	LIVER		LIPIDOSIS, FOCAL		
553	M	5	739	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
553	M	5	739	FS	PROSTATE		INFLAMMATION		
553	M	5	739	FS	RECTUM		METAZOAN PARASITE(S)		
553	M	5	739	FS	TESTIS		ATROPHY, UNILATERAL		
554	M	5	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
554	M	5	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
554	M	5	739	FS	BONE MARROW		MARROW LIPOMATOSIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
554	M	5	739	FS	HEART		CARDIOMYOPATHY		
554	M	5	739	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
554	M	5	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
555	M	5	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
555	M	5	739	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
555	M	5	739	FS	LIVER		HYPERPLASIA, BILE DUCT		
555	M	5	739	FS	LIVER		LIPIDOSIS, FOCAL		
555	M	5	739	FS	LUNG		INFLAMMATION		
555	M	5	739	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
556	M	5	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
556	M	5	739	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
556	M	5	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
556	M	5	739	FS	EPIDIDYMIS	EP	M-MESOTHELIOMA	69	M
556	M	5	739	FS	HEART		CARDIOMYOPATHY		
556	M	5	739	FS	KIDNEY		NEPHROPATHY		
556	M	5	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
556	M	5	739	FS	PREPUTIAL GLAND		INFLAMMATION		
556	M	5	739	FS	SKIN		INFLAMMATION		
556	M	5	739	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
556	M	5	739	FS	TESTIS		ATROPHY, BILATERAL		
556	M	5	739	FS	TONGUE		HYPERPLASIA, MUCOSAL EPITHELIUM		
557	M	5	739	FS	KIDNEY		INFLAMMATION		
557	M	5	739	FS	LIVER		FOCUS, CLEAR CELL		
557	M	5	739	FS	PANCREAS		HYPERPLASIA, ISLET CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
557	M	5	739	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
557	M	5	739	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
558	M	5	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
558	M	5	739	FS	HEART		CARDIOMYOPATHY		
558	M	5	739	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
558	M	5	739	FS	RECTUM		METAZOAN PARASITE(S)		
558	M	5	739	FS	SKIN		ULCER, EPIDERMIS		
558	M	5	739	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
558	M	5	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
559	M	5	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
559	M	5	739	FS	HEART		CARDIOMYOPATHY		
559	M	5	739	FS	KIDNEY		NEPHROPATHY		
559	M	5	739	FS	PANCREAS		ATROPHY, ACINAR CELL		
559	M	5	739	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
559	M	5	739	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
560	M	5	739	FS	EPIDIDYMIS	EP	M-MESOTHELIOMA	69	M
560	M	5	739	FS	HEART		CARDIOMYOPATHY		
560	M	5	739	FS	KIDNEY		NEPHROPATHY		
560	M	5	739	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
561	M	5	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
561	M	5	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
561	M	5	743	FS	HEART		CARDIOMYOPATHY		
561	M	5	743	FS	KIDNEY		NEPHROPATHY		
561	M	5	743	FS	LIVER		FIBROSIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
561	M	5	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
561	M	5	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
561	M	5	743	FS	PHARYNX		INFLAMMATION		
562	M	5	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
562	M	5	743	FS	HEART		CARDIOMYOPATHY		
562	M	5	743	FS	KIDNEY		NEPHROPATHY		
562	M	5	743	FS	LIVER		INFLAMMATION		
562	M	5	743	FS	PANCREAS		ATROPHY, ACINAR CELL		
562	M	5	743	FS	PROSTATE		INFLAMMATION		
563	M	5	672	U2	HEART		CARDIOMYOPATHY		
563	M	5	672	U2	KIDNEY		NEPHROPATHY		
563	M	5	672	U2	LIVER		FOCUS, CLEAR CELL		
563	M	5	672	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
563	M	5	672	U2	STOMACH		INFLAMMATION, NON-GLANDULAR		
563	M	5	672	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
564	M	5	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
564	M	5	743	FS	KIDNEY		NEPHROPATHY		
564	M	5	743	FS	LIVER		FIBROSIS		
564	M	5	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
564	M	5	743	FS	LIVER		INFLAMMATION		
564	M	5	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
565	M	5	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
565	M	5	743	FS	HEART		CARDIOMYOPATHY		
565	M	5	743	FS	KIDNEY		NEPHROPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
565	M	5	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
565	M	5	743	FS	LIVER		FOCUS, MIXED CELL		
565	M	5	743	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
565	M	5	743	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
565	M	5	743	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
566	M	5	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
566	M	5	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
566	M	5	743	FS	HEART		CARDIOMYOPATHY		
566	M	5	743	FS	KIDNEY		NEPHROPATHY		
566	M	5	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
566	M	5	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
566	M	5	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
566	M	5	743	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
566	M	5	743	FS	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
567	M	5	552	U1	HEART		CARDIOMYOPATHY		
567	M	5	552	U1	LIVER		FOCUS, EOSINOPHILIC		
567	M	5	552	U1	LN-MESENTERIC	LNMES	M-HEMANGIOSARCOMA	62	F
567	M	5	552	U1	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
568	M	5	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
568	M	5	743	FS	HEART		CARDIOMYOPATHY		
568	M	5	743	FS	KIDNEY		HYDRONEPHROSIS		
568	M	5	743	FS	KIDNEY		NEPHROPATHY		
568	M	5	743	FS	LIVER		FOCUS, EOSINOPHILIC		
569	M	5	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
569	M	5	745	FS	HEART		CARDIOMYOPATHY		
569	M	5	745	FS	KIDNEY		NEPHROPATHY		
569	M	5	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
569	M	5	745	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
569	M	5	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
569	M	5	745	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
569	M	5	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
569	M	5	745	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
570	M	5	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
570	M	5	745	FS	HEART		CARDIOMYOPATHY		
570	M	5	745	FS	KIDNEY		NEPHROPATHY		
570	M	5	745	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
570	M	5	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
570	M	5	745	FS	PROSTATE		INFLAMMATION		
570	M	5	745	FS	SKIN		INFLAMMATION		
570	M	5	745	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
571	M	5	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
571	M	5	745	FS	LIVER		FOCUS, CLEAR CELL		
571	M	5	745	FS	LIVER		FOCUS, MIXED CELL		
571	M	5	745	FS	PARATHYROID		HYPERPLASIA		
571	M	5	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
571	M	5	745	FS	SPLEEN	SP	B-HEMANGIOMA	21	M
572	M	5	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
572	M	5	745	FS	KIDNEY		NEPHROPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
572	M	5	745	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
572	M	5	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
573	M	5	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
573	M	5	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
573	M	5	745	FS	HEART		CARDIOMYOPATHY		
573	M	5	745	FS	KIDNEY		NEPHROPATHY		
573	M	5	745	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
573	M	5	745	FS	LUNG	LU	M-CARCINOMA, BRONCHIOLAR-ALVEOLAR	50	M
573	M	5	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
573	M	5	745	FS	TESTIS		ATROPHY, BILATERAL		
573	M	5	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
574	M	5	745	FS	KIDNEY		NEPHROPATHY		
574	M	5	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
574	M	5	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
574	M	5	745	FS	PREPUTIAL GLAND		INFLAMMATION		
574	M	5	745	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
574	M	5	745	FS	TESTIS		ATROPHY, UNILATERAL		
575	M	5	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
575	M	5	745	FS	HEART		CARDIOMYOPATHY		
575	M	5	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
575	M	5	745	FS	LIVER		FOCUS, CLEAR CELL		
575	M	5	745	FS	LIVER		INFLAMMATION		
575	M	5	745	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
575	M	5	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
575	M	5	745	FS	STOMACH		MINERALIZATION		
575	M	5	745	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
575	M	5	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
576	M	5	745	FS	HEART		CARDIOMYOPATHY		
576	M	5	745	FS	KIDNEY		NEPHROPATHY		
576	M	5	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
576	M	5	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
576	M	5	745	FS	PROSTATE		INFLAMMATION		
576	M	5	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
577	M	5	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
577	M	5	745	FS	BRAIN	BR	M-ASTROCYTOMA	39	M
577	M	5	745	FS	KIDNEY		NEPHROPATHY		
577	M	5	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
577	M	5	745	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
577	M	5	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
577	M	5	745	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
577	M	5	745	FS	STOMACH		MINERALIZATION		
578	M	5	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
578	M	5	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
578	M	5	745	FS	KIDNEY		HYDRONEPHROSIS		
578	M	5	745	FS	KIDNEY		INFLAMMATION		
578	M	5	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
578	M	5	745	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
578	M	5	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
578	M	5	745	FS	PROSTATE		INFLAMMATION		
578	M	5	745	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
578	M	5	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
578	M	5	745	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
579	M	5	619	U2	EPIDIDYMIS		INFLAMMATION		
579	M	5	619	U2	HEART		CARDIOMYOPATHY		
579	M	5	619	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
579	M	5	619	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
579	M	5	619	U2	TESTIS		ATROPHY, BILATERAL		
580	M	5	746	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
580	M	5	746	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
580	M	5	746	FS	HEART		CARDIOMYOPATHY		
580	M	5	746	FS	KIDNEY		NEPHROPATHY		
621	M	6	729	FS	HEART		CARDIOMYOPATHY		
621	M	6	729	FS	KIDNEY		INFARCT, CHRONIC		
621	M	6	729	FS	LIVER		TELANGIECTASIS		
621	M	6	729	FS	PANCREAS		ATROPHY, ACINAR CELL		
621	M	6	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
621	M	6	729	FS	TESTIS		ATROPHY, BILATERAL		
621	M	6	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
622	M	6	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
622	M	6	729	FS	HEART		CARDIOMYOPATHY		
622	M	6	729	FS	KIDNEY		NEPHROPATHY		
622	M	6	729	FS	LIVER		HYPERPLASIA, BILE DUCT		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
622	M	6	729	FS	LIVER		INFLAMMATION		
622	M	6	729	FS	RECTUM		METAZOAN PARASITE(S)		
622	M	6	729	FS	SKIN		INFLAMMATION		
622	M	6	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
622	M	6	729	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
622	M	6	729	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
623	M	6	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
623	M	6	729	FS	LIVER		FOCUS, CLEAR CELL		
623	M	6	729	FS	LIVER		FOCUS, MIXED CELL		
623	M	6	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
623	M	6	729	FS	LUNG		INFLAMMATION		
623	M	6	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
624	M	6	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
624	M	6	729	FS	HEART		CARDIOMYOPATHY		
624	M	6	729	FS	LIVER		LIPIDOSIS, FOCAL		
624	M	6	729	FS	PANCREAS		ATROPHY, ACINAR CELL		
624	M	6	729	FS	PREPUTIAL GLAND		INFLAMMATION		
624	M	6	729	FS	SKIN		INFLAMMATION		
624	M	6	729	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
625	M	6	513	U2	HEART		CARDIOMYOPATHY		
625	M	6	513	U2	LIVER		HYPERPLASIA, BILE DUCT		
625	M	6	513	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
625	M	6	513	U2	STOMACH		INFLAMMATION, NON-GLANDULAR		
625	M	6	513	U2	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
626	M	6	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
626	M	6	729	FS	HEART		CARDIOMYOPATHY		
626	M	6	729	FS	PREPUTIAL GLAND		INFLAMMATION		
