



SCOPE OF ACCREDITATION TO ISO/IEC 17043:2010

UNIVERSITY OF KENTUCKY
CENTER FOR TOBACCO REFERENCE PRODUCTS
1401 University Drive
Lexington, KY 40546
Matthew R. Craft (859) 218-5780

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, 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. Crotonaldehyde 22. Formaldehyde 23. Isoprene 24. Toluene 25. Hydrogen Cyanide 26. Nitrogen Oxides	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
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





Accredited Proficiency Testing Provider

A2LA has accredited

UNIVERSITY OF KENTUCKY CENTER FOR TOBACCO REFERENCE PRODUCTS

Lexington, KY

This accreditation covers the specific proficiency testing schemes listed on the agreed upon Scope of Accreditation.

This provider is accredited in accordance with the recognized International Standard ISO/IEC 17043: 2010 *Conformity assessment - General requirements for proficiency testing*. This accreditation demonstrates technical competence for a defined scope and the operation of a quality management system.



Presented this 22nd day of February 2017.

President and CEO
For the Accreditation Council
Certificate Number 4034.01
Valid to February 28, 2021

For the proficiency testing schemes to which this accreditation applies, please refer to the provider's Scope of Accreditation.