

SCOPE OF ACCREDITATION TO ISO/IEC 17043:2010

UNIVERSITY OF KENTUCKY
CENTER FOR TOBACCO REFERENCE PRODUCTS
1401 University Drive
Lexington, KY 40546
Dr. Socrates Canete (859) 257-2660

PROFICIENCY TESTING PROVIDER

Valid To: February 28, 2021

Certificate Number: 4034.01

In recognition of the successful completion of the A2LA evaluation process, this proficiency testing provider has been found to meet the ISO/IEC 17043:2010, "Conformity assessment - General Requirements for Proficiency testing." Therefore, in recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this provider to offer the following proficiency testing programs:

DISCIPLINE	FREQUENCY	PROPERTIES MEASURED / RANGE OF MEASUREMENT	TECHNIQUES USED TO DETERMINE ASSIGNED VALUE / UNCERTAINTY
Constituents in Mainstream Smoke	Three times a year	1. Total Particulate matter (TPM) 2. Nicotine 3. Carbon monoxide 4. Nicotine-free dry particulate matter (NFDPM) 5. Water 6. Puff count 7. Ammonia 8. Arsenic 9. Cadmium 10. NNK 11. NNN 12. 1,3-Butadiene 13. 1-Aminonaphthalene 14. 2-Aminonaphthalene 15. 4-Aminobi-phenyl 16. Acetaldehyde 17. Acrolein 18. Acrylonitrile 19. Benzene 20. Benzo(a)pyrene 21. CO 22. Crotonaldehyde 23. Formaldehyde	Consensus values from participants – using statistical methods described in ISO 13528 and ISO 5725-1 to 6

DISCIPLINE	FREQUENCY	PROPERTIES MEASURED / RANGE OF MEASUREMENT	TECHNIQUES USED TO DETERMINE ASSIGNED VALUE / UNCERTAINTY
Constituents in Mainstream Smoke (cont'd)	Three times a year	24. Isoprene 25. Tar (mg/cig) 26. Toluene	Consensus values from participants – using statistical methods described in ISO 13528 and ISO 5725-1 to 6
Cigarette Physical Parameters	Three times a year	1. Resistance to draw 2. Total ventilation 3. Tobacco weight 4. Cigarette weight 5. Air Permeability Banded 6. Air Permeability Un-banded 7. Filter Pressure Drop	Consensus values from participants – using statistical methods described in ISO 13528 and ISO 5725-1 to 6