627	M	6	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
627	M	6	729	FS	HEART		CARDIOMYOPATHY		
627	M	6	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
627	M	6	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
628	M	6	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
628	M	6	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
628	M	6	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
628	M	6	729	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
628	M	6	729	FS	PROSTATE		INFLAMMATION		
629	M	6	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
629	M	6	731	FS	HEART		CARDIOMYOPATHY		
629	M	6	731	FS	KIDNEY		NEPHROPATHY		
629	M	6	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
629	M	6	731	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
629	M	6	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
629	M	6	731	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
629	M	6	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
629	M	6	731	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
630	M	6	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
630	M	6	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
630	M	6	731	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
630	M	6	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
630	M	6	731	FS	TESTIS		ATROPHY, BILATERAL		
630	M	6	731	FS	TESTIS		EDEMA, INTERSTITIUM		
631	M	6	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
631	M	6	731	FS	HEART		CARDIOMYOPATHY		
631	M	6	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
631	M	6	731	FS	SKIN		ULCER, EPIDERMIS		
632	M	6	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
632	M	6	731	FS	KIDNEY		NEPHROPATHY		
632	M	6	731	FS	NOSE/TURBINATES		INFLAMMATION		
633	M	6	731	FS	HEART		CARDIOMYOPATHY		
633	M	6	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
633	M	6	731	FS	STOMACH		DYSPLASIA, NON-GLANDULAR EPITHELIUM		
633	M	6	731	FS	TESTIS		ATROPHY, UNILATERAL		
633	M	6	731	FS	TESTIS		EDEMA, INTERSTITIUM		
634	M	6	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
634	M	6	731	FS	HEART		CARDIOMYOPATHY		
634	M	6	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
634	M	6	731	FS	LIVER		INFLAMMATION		
634	M	6	731	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
634	M	6	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
634	M	6	731	FS	RECTUM		METAZOAN PARASITE(S)		
635	M	6	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
635	M	6	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
635	M	6	735	FS	HEART		CARDIOMYOPATHY		
635	M	6	735	FS	KIDNEY		NEPHROPATHY		
635	M	6	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
635	M	6	735	FS	LN-MESENTERIC		CYSTIC DEGENERATION		
635	M	6	735	FS	PANCREAS		HYPERPLASIA, ACINAR CELL		
635	M	6	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
635	M	6	735	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
635	M	6	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
635	M	6	735	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
636	M	6	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
636	M	6	735	FS	HEART		CARDIOMYOPATHY		
636	M	6	735	FS	KIDNEY		HYDRONEPHROSIS		
636	M	6	735	FS	KIDNEY		NEPHROPATHY		
636	M	6	735	FS	LIVER		FOCUS, MIXED CELL		
636	M	6	735	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
636	M	6	735	FS	LUNG	LU	B-ADENOMA, BRONCHIOLAR-ALVEOLAR	4	M
636	M	6	735	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
636	M	6	735	FS	RECTUM		METAZOAN PARASITE(S)		
636	M	6	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
637	M	6	735	FS	KIDNEY		HYDRONEPHROSIS		
637	M	6	735	FS	PREPUTIAL GLAND		INFLAMMATION		
638	M	6	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
638	M	6	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
638	M	6	735	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
638	M	6	735	FS	SKIN		ULCER, EPIDERMIS		
639	M	6	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
639	M	6	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
639	M	6	735	FS	SKIN		ULCER, EPIDERMIS		
640	M	6	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
640	M	6	735	FS	LN-MESENTERIC	LNMES	B-HEMANGIOMA	21	M
640	M	6	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
640	M	6	735	FS	SKIN		ULCER, EPIDERMIS		
640	M	6	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
641	M	6	724	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
641	M	6	724	U1	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I
642	M	6	732	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
642	M	6	732	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
642	M	6	732	U2	EYE		ATROPHY/DEGENERATION		
642	M	6	732	U2	EYE		INFLAMMATION, PERIOULAR		
642	M	6	732	U2	KIDNEY		NEPHROPATHY		
642	M	6	732	U2	LN-MESENTERIC	LNMES	M-HEMANGIOSARCOMA	62	F
642	M	6	732	U2	LUNG		INFLAMMATION		
642	M	6	732	U2	PARATHYROID		HYPERPLASIA		
642	M	6	732	U2	SKIN		ULCER, EPIDERMIS		
642	M	6	732	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
642	M	6	732	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
643	M	6	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
643	M	6	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
643	M	6	735	FS	TESTIS		ATROPHY, UNILATERAL		
643	M	6	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
644	M	6	735	FS	HEART		CARDIOMYOPATHY		
644	M	6	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
644	M	6	735	FS	LIVER		FOCUS, CLEAR CELL		
644	M	6	735	FS	PREPUTIAL GLAND		INFLAMMATION		
644	M	6	735	FS	SKIN	SK	B-ADENOMA, BASAL CELL	2	M
644	M	6	735	FS	TESTIS		ATROPHY, UNILATERAL		
644	M	6	735	FS	TESTIS		EDEMA, INTERSTITIUM		
644	M	6	735	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
644	M	6	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
645	M	6	737	FS	PREPUTIAL GLAND		INFLAMMATION		
645	M	6	737	FS	TESTIS		ATROPHY, UNILATERAL		
645	M	6	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
646	M	6	420	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
646	M	6	420	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
646	M	6	420	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
646	M	6	420	U2	PROSTATE		INFLAMMATION		
646	M	6	420	U2	SKIN	SK	B-ADENOMA, BASAL CELL	2	I
647	M	6	737	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
647	M	6	737	FS	HEART		CARDIOMYOPATHY		
647	M	6	737	FS	KIDNEY		INFLAMMATION		
647	M	6	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
647	M	6	737	FS	LN-OTHER		CYSTIC DEGENERATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
647	M	6	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
647	M	6	737	FS	NOSE/TURBINATES		INFLAMMATION		
647	M	6	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
647	M	6	737	FS	SKIN		INFLAMMATION		
647	M	6	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
648	M	6	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
648	M	6	737	FS	PANCREAS		ATROPHY, ACINAR CELL		
648	M	6	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
648	M	6	737	FS	SKIN		INFLAMMATION		
649	M	6	691	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
649	M	6	691	U2	KIDNEY		HYDRONEPHROSIS		
649	M	6	691	U2	KIDNEY		NEPHROPATHY		
649	M	6	691	U2	PENIS	P	M-LYMPHOMA, EPITHELIOTROPIC	67	F
649	M	6	691	U2	PENIS		INFLAMMATION		
649	M	6	691	U2	SKIN		ULCER, EPIDERMIS		
649	M	6	691	U2	TESTIS		ATROPHY, UNILATERAL		
650	M	6	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
650	M	6	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
650	M	6	737	FS	HEART		CARDIOMYOPATHY		
650	M	6	737	FS	LIVER		DILATATION, BILE DUCT		
650	M	6	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
650	M	6	737	FS	PREPUTIAL GLAND		INFLAMMATION		
651	M	6	737	FS	HEART		CARDIOMYOPATHY		
651	M	6	737	FS	KIDNEY		NEPHROPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
651	M	6	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
651	M	6	737	FS	SKIN		ULCER, EPIDERMIS		
651	M	6	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
652	M	6	737	FS	ADRENAL GLAND		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
652	M	6	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
652	M	6	737	FS	HEART		CARDIOMYOPATHY		
652	M	6	737	FS	KIDNEY		HYDRONEPHROSIS		
652	M	6	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
652	M	6	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
652	M	6	737	FS	SKIN		ULCER, EPIDERMIS		
652	M	6	737	FS	TESTIS		ATROPHY, UNILATERAL		
652	M	6	737	FS	TESTIS		EDEMA, INTERSTITIUM		
652	M	6	737	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
653	M	6	739	FS	KIDNEY		NEPHROPATHY		
653	M	6	739	FS	LIVER		HYPERPLASIA, BILE DUCT		
653	M	6	739	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
654	M	6	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
654	M	6	739	FS	HEART		CARDIOMYOPATHY		
654	M	6	739	FS	LIVER		HYPERPLASIA, BILE DUCT		
654	M	6	739	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
654	M	6	739	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
654	M	6	739	FS	PANCREAS		ATROPHY, ACINAR CELL		
654	M	6	739	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
654	M	6	739	FS	SKIN		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
655	M	6	739	FS	ADRENAL GLAND	AD	B-PHEOCHROMOCYTOMA	29	M
655	M	6	739	FS	HEART		CARDIOMYOPATHY		
655	M	6	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
656	M	6	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
656	M	6	739	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
656	M	6	739	FS	JEJUNUM		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
656	M	6	739	FS	JEJUNUM		INFLAMMATION		
656	M	6	739	FS	JEJUNUM		ULCER		
656	M	6	739	FS	KIDNEY		NEPHROPATHY		
656	M	6	739	FS	LIVER		HYPERPLASIA, BILE DUCT		
656	M	6	739	FS	PANCREAS		ATROPHY, ACINAR CELL		
656	M	6	739	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
656	M	6	739	FS	SPLEEN		HYPERPLASIA, PLASMA CELL		
657	M	6	739	FS	HEART		CARDIOMYOPATHY		
657	M	6	739	FS	NOSE/TURBINATES		INFLAMMATION		
657	M	6	739	FS	PANCREAS	PA	B-ISLET CELL TUMOR	22	M
657	M	6	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS INTERMEDIA		
657	M	6	739	FS	SKIN		ULCER, EPIDERMIS		
657	M	6	739	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
658	M	6	739	FS	HEART		CARDIOMYOPATHY		
658	M	6	739	FS	KIDNEY		NEPHROPATHY		
658	M	6	739	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
658	M	6	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
658	M	6	739	FS	PREPUTIAL GLAND		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
658	M	6	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
659	M	6	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
659	M	6	739	FS	HEART		CARDIOMYOPATHY		
659	M	6	739	FS	KIDNEY		NEPHROPATHY		
659	M	6	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
659	M	6	739	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
659	M	6	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
660	M	6	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
660	M	6	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
660	M	6	739	FS	HEART		CARDIOMYOPATHY		
660	M	6	739	FS	KIDNEY		NEPHROPATHY		
660	M	6	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
660	M	6	739	FS	SKIN		ULCER, EPIDERMIS		
660	M	6	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
661	M	6	681	U2	HARDERIAN GLAND		HYPERPLASIA, GLANDULAR EPITHELIUM		
661	M	6	681	U2	HEART		CARDIOMYOPATHY		
661	M	6	681	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
661	M	6	681	U2	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	I
662	M	6	87	U2					
663	M	6	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
663	M	6	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
663	M	6	743	FS	HEART		CARDIOMYOPATHY		
663	M	6	743	FS	KIDNEY		NEPHROPATHY		
663	M	6	743	FS	LIVER		FOCUS, CLEAR CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
663	M	6	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
663	M	6	743	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
664	M	6	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
664	M	6	743	FS	HEART		CARDIOMYOPATHY		
664	M	6	743	FS	JEJUNUM		DIVERTICULUM		
664	M	6	743	FS	KIDNEY		CYST(S), TUBULAR		
664	M	6	743	FS	KIDNEY		INFLAMMATION		
664	M	6	743	FS	KIDNEY		NEPHROPATHY		
664	M	6	743	FS	PANCREAS		ATROPHY, ACINAR CELL		
664	M	6	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
664	M	6	743	FS	PROSTATE		INFLAMMATION		
664	M	6	743	FS	SKIN		ULCER, EPIDERMIS		
665	M	6	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
