

Title: Determination of Volatiles in Smokeless Tobacco by Microwave Moisture Analyzer	Control #: ST-TM-440-264	Revision #: 3.1
	Approval Date: 12/16/2013	Effective Date: 12/16/2013
Test Method Owner: J.A. Sampson, ALCS RD&E Analytical Technical Services		

Test Method Revision History

Revision Number Date		Description of Change	Approved By
01	8/27/2010	Original Issue	D. DeSoi
02	10/29/2010	No information available on nature of method change.	D. DeSoi
2.1	4/5/2013	Replaced "Smart5" in the title and in the method text with "CEM SMART System" to allow for the use of other CEM system models. Replaced references to "Precision Oven" with generic "mechanical convection oven" to allow for the use of ovens from other manufacturers. Revised Attachment IV, "Validation of New Smokeless Tobacco Matrices" to remove ALCS Analytical Sciences from the validation process.	J.A. Sampson
3.0	10/18/2013	Performed Supplemental Validation to allow the use of the CEM SMART System Microwave Moisture/Solids Analyzer for the verification of the solution preparation (ratio of dry material to solution) of Flotop and Protop solutions. Added Flotop and Protop solution sample analysis information to Section E.9.b (3).	J.A. Sampson
3.1	12/16/2013	Moved to new template that does not include validation information, records requirements, and technical information or revision history sections. Created a separate revision history document and made other minor administrative changes. Changed Test Method name to better reflect intent.	J.A. Sampson