665	M	6	743	FS	HEART		CARDIOMYOPATHY		
665	M	6	743	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
665	M	6	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
666	M	6	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
666	M	6	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
667	M	6	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
667	M	6	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
667	M	6	743	FS	HEART		CARDIOMYOPATHY		
667	M	6	743	FS	LIVER		FOCUS, CLEAR CELL		
667	M	6	743	FS	PROSTATE		INFLAMMATION		
667	M	6	743	FS	SKIN	SK	B-GRANULAR CELL TUMOR	19	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
667	M	6	743	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
668	M	6	743	FS	HEART		CARDIOMYOPATHY		
668	M	6	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
668	M	6	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
668	M	6	743	FS	SKIN		ULCER, EPIDERMIS		
668	M	6	743	FS	TESTIS		ATROPHY, BILATERAL		
669	M	6	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
669	M	6	745	FS	LIVER		FOCUS, CLEAR CELL		
669	M	6	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
669	M	6	745	FS	NOSE/TURBINATES	NO	B-ADENOMA	1	M
669	M	6	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
670	M	6	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
670	M	6	745	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
670	M	6	745	FS	HARDERIAN GLAND		HYPERPLASIA, GLANDULAR EPITHELIUM		
670	M	6	745	FS	HEART	HT	B-SCHWANNOMA, ENDOCARDIAL	33	M
670	M	6	745	FS	LIVER		FOCUS, CLEAR CELL		
670	M	6	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
670	M	6	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
670	M	6	745	FS	PROSTATE		INFLAMMATION		
670	M	6	745	FS	SKIN		ULCER, EPIDERMIS		
670	M	6	745	FS	TESTIS		ATROPHY, UNILATERAL		
670	M	6	745	FS	TESTIS		EDEMA, INTERSTITIUM		
671	M	6	745	FS	HEART		CARDIOMYOPATHY		
671	M	6	745	FS	LN-MESENTERIC	LNMES	M-HEMANGIOSARCOMA	62	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
671	M	6	745	FS	LUNG		INFLAMMATION		
671	M	6	745	FS	RECTUM		METAZOAN PARASITE(S)		
672	M	6	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
672	M	6	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
672	M	6	745	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
672	M	6	745	FS	COLON		METAZOAN PARASITE, LUMEN		
672	M	6	745	FS	HEART		CARDIOMYOPATHY		
672	M	6	745	FS	KIDNEY		NEPHROPATHY		
672	M	6	745	FS	LIVER		FOCUS, CLEAR CELL		
672	M	6	745	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
672	M	6	745	FS	TESTIS		ATROPHY, BILATERAL		
672	M	6	745	FS	TESTIS		EDEMA, INTERSTITIUM		
672	M	6	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
673	M	6	745	FS	HEART	HT	B-SCHWANNOMA, ENDOCARDIAL	33	M
673	M	6	745	FS	SKIN		INFLAMMATION		
674	M	6	745	FS	KIDNEY		NEPHROPATHY		
674	M	6	745	FS	LIVER		FOCUS, CLEAR CELL		
674	M	6	745	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
675	M	6	424	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
675	M	6	424	U2	PROSTATE		INFLAMMATION		
676	M	6	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
676	M	6	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
676	M	6	745	FS	HEART		CARDIOMYOPATHY		
676	M	6	745	FS	KIDNEY		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
676	M	6	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
676	M	6	745	FS	PREPUTIAL GLAND		INFLAMMATION		
676	M	6	745	FS	RECTUM		METAZOAN PARASITE(S)		
676	M	6	745	FS	SKIN		ULCER, EPIDERMIS		
676	M	6	745	FS	TESTIS		ATROPHY, UNILATERAL		
677	M	6	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
677	M	6	745	FS	HEART		CARDIOMYOPATHY		
677	M	6	745	FS	KIDNEY		NEPHROPATHY		
677	M	6	745	FS	PROSTATE		INFLAMMATION		
677	M	6	745	FS	SKIN		INFLAMMATION		
677	M	6	745	FS	SKIN		ULCER, EPIDERMIS		
678	M	6	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
678	M	6	745	FS	KIDNEY	K	B-ADENOMA, TUBULAR	13	M
678	M	6	745	FS	KIDNEY		INFLAMMATION		
678	M	6	745	FS	KIDNEY		NEPHROPATHY		
678	M	6	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
678	M	6	745	FS	LIVER		FOCUS, CLEAR CELL		
678	M	6	745	FS	NOSE/TURBINATES		INFLAMMATION		
678	M	6	745	FS	NOSE/TURBINATES		SQUAMOUS METAPLASIA (RESPIRATORY EPITHELIUM)		
679	M	6	668	U2	KIDNEY		HYDRONEPHROSIS		
679	M	6	668	U2	KIDNEY		NEPHROPATHY		
679	M	6	668	U2	LN-MESENTERIC	LNMES	B-HEMANGIOMA	21	F
679	M	6	668	U2	PREPUTIAL GLAND		INFLAMMATION		
679	M	6	668	U2	SKIN		ULCER, EPIDERMIS		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
679	M	6	668	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
680	M	6	240	U2	BONE MARROW	BM	M-HISTIOCYTIC SARCOMA	63	F
680	M	6	240	U2	EYE		HEMORRHAGE, ANTERIOR CHAMBER		
680	M	6	240	U2	LIVER	LI	M-HISTIOCYTIC SARCOMA	63	I
680	M	6	240	U2	LIVER		DEGENERATION, HEPATOCYTE		
680	M	6	240	U2	LIVER		HYPERPLASIA, BILE DUCT		
680	M	6	240	U2	LIVER		LIPIDOSIS, DIFFUSE		
680	M	6	240	U2	LN-MESENTERIC	LNMES	M-HISTIOCYTIC SARCOMA	63	I
680	M	6	240	U2	LUNG		INFLAMMATION		
721	M	7	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
721	M	7	729	FS	HEART		CARDIOMYOPATHY		
721	M	7	729	FS	KIDNEY		NEPHROPATHY		
721	M	7	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
721	M	7	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
721	M	7	729	FS	LN-MESENTERIC	LNMES	B-HEMANGIOMA	21	M
721	M	7	729	FS	LUNG	LU	B-ADENOMA, BRONCHIOLAR-ALVEOLAR	4	M
721	M	7	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
721	M	7	729	FS	SKIN		ULCER, EPIDERMIS		
722	M	7	729	FS	SKIN		HYPERPLASIA, EPIDERMIS		
722	M	7	729	FS	TESTIS		ATROPHY, UNILATERAL		
722	M	7	729	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
723	M	7	729	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
723	M	7	729	FS	HARDERIAN GLAND		HYPERPLASIA, GLANDULAR EPITHELIUM		
723	M	7	729	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
723	M	7	729	FS	KIDNEY		NEPHROPATHY		
723	M	7	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
723	M	7	729	FS	LIVER		LIPIDOSIS, FOCAL		
723	M	7	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
723	M	7	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
723	M	7	729	FS	PREPUTIAL GLAND		INFLAMMATION		
723	M	7	729	FS	RECTUM		LYMPHOID HYPERPLASIA, SUBMUCOSA		
724	M	7	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
724	M	7	729	FS	HEART		CARDIOMYOPATHY		
724	M	7	729	FS	LIVER		FOCUS, CLEAR CELL		
724	M	7	729	FS	LIVER		HEPATODIAPHRAGMATIC NODULE (HDN)		
724	M	7	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
724	M	7	729	FS	LIVER		HYPERPLASIA, NODULAR, HEPATOCYTE		
724	M	7	729	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
724	M	7	729	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
725	M	7	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
725	M	7	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
725	M	7	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
725	M	7	729	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
726	M	7	729	FS	HEART		CARDIOMYOPATHY		
726	M	7	729	FS	KIDNEY		NEPHROPATHY		
726	M	7	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
726	M	7	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
726	M	7	729	FS	LIVER		LIPIDOSIS, MULTIFOCAL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
727	M	7	729	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
727	M	7	729	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
727	M	7	729	FS	HEART		CARDIOMYOPATHY		
727	M	7	729	FS	KIDNEY		NEPHROPATHY		
727	M	7	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
727	M	7	729	FS	LIVER		INFLAMMATION		
727	M	7	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
727	M	7	729	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
727	M	7	729	FS	LUNG		INFLAMMATION		
727	M	7	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
727	M	7	729	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
728	M	7	672	U1	ADRENAL GLAND		HYPERPLASIA, CORTEX		
728	M	7	672	U1	HEART		CARDIOMYOPATHY		
728	M	7	672	U1	KIDNEY	K	B-LIPOMA	25	F
728	M	7	672	U1	KIDNEY		NEPHROPATHY		
728	M	7	672	U1	LIVER		FOCUS, CLEAR CELL		
728	M	7	672	U1	LIVER		LIPIDOSIS, MULTIFOCAL		
728	M	7	672	U1	SKIN		INFLAMMATION		
729	M	7	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
729	M	7	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
730	M	7	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
730	M	7	731	FS	HEART		CARDIOMYOPATHY		
730	M	7	731	FS	KIDNEY		INFLAMMATION		
730	M	7	731	FS	KIDNEY		NEPHROPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
730	M	7	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
730	M	7	731	FS	PANCREAS	PA	B-ISLET CELL TUMOR	22	M
731	M	7	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
731	M	7	731	FS	HEART		CARDIOMYOPATHY		
731	M	7	731	FS	KIDNEY		INFLAMMATION		
731	M	7	731	FS	KIDNEY		NEPHROPATHY		
731	M	7	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
731	M	7	731	FS	STOMACH		INFLAMMATION, GLANDULAR		
732	M	7	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
732	M	7	731	FS	HEART		CARDIOMYOPATHY		
732	M	7	731	FS	KIDNEY		INFLAMMATION		
732	M	7	731	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
732	M	7	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
732	M	7	731	FS	PREPUTIAL GLAND		INFLAMMATION		
732	M	7	731	FS	STOMACH		INFLAMMATION, GLANDULAR		
733	M	7	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
733	M	7	731	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
733	M	7	731	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
733	M	7	731	FS	HEART		CARDIOMYOPATHY		
733	M	7	731	FS	KIDNEY		NEPHROPATHY		
733	M	7	731	FS	LIVER		FOCUS, BASOPHILIC CELL		
733	M	7	731	FS	LIVER		FOCUS, CLEAR CELL		
733	M	7	731	FS	LIVER		FOCUS, EOSINOPHILIC		
733	M	7	731	FS	LIVER		HYPERPLASIA, BILE DUCT		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
733	M	7	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
733	M	7	731	FS	LUNG		INFLAMMATION		
733	M	7	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
733	M	7	731	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
734	M	7	731	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
734	M	7	731	FS	HEART		CARDIOMYOPATHY		
734	M	7	731	FS	KIDNEY		NEPHROPATHY		
734	M	7	731	FS	LIVER		FOCUS, MIXED CELL		
734	M	7	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
734	M	7	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
734	M	7	731	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
735	M	7	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
735	M	7	735	FS	HEART		CARDIOMYOPATHY		
735	M	7	735	FS	LIVER		FOCUS, CLEAR CELL		
735	M	7	735	FS	LIVER		HYPERPLASIA, BILE DUCT		
735	M	7	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
735	M	7	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
735	M	7	735	FS	TESTIS		ATROPHY, UNILATERAL		
735	M	7	735	FS	TESTIS		EDEMA, INTERSTITIUM		
735	M	7	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
736	M	7	735	FS	HARDERIAN GLAND		INFLAMMATION		
736	M	7	735	FS	HEART		CARDIOMYOPATHY		
736	M	7	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
736	M	7	735	FS	LIVER		FOCUS, CLEAR CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
736	M	7	735	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	M
736	M	7	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
736	M	7	735	FS	SKIN	SK	B-TRICHOEPITHELIOMA	37	M
736	M	7	735	FS	TESTIS		EDEMA, INTERSTITIUM		
736	M	7	735	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
736	M	7	735	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
736	M	7	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
737	M	7	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
737	M	7	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
737	M	7	735	FS	HEART		CARDIOMYOPATHY		
737	M	7	735	FS	KIDNEY		NEPHROPATHY		
737	M	7	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
737	M	7	735	FS	LIVER		FOCUS, CLEAR CELL		
737	M	7	735	FS	PREPUTIAL GLAND		INFLAMMATION		
737	M	7	735	FS	TESTIS		EDEMA, INTERSTITIUM		
737	M	7	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
738	M	7	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
738	M	7	735	FS	KIDNEY		NEPHROPATHY		
738	M	7	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
738	M	7	735	FS	LUNG		INFLAMMATION		
738	M	7	735	FS	PANCREAS	PA	B-ISLET CELL TUMOR	22	M
738	M	7	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
738	M	7	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS INTERMEDIA		
738	M	7	735	FS	THYROID GLAND	THG	M-CARCINOMA, FOLLICULAR CELL	52	M

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
739	M	7	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
739	M	7	735	FS	HEART		CARDIOMYOPATHY		
739	M	7	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
739	M	7	735	FS	LIVER		FOCUS, CLEAR CELL		
739	M	7	735	FS	LN-MESENTERIC	LNMES	B-HEMANGIOMA	21	M
739	M	7	735	FS	PREPUTIAL GLAND		INFLAMMATION		
739	M	7	735	FS	RECTUM		METAZOAN PARASITE(S)		
739	M	7	735	FS	TESTIS		EDEMA, INTERSTITIUM		
739	M	7	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
740	M	7	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
740	M	7	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
740	M	7	735	FS	HEART		CARDIOMYOPATHY		
740	M	7	735	FS	KIDNEY		NEPHROPATHY		
740	M	7	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
740	M	7	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
740	M	7	735	FS	SKIN	SK	B-KERATOACANTHOMA	23	M
740	M	7	735	FS	SKIN		HYPERPLASIA, EPIDERMIS		
740	M	7	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
741	M	7	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
741	M	7	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
741	M	7	735	FS	HEART		CARDIOMYOPATHY		
741	M	7	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
741	M	7	735	FS	PROSTATE		INFLAMMATION		
741	M	7	735	FS	TESTIS		EDEMA, INTERSTITIUM		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
742	M	7	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
742	M	7	735	FS	LIVER		FOCUS, CLEAR CELL		
742	M	7	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
742	M	7	735	FS	PREPUTIAL GLAND		INFLAMMATION		
742	M	7	735	FS	SALIVARY GLAND		HYPERPLASIA, DUCT EPITHELIUM		
742	M	7	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
743	M	7	735	FS	HEART		CARDIOMYOPATHY		
743	M	7	735	FS	KIDNEY		NEPHROPATHY		
743	M	7	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
743	M	7	735	FS	PANCREAS		ATROPHY, ACINAR CELL		
743	M	7	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
743	M	7	735	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
743	M	7	735	FS	RECTUM		METAZOAN PARASITE(S)		
744	M	7	735	FS	LUNG	LU	M-MESOTHELIOMA	69	M
744	M	7	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
744	M	7	735	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
744	M	7	735	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
745	M	7	737	FS	HEART		CARDIOMYOPATHY		
745	M	7	737	FS	LIVER		HYPERPLASIA, BILE DUCT		
745	M	7	737	FS	PREPUTIAL GLAND		INFLAMMATION		
746	M	7	737	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
746	M	7	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
746	M	7	737	FS	HEART		CARDIOMYOPATHY		
746	M	7	737	FS	LIVER		FOCUS, BASOPHILIC CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
746	M	7	737	FS	LIVER		FOCUS, CLEAR CELL		
746	M	7	737	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
746	M	7	737	FS	PREPUTIAL GLAND		INFLAMMATION		
747	M	7	737	FS	HEART		CARDIOMYOPATHY		
747	M	7	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
747	M	7	737	FS	RECTUM	R	B-LEIOMYOMA	24	M
747	M	7	737	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
748	M	7	668	U2	EPIDIDYMIS	EP	M-MESOTHELIOMA	69	I
748	M	7	668	U2	LIVER		FOCUS, CLEAR CELL		
748	M	7	668	U2	MESENTERY	ME	M-MESOTHELIOMA	69	I
748	M	7	668	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
748	M	7	668	U2	TESTIS	TE	M-MESOTHELIOMA	69	I
748	M	7	668	U2	TESTIS		EDEMA, INTERSTITIUM		
749	M	7	675	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
749	M	7	675	U1	PROSTATE		INFLAMMATION		
750	M	7	737	FS	HEART		CARDIOMYOPATHY		
750	M	7	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
750	M	7	737	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
750	M	7	737	FS	PREPUTIAL GLAND		INFLAMMATION		
750	M	7	737	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
750	M	7	737	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
751	M	7	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
751	M	7	737	FS	COLON		METAZOAN PARASITE, LUMEN		
751	M	7	737	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
751	M	7	737	FS	JEJUNUM		DIVERTICULUM		
751	M	7	737	FS	LIVER		FOCUS, EOSINOPHILIC		
751	M	7	737	FS	ORAL MUCOSA		CYSTIC SEBACEOUS GLAND, ECTOPIC		
751	M	7	737	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
752	M	7	737	FS	HEART		CARDIOMYOPATHY		
752	M	7	737	FS	KIDNEY		NEPHROPATHY		
752	M	7	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
752	M	7	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
752	M	7	737	FS	SALIVARY GLAND	SA	B-SCHWANNOMA	32	M
752	M	7	737	FS	SKIN		INFLAMMATION		
752	M	7	737	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
753	M	7	739	FS	HEART		CARDIOMYOPATHY		
753	M	7	739	FS	KIDNEY		NEPHROPATHY		
753	M	7	739	FS	LIVER		FOCUS, CLEAR CELL		
753	M	7	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
753	M	7	739	FS	PROSTATE		INFLAMMATION		
753	M	7	739	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
753	M	7	739	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
754	M	7	546	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
754	M	7	546	U2	PREPUTIAL GLAND		INFLAMMATION		
754	M	7	546	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
754	M	7	546	U2	STOMACH		ULCER, NON-GLANDULAR		
754	M	7	546	U2	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I
754	M	7	546	U2	THYROID GLAND		HYPERPLASIA, C-CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
755	M	7	609	U1	HEART		CARDIOMYOPATHY		
755	M	7	609	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	F
755	M	7	609	U1	PREPUTIAL GLAND		INFLAMMATION		
755	M	7	609	U1	PROSTATE		INFLAMMATION		
755	M	7	609	U1	SALIVARY GLAND		INFLAMMATION		
756	M	7	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
756	M	7	739	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
756	M	7	739	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
756	M	7	739	FS	HEART		CARDIOMYOPATHY		
756	M	7	739	FS	KIDNEY		NEPHROPATHY		
756	M	7	739	FS	LIVER		FOCUS, BASOPHILIC CELL		
756	M	7	739	FS	LIVER		HYPERPLASIA, BILE DUCT		
756	M	7	739	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
756	M	7	739	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
756	M	7	739	FS	LUNG		EOSINOPHILIC CRYSTALS		
756	M	7	739	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
756	M	7	739	FS	STOMACH		MUCOSAL CYST, NON-GLANDULAR		
756	M	7	739	FS	TESTIS		ATROPHY, UNILATERAL		
756	M	7	739	FS	TESTIS		EDEMA, INTERSTITIUM		
757	M	7	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
757	M	7	739	FS	HEART		CARDIOMYOPATHY		
757	M	7	739	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	M
757	M	7	739	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
758	M	7	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
758	M	7	739	FS	EPIDIDYMIS		INFLAMMATION		
758	M	7	739	FS	HEART		CARDIOMYOPATHY		
758	M	7	739	FS	KIDNEY		NEPHROPATHY		
758	M	7	739	FS	LIVER		FOCUS, BASOPHILIC CELL		
758	M	7	739	FS	LIVER		INFLAMMATION		
758	M	7	739	FS	LUNG		INFLAMMATION		
758	M	7	739	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
758	M	7	739	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
759	M	7	668	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
759	M	7	668	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
759	M	7	668	U2	HEART		CARDIOMYOPATHY		
759	M	7	668	U2	KIDNEY		NEPHROPATHY		
759	M	7	668	U2	LIVER		FOCUS, CLEAR CELL		
759	M	7	668	U2	ZYMBAL'S GLAND	ZY	M-CARCINOMA, SQUAMOUS CELL	57	F
760	M	7	739	FS	HEART		CARDIOMYOPATHY		
760	M	7	739	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
760	M	7	739	FS	URINARY BLADDER		HYPERPLASIA, TRANSITIONAL EPITHELIUM		
761	M	7	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
761	M	7	743	FS	ADRENAL GLAND		HYPERPLASIA, SPINDLE CELL		
761	M	7	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
761	M	7	743	FS	KIDNEY		NEPHROPATHY		
761	M	7	743	FS	SKIN		ULCER, EPIDERMIS		
762	M	7	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
762	M	7	743	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
762	M	7	743	FS	HEART		CARDIOMYOPATHY		
762	M	7	743	FS	KIDNEY		NEPHROPATHY		
762	M	7	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
763	M	7	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
763	M	7	743	FS	KIDNEY		NEPHROPATHY		
763	M	7	743	FS	LN-MANDIBULAR		CYSTIC DEGENERATION		
763	M	7	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
763	M	7	743	FS	PREPUTIAL GLAND		INFLAMMATION		
763	M	7	743	FS	PROSTATE		INFLAMMATION		
763	M	7	743	FS	RECTUM		LYMPHOID HYPERPLASIA, SUBMUCOSA		
764	M	7	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
764	M	7	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
764	M	7	743	FS	HEART		CARDIOMYOPATHY		
764	M	7	743	FS	KIDNEY		NEPHROPATHY		
764	M	7	743	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
764	M	7	743	FS	PROSTATE	PRO	B-ADENOMA	1	M
764	M	7	743	FS	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
765	M	7	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
765	M	7	743	FS	HEART		CARDIOMYOPATHY		
765	M	7	743	FS	KIDNEY		HYDRONEPHROSIS		
765	M	7	743	FS	LIVER		FOCUS, BASOPHILIC CELL		
765	M	7	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
765	M	7	743	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
765	M	7	743	FS	PANCREAS		ATROPHY, ACINAR CELL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
765	M	7	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
766	M	7	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
766	M	7	743	FS	HEART		CARDIOMYOPATHY		
766	M	7	743	FS	KIDNEY		NEPHROPATHY		
766	M	7	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
766	M	7	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
766	M	7	743	FS	SKIN		HYPERPLASIA, EPIDERMIS		
767	M	7	479	U2	KIDNEY		NEPHROPATHY		
767	M	7	479	U2	PREPUTIAL GLAND		INFLAMMATION		
767	M	7	479	U2	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
767	M	7	479	U2	TONGUE	TO	M-CARCINOMA, SQUAMOUS CELL	57	F
768	M	7	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
768	M	7	743	FS	HEART		CARDIOMYOPATHY		
768	M	7	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
768	M	7	743	FS	SKELETAL MUSCLE		ATROPHY		
768	M	7	743	FS	SKIN		ULCER, EPIDERMIS		
769	M	7	641	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
769	M	7	641	U2	KIDNEY		NEPHROPATHY		
769	M	7	641	U2	LN-MESENTERIC	LNMES	B-HEMANGIOMA	21	I
769	M	7	641	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
769	M	7	641	U2	STOMACH		ULCER, NON-GLANDULAR		
769	M	7	641	U2	THYROID GLAND		HYPERPLASIA, C-CELL		
770	M	7	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
770	M	7	745	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
770	M	7	745	FS	KIDNEY		NEPHROPATHY		
770	M	7	745	FS	LIVER		FOCUS, BASOPHILIC CELL		
770	M	7	745	FS	SKIN		ULCER, EPIDERMIS		
770	M	7	745	FS	TOOTH		INFLAMMATION		
771	M	7	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
771	M	7	745	FS	LIVER		INFLAMMATION		
771	M	7	745	FS	SKIN		INFLAMMATION		
771	M	7	745	FS	SKIN		ULCER, EPIDERMIS		
772	M	7	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
772	M	7	745	FS	KIDNEY		NEPHROPATHY		
772	M	7	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
772	M	7	745	FS	LIVER		TELANGIECTASIS		
772	M	7	745	FS	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
772	M	7	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
772	M	7	745	FS	SKIN		INFLAMMATION		
772	M	7	745	FS	THYROID GLAND	THG	B-ADENOMA, FOLLICULAR CELL	7	M
773	M	7	678	U1	HEART		CARDIOMYOPATHY		
773	M	7	678	U1	KIDNEY		HEMORRHAGE		
773	M	7	678	U1	KIDNEY		HYDRONEPHROSIS		
773	M	7	678	U1	KIDNEY		INFLAMMATION		
773	M	7	678	U1	KIDNEY		NEPHROPATHY		
773	M	7	678	U1	KIDNEY		THROMBOSIS		
773	M	7	678	U1	LUNG		HYPERPLASIA, ALVEOLAR EPITHELIUM		
773	M	7	678	U1	PROSTATE	PRO	M-CARCINOMA	44	F

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
773	M	7	678	U1	URETER		DILATATION		
774	M	7	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
774	M	7	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
774	M	7	745	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
774	M	7	745	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
775	M	7	734	U1	LIVER		FOCUS, BASOPHILIC CELL		
775	M	7	734	U1	SEMINAL VESICLE		ATROPHY		
775	M	7	734	U1	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
775	M	7	734	U1	STOMACH		NEUROENDOCRINE TISSUE, ECTOPIC		
775	M	7	734	U1	STOMACH		ULCER, NON-GLANDULAR		
775	M	7	734	U1	TESTIS	TE	M-LEIOMYOSARCOMA	64	F
775	M	7	734	U1	TESTIS		ATROPHY, UNILATERAL		
776	M	7	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
776	M	7	745	FS	HEART		CARDIOMYOPATHY		
776	M	7	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
776	M	7	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
776	M	7	745	FS	SKIN		ULCER, EPIDERMIS		
776	M	7	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
777	M	7	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
777	M	7	745	FS	KIDNEY		NEPHROPATHY		
777	M	7	745	FS	LN-MESENTERIC		SINUS HISTIOCYTOSIS		
777	M	7	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
777	M	7	745	FS	TESTIS		ATROPHY, UNILATERAL		
778	M	7	539	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
778	M	7	539	U2	LN-MEDIASTINAL	LNMED	M-LEIOMYOSARCOMA, METASTATIC (TESTIS)	66	I
778	M	7	539	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
778	M	7	539	U2	TESTIS	TE	M-LEIOMYOSARCOMA	64	F
779	M	7	746	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
779	M	7	746	FS	HEART		CARDIOMYOPATHY		
779	M	7	746	FS	LIVER		LIPIDOSIS, MULTIFOCAL		
779	M	7	746	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
779	M	7	746	FS	TESTIS		ATROPHY, UNILATERAL		
779	M	7	746	FS	TESTIS		EDEMA, INTERSTITIUM		
780	M	7	746	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
821	M	8	704	U2	ADRENAL GLAND	AD	F-LYMPHOMA	38	I
821	M	8	704	U2	BONE	BO	F-LYMPHOMA	38	I
821	M	8	704	U2	BONE MARROW	BM	F-LYMPHOMA	38	I
821	M	8	704	U2	BRAIN	BR	F-LYMPHOMA	38	I
821	M	8	704	U2	EYE	EYE	F-LYMPHOMA	38	I
821	M	8	704	U2	HARDERIAN GLAND	HG	F-LYMPHOMA	38	I
821	M	8	704	U2	HEART		CARDIOMYOPATHY		
821	M	8	704	U2	KIDNEY	K	F-LYMPHOMA	38	F
821	M	8	704	U2	LIVER	LI	F-LYMPHOMA	38	I
821	M	8	704	U2	LN-MANDIBULAR	LNMAN	F-LYMPHOMA	38	I
821	M	8	704	U2	LN-MEDIASTINAL	LNMED	F-LYMPHOMA	38	I
821	M	8	704	U2	LN-MESENTERIC	LNMES	F-LYMPHOMA	38	I
821	M	8	704	U2	LN-OTHER	LNO	F-LYMPHOMA	38	I
821	M	8	704	U2	LUNG	LU	F-LYMPHOMA	38	I

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
821	M	8	704	U2	PANCREAS	PA	F-LYMPHOMA	38	I
821	M	8	704	U2	PITUITARY GLAND	PI	F-LYMPHOMA	38	I
821	M	8	704	U2	PREPUTIAL GLAND		INFLAMMATION		
821	M	8	704	U2	PROSTATE	PRO	F-LYMPHOMA	38	I
821	M	8	704	U2	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
821	M	8	704	U2	SALIVARY GLAND	SA	F-LYMPHOMA	38	I
821	M	8	704	U2	SKIN		INFLAMMATION		
821	M	8	704	U2	SPLEEN	SP	F-LYMPHOMA	38	I
821	M	8	704	U2	THYMUS	THY	F-LYMPHOMA	38	I
822	M	8	712	U2	KIDNEY		NEPHROPATHY		
822	M	8	712	U2	LIVER		HYPERPLASIA, BILE DUCT		
822	M	8	712	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
822	M	8	712	U2	STOMACH		INFLAMMATION, NON-GLANDULAR		
823	M	8	729	FS	KIDNEY		NEPHROPATHY		
823	M	8	729	FS	LIVER		FOCUS, BASOPHILIC CELL		
823	M	8	729	FS	LIVER		LIPIDOSIS, FOCAL		
823	M	8	729	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
823	M	8	729	FS	SKIN		ULCER, EPIDERMIS		
824	M	8	729	FS	KIDNEY		HYDRONEPHROSIS		
824	M	8	729	FS	KIDNEY		NEPHROPATHY		
824	M	8	729	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
824	M	8	729	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
824	M	8	729	FS	SKIN		ULCER, EPIDERMIS		
824	M	8	729	FS	TESTIS		ATROPHY, UNILATERAL		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
825	M	8	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
825	M	8	729	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
825	M	8	729	FS	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
826	M	8	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
826	M	8	729	FS	HEART		CARDIOMYOPATHY		
827	M	8	641	U2	KIDNEY		NEPHROPATHY		
827	M	8	641	U2	LN-MEDIASTINAL		INFLAMMATION		
827	M	8	641	U2	PANCREAS		CYST(S)		
827	M	8	641	U2	PANCREAS		HEMORRHAGE		
827	M	8	641	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
828	M	8	729	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
828	M	8	729	FS	KIDNEY		NEPHROPATHY		
828	M	8	729	FS	LIVER		HYPERPLASIA, BILE DUCT		
828	M	8	729	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
828	M	8	729	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
828	M	8	729	FS	PROSTATE		INFLAMMATION		
828	M	8	729	FS	RECTUM		METAZOAN PARASITE(S)		
828	M	8	729	FS	TESTIS	TE	B-ADENOMA, INTERSTITIAL CELL	9	M
828	M	8	729	FS	TESTIS		ATROPHY, BILATERAL		
829	M	8	388	U2	HEART		CARDIOMYOPATHY		
829	M	8	388	U2	KIDNEY		INFLAMMATION		
829	M	8	388	U2	PREPUTIAL GLAND		INFLAMMATION		
830	M	8	731	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
830	M	8	731	FS	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
830	M	8	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
830	M	8	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
830	M	8	731	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
830	M	8	731	FS	PROSTATE		INFLAMMATION		
831	M	8	731	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
831	M	8	731	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
831	M	8	731	FS	LIVER		DILATATION, BILE DUCT		
831	M	8	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
831	M	8	731	FS	TESTIS		ATROPHY, BILATERAL		
832	M	8	731	FS	COLON		METAZOAN PARASITE, LUMEN		
832	M	8	731	FS	HEART		CARDIOMYOPATHY		
832	M	8	731	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
832	M	8	731	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
833	M	8	731	FS	HARDERIAN GLAND		INFLAMMATION		
833	M	8	731	FS	HEART		CARDIOMYOPATHY		
833	M	8	731	FS	LIVER		FOCUS, CLEAR CELL		
833	M	8	731	FS	LIVER		FOCUS, EOSINOPHILIC		
833	M	8	731	FS	LIVER		HYPERPLASIA, BILE DUCT		
833	M	8	731	FS	LIVER		INFLAMMATION		
833	M	8	731	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
833	M	8	731	FS	PANCREAS		ATROPHY, ACINAR CELL		
833	M	8	731	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS INTERMEDIA	11	M
833	M	8	731	FS	PREPUTIAL GLAND		INFLAMMATION		
834	M	8	565	U1	BONE MARROW	BM	F-LYMPHOMA	38	F

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
834	M	8	565	U1	BONE MARROW		INFARCT		
834	M	8	565	U1	HEART		CARDIOMYOPATHY		
834	M	8	565	U1	KIDNEY		NEPHROPATHY		
834	M	8	565	U1	LIVER		HYPERPLASIA, BILE DUCT		
834	M	8	565	U1	NOSE/TURBINATES		INFLAMMATION		
834	M	8	565	U1	PROSTATE		INFLAMMATION		
834	M	8	565	U1	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
834	M	8	565	U1	URINARY BLADDER		INFLAMMATION		
835	M	8	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
835	M	8	735	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
835	M	8	735	FS	HEART		CARDIOMYOPATHY		
835	M	8	735	FS	KIDNEY		NEPHROPATHY		
835	M	8	735	FS	PITUITARY GLAND	PI	M-CARCINOMA, PARS INTERMEDIA	56	M
835	M	8	735	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
836	M	8	613	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
836	M	8	613	U2	HEART		CARDIOMYOPATHY		
836	M	8	613	U2	LIVER		INFLAMMATION		
836	M	8	613	U2	LN-MANDIBULAR		CYSTIC DEGENERATION		
836	M	8	613	U2	LN-MEDIASTINAL		INFLAMMATION		
836	M	8	613	U2	LN-MESENTERIC		CYSTIC DEGENERATION		
836	M	8	613	U2	LN-OTHER		CYSTIC DEGENERATION		
836	M	8	613	U2	PANCREAS		ATROPHY, ACINAR CELL		
836	M	8	613	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
836	M	8	613	U2	PREPUTIAL GLAND		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
836	M	8	613	U2	SALIVARY GLAND		INFLAMMATION		
836	M	8	613	U2	STOMACH		INFLAMMATION, GLANDULAR		
836	M	8	613	U2	TESTIS	TE	M-SARCOMA	76	F
837	M	8	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
837	M	8	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
837	M	8	735	FS	HEART		CARDIOMYOPATHY		
837	M	8	735	FS	KIDNEY		NEPHROPATHY		
837	M	8	735	FS	LIVER		FOCUS, MIXED CELL		
837	M	8	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
837	M	8	735	FS	SKIN		ULCER, EPIDERMIS		
837	M	8	735	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
838	M	8	735	FS	HEART		CARDIOMYOPATHY		
838	M	8	735	FS	KIDNEY		NEPHROPATHY		
838	M	8	735	FS	PANCREAS		LIPOMATOSIS		
838	M	8	735	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
839	M	8	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
839	M	8	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
839	M	8	735	FS	HEART		CARDIOMYOPATHY		
839	M	8	735	FS	KIDNEY		NEPHROPATHY		
839	M	8	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
839	M	8	735	FS	PANCREAS		ATROPHY, ACINAR CELL		
839	M	8	735	FS	PREPUTIAL GLAND		INFLAMMATION		
840	M	8	735	FS	HEART		CARDIOMYOPATHY		
840	M	8	735	FS	KIDNEY		NEPHROPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
840	M	8	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
841	M	8	735	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
841	M	8	735	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
841	M	8	735	FS	HEART		CARDIOMYOPATHY		
841	M	8	735	FS	LIVER	LI	B-ADENOMA, HEPATOCELLULAR	8	M
841	M	8	735	FS	LIVER		FOCUS, BASOPHILIC CELL		
841	M	8	735	FS	PREPUTIAL GLAND	PRE	M-CARCINOMA	43	M
841	M	8	735	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
841	M	8	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
842	M	8	735	FS	HEART		CARDIOMYOPATHY		
842	M	8	735	FS	KIDNEY		NEPHROPATHY		
842	M	8	735	FS	PREPUTIAL GLAND		INFLAMMATION		
842	M	8	735	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
843	M	8	613	U2	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
843	M	8	613	U2	LIVER		FOCUS, BASOPHILIC CELL		
843	M	8	613	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
843	M	8	613	U2	PANCREAS		ATROPHY, ACINAR CELL		
843	M	8	613	U2	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
843	M	8	613	U2	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
844	M	8	735	FS	KIDNEY	K	B-ADENOMA, TUBULAR	13	M
844	M	8	735	FS	KIDNEY	K	B-LIPOMA	25	M
844	M	8	735	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
844	M	8	735	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
845	M	8	580	U2	HEART		CARDIOMYOPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
845	M	8	580	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
845	M	8	580	U2	PREPUTIAL GLAND		CYST(S)		
845	M	8	580	U2	SPLEEN		ATROPHY, LYMPHOID		
846	M	8	737	FS	HEART		CARDIOMYOPATHY		
846	M	8	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
846	M	8	737	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
847	M	8	737	FS	KIDNEY		NEPHROPATHY		
847	M	8	737	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
848	M	8	618	U1	HEART		CARDIOMYOPATHY		
848	M	8	618	U1	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
848	M	8	618	U1	STOMACH		INFLAMMATION, NON-GLANDULAR		
848	M	8	618	U1	TESTIS		ATROPHY, BILATERAL		
849	M	8	737	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
849	M	8	737	FS	HEART		CARDIOMYOPATHY		
849	M	8	737	FS	KIDNEY		NEPHROPATHY		
849	M	8	737	FS	LIVER		FOCUS, BASOPHILIC CELL		
849	M	8	737	FS	LIVER		FOCUS, CLEAR CELL		
850	M	8	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
850	M	8	737	FS	HEART		CARDIOMYOPATHY		
850	M	8	737	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
850	M	8	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
850	M	8	737	FS	TRACHEA		INFLAMMATION		
851	M	8	737	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
851	M	8	737	FS	HARDERIAN GLAND		HYPERPLASIA, FOLLICULAR LYMPHOID		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
851	M	8	737	FS	HARDERIAN GLAND		INFLAMMATION		
851	M	8	737	FS	HEART		CARDIOMYOPATHY		
851	M	8	737	FS	KIDNEY		CYST(S), TUBULAR		
851	M	8	737	FS	KIDNEY		NEPHROPATHY		
851	M	8	737	FS	PANCREAS		ATROPHY, ACINAR CELL		
851	M	8	737	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
851	M	8	737	FS	PROSTATE		HYPERPLASIA, DUCT EPITHELIUM		
852	M	8	626	U2	HEART		CARDIOMYOPATHY		
852	M	8	626	U2	KIDNEY		HYDRONEPHROSIS		
852	M	8	626	U2	KIDNEY		INFLAMMATION		
852	M	8	626	U2	LUNG	LU	M-CARCINOMA, METASTATIC (SKIN)	53	I
852	M	8	626	U2	PREPUTIAL GLAND		INFLAMMATION		
852	M	8	626	U2	SKIN	SK	M-CARCINOMA, BASAL CELL	48	F
852	M	8	626	U2	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	I
853	M	8	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
853	M	8	739	FS	HEART		CARDIOMYOPATHY		
853	M	8	739	FS	PANCREAS		ATROPHY, ACINAR CELL		
853	M	8	739	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
853	M	8	739	FS	PREPUTIAL GLAND		INFLAMMATION		
854	M	8	692	U2	HEART		CARDIOMYOPATHY		
854	M	8	692	U2	KIDNEY		INFLAMMATION		
854	M	8	692	U2	KIDNEY		NEPHROPATHY		
854	M	8	692	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
854	M	8	692	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
854	M	8	692	U2	PROSTATE		INFLAMMATION		
854	M	8	692	U2	SKIN		INFLAMMATION		
855	M	8	739	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
855	M	8	739	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
855	M	8	739	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
855	M	8	739	FS	HEART		CARDIOMYOPATHY		
855	M	8	739	FS	KIDNEY		INFLAMMATION		
855	M	8	739	FS	LIVER		FOCUS, MIXED CELL		
855	M	8	739	FS	PREPUTIAL GLAND		INFLAMMATION		
855	M	8	739	FS	SKIN		CYST, EPITHELIAL INCLUSION		
856	M	8	676	U2	EPIDIDYMIS		INFLAMMATION		
856	M	8	676	U2	HEART		CARDIOMYOPATHY		
856	M	8	676	U2	KIDNEY		NEPHROPATHY		
856	M	8	676	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
856	M	8	676	U2	TESTIS		ATROPHY, BILATERAL		
856	M	8	676	U2	THYMUS	THY	F-LYMPHOMA	38	I
856	M	8	676	U2	THYROID GLAND		HYPERPLASIA, FOLLICULAR CELL		
857	M	8	641	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
857	M	8	641	U2	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
857	M	8	641	U2	PANCREAS		ATROPHY, ACINAR CELL		
857	M	8	641	U2	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	F
858	M	8	405	U1	BONE MARROW		INFARCT		
858	M	8	405	U1	KIDNEY		HYDRONEPHROSIS		
858	M	8	405	U1	KIDNEY		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
858	M	8	405	U1	KIDNEY		MINERALIZATION		
858	M	8	405	U1	PROSTATE		INFLAMMATION		
858	M	8	405	U1	SEMINAL VESICLE		INFLAMMATION		
858	M	8	405	U1	SKELETAL MUSCLE		INFLAMMATION		
858	M	8	405	U1	SKELETAL MUSCLE		MYODEGENERATION		
858	M	8	405	U1	SPLEEN		EXTRAMEDULLARY HEMATOPOIESIS (EMH)		
858	M	8	405	U1	URETER		HEMORRHAGE		
858	M	8	405	U1	URETER		INFLAMMATION		
858	M	8	405	U1	URINARY BLADDER		INFLAMMATION		
859	M	8	739	FS	PREPUTIAL GLAND		INFLAMMATION		
860	M	8	739	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
860	M	8	739	FS	HEART		CARDIOMYOPATHY		
860	M	8	739	FS	LIVER		FOCUS, CLEAR CELL		
860	M	8	739	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
861	M	8	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
861	M	8	743	FS	HEART		CARDIOMYOPATHY		
861	M	8	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
861	M	8	743	FS	SKIN	SK	M-FIBROSARCOMA	61	M
862	M	8	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
862	M	8	743	FS	HEART		CARDIOMYOPATHY		
863	M	8	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
863	M	8	743	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
863	M	8	743	FS	HEART		CARDIOMYOPATHY		
863	M	8	743	FS	KIDNEY		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
863	M	8	743	FS	KIDNEY		NEPHROPATHY		
863	M	8	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
863	M	8	743	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
863	M	8	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
864	M	8	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
864	M	8	743	FS	HARDERIAN GLAND		BASOPHILIC HYPERTROPHIC FOCUS		
864	M	8	743	FS	HEART		CARDIOMYOPATHY		
864	M	8	743	FS	KIDNEY		NEPHROPATHY		
864	M	8	743	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
865	M	8	743	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
865	M	8	743	FS	HEART		CARDIOMYOPATHY		
865	M	8	743	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
866	M	8	743	FS	HEART		CARDIOMYOPATHY		
866	M	8	743	FS	KIDNEY		NEPHROPATHY		
866	M	8	743	FS	TESTIS		ATROPHY, UNILATERAL		
866	M	8	743	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
866	M	8	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
867	M	8	743	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
867	M	8	743	FS	KIDNEY		HYDRONEPHROSIS		
867	M	8	743	FS	KIDNEY		NEPHROPATHY		
867	M	8	743	FS	LIVER		HYPERPLASIA, BILE DUCT		
867	M	8	743	FS	THYROID GLAND		HYPERPLASIA, C-CELL		
868	M	8	564	U2	ADRENAL GLAND		HYPERPLASIA, CORTEX		
868	M	8	564	U2	KIDNEY		NEPHROPATHY		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
868	M	8	564	U2	PITUITARY GLAND	PI	M-CARCINOMA, PARS DISTALIS	55	F
868	M	8	564	U2	TESTIS		ATROPHY, BILATERAL		
869	M	8	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
869	M	8	745	FS	HEART		CARDIOMYOPATHY		
869	M	8	745	FS	KIDNEY		NEPHROPATHY		
869	M	8	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS INTERMEDIA		
869	M	8	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
870	M	8	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
870	M	8	745	FS	HEART		CARDIOMYOPATHY		
871	M	8	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
871	M	8	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
872	M	8	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
872	M	8	745	FS	ADRENAL GLAND		HYPERPLASIA, MEDULLA		
872	M	8	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
872	M	8	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
872	M	8	745	FS	LUNG		ALVEOLAR MACROPHAGES, INCREASED		
872	M	8	745	FS	TESTIS		HYPERPLASIA, INTERSTITIAL CELL		
873	M	8	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
874	M	8	745	FS	HEART		CARDIOMYOPATHY		
874	M	8	745	FS	KIDNEY		NEPHROPATHY		
874	M	8	745	FS	PANCREAS		ATROPHY, ACINAR CELL		
874	M	8	745	FS	SALIVARY GLAND		BASOPHILIC HYPERTROPHIC FOCUS		
875	M	8	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
875	M	8	745	FS	KIDNEY		INFLAMMATION		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
875	M	8	745	FS	LIVER		FOCUS, CLEAR CELL		
875	M	8	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
875	M	8	745	FS	SKIN		ULCER, EPIDERMIS		
876	M	8	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
876	M	8	745	FS	HEART		CARDIOMYOPATHY		
876	M	8	745	FS	KIDNEY		NEPHROPATHY		
876	M	8	745	FS	LIVER		HYPERPLASIA, BILE DUCT		
876	M	8	745	FS	PANCREAS		ATROPHY, ACINAR CELL		
876	M	8	745	FS	PITUITARY GLAND	PI	B-ADENOMA, PARS DISTALIS	10	M
876	M	8	745	FS	STOMACH		HYPERPLASIA, MUCOSA, NON-GLANDULAR		
876	M	8	745	FS	THYROID GLAND	THG	B-ADENOMA, C-CELL	5	M
877	M	8	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
877	M	8	745	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
877	M	8	745	FS	COLON		HYPERPLASIA, LYMPHOID, SUBMUCOSA		
877	M	8	745	FS	LIVER		DILATATION, BILE DUCT		
877	M	8	745	FS	PANCREAS		ATROPHY, ACINAR CELL		
878	M	8	745	FS	ADRENAL GLAND		HYPERPLASIA, CORTEX		
878	M	8	745	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		
878	M	8	745	FS	HEART		CARDIOMYOPATHY		
878	M	8	745	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
878	M	8	745	FS	THYMUS	THY	F-LYMPHOMA	38	M
879	M	8	746	FS	KIDNEY		NEPHROPATHY		
879	M	8	746	FS	PITUITARY GLAND		HYPERPLASIA, PARS DISTALIS		
880	M	8	746	FS	ADRENAL GLAND		HYPERTROPHY, CORTEX		

Table C-1. Data Set for Tumor Incidence and Survival Analyses (Continued)

Animal	Sex	Dose Group	Death Day	Death Status ^a	Tissue	Tissue Code	Diagnosis Text	Diagnosis Code	Rel To Death ^b
880	M	8	746	FS	ADRENAL GLAND		VACUOLIZATION, CYTOPLASM, CORTEX		
880	M	8	746	FS	MAMMARY GLAND	MA	B-ADENOMA	1	M
880	M	8	746	FS	PANCREAS		HYPERPLASIA, ACINAR CELL		

a. U1 = Unscheduled (early) death, found dead; U2 = Unscheduled (early) death, moribund sacrifice; FS = Scheduled death, final sacrifice.

b. I = Incidental; F = Fatal; M = Mortality independent.

APPENDIX D
SUMMARY TABLES

Table D-1. Summary of Statistically Significant Increasing and Decreasing Dose Trends

Tumor Type	Sex	Tobacco Blend			Tobacco Extract		
		P-Value Trend 1,3,4,5	P-Value Trend 2,3,4,5	P-Value Trend 1&2,3,4,5	P-Value Trend 1,6,7,8	P-Value Trend 2,6,7,8	P-Value Trend 1&2,6,7,8
MAMMARY GLAND - B-ADENOMA	F	0.1537541	0.0042252	0.0164086	0.702029	0.0491488	0.179052
SKIN - M-CARCINOMA, BASAL CELL	F	0.0532471	0.190995	0.4547422	0.0030998	1	0.078115
UTERUS - M-CARCINOMA	F	0.069361	0.0253696	0.0117453	0.3552797	0.1514507	0.153785
EPIDIDYMISS - M-MESOTHELIOMA	M	0.0235588	0.0252965	0.0045476	0.9513822	0.7808396	0.8317044
THYROID GLAND - B-ADENOMA, FOLLICULAR CELL	M	0.1146405	0.0869707	0.076109	0.010398	0.0104615	0.0078204

Decreasing dose trend ($p \leq 0.0167$).Increasing dose trend ($p \leq 0.0167$).

B = Benign.

M = Malignant.

Table D-2. Summary of Tumor Counts for Statistically Significant Trends – Females

	Category	CF	CBF	B0.2F	B2F	B5F	E0.2F	E2F	E5F
MAMMARY GLAND - B-ADENOMA	I	3	2	2	2	1	3	2	0
	M	5	9	5	6	1	10	5	7
	F	0	3	2	2	0	1	1	1
	Sum	8	14	9	10	2	14	8	8
SKIN - M-CARCINOMA, BASAL CELL	I	1	0	0	0	0	0	0	0
	M	1	0	0	0	1	0	0	0
	F	2	0	0	0	0	0	0	0
	Sum	4	0	0	0	1	0	0	0
UTERUS - M-CARCINOMA	I	0	0	0	1	0	0	0	0
	M	0	0	2	1	4	2	0	2
	F	1	0	3	1	3	1	0	2
	Sum	1	0	5	3	7	3	0	4

I = Incidental; M = Mortality Independent; F = Fatal.

Table D-3. Summary of Tumor Counts for Statistically Significant Trends – Males

	Category	CM	CBM	B0.2M	B2M	B5M	E0.2M	E2M	E5M
EPIDIDYMISS - M-MESOTHELIOMA	I	0	0	0	0	0	0	1	0
	M	0	0	0	0	3	0	0	0
	Sum	0	0	0	0	3	0	1	0
THYROID GLAND - B-ADENOMA, FOLLICULAR CELL	I	0	0	0	0	0	1	0	0
	M	7	7	4	3	3	3	4	0
	Sum	7	7	4	3	3	4	4	0

I = Incidental; M = Mortality Independent; F = Fatal.