SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ITG BRANDS
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CHEMICAL

Valid To: July 31, 2023 Certificate Number: 2589.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on tobacco and tobacco products:

Test(s)	Test Method	Reference Method(s)
Standard Test Method for the Ignition Strength of Cigarettes	ASTM E2187-04 ASTM E2187-09	ASTM E2187-04 ASTM E2187-09
Determination of Physical Parameters of Cigarettes using a Cerulean QTM-085U: -Envelope -Pressure Drop -Percent Filter Tip Ventilation -Weight	SOP 0479	105 CMR 660.500
Determination of Selected Polynuclear Aromatic Hydrocarbons (PAHs) in Combustibles and E-Vapor Products	TM-0001	
Determination of Volatiles in Mainstream Smoke	TM-0004	
Modified LIP Method	TM-0008	
Determination of Nicotine-Nitrate-Total Reducing Sugars-Ammonia-Ashing-Nitrogen and Insoluble Nitrogen in Tobacco Samples	TM-0010	
ISO Smoking Method for the Determination of Smoking Analytes in Cigarette Smoke	TM-0013	ISO 4387, 8454, 10315, 10362.1; HC T-115; 105 CMR 660.500 ISO 20778
Determination of Selected Carbonyls in Mainstream Cigarette Smoke by UPLC	TM-0017	
Selected Metals in Tobacco by ICP-MS	TM-0019	
Method for the analysis of Ammonia in Mainstream Smoke by LC-MS	TM-0023	

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Test(s)	Test Method	Reference Method(s)
Determination of Primary Aromatic Amines in Combustible and E-Vapor Products	TM-0038	
Determination of Total Specific Nitrosamines in Tobacco and Mainstream Smoke by TEA	TM-0039	
Determination of Ammonia in E-Vapor Products	TM-0047	
Determination of Tobacco Specific Nitrosamines (TSNAs) and Anabasine in E-Vapor Products by UPLC-MS/MS	TM-0048	
Determination of Carbonyl and MonoAlcohol Compounds in E-Vapor Products	TM-0049	
The Determination of Volatile Organics (VOCs) in E-Vapor Products	TM-0050	
The Determination of Nicotine, Menthol, and select Polyols in E-Vapor Products by GC-MS	TM-0051	
Determination of Metals in E-Vapor Products	TM-0052	
Determination of Mono-Carbonyls in E-Vapor Products by LC-MS	TM-0053	
The Determination of pH in E-Vapor Products	TM-0054	
The Determination of Propylene Oxide (PO) in E-Vapor Products	TM-0055	
The Determination of Organic Acids in E-Vapor Products	TM-0057	
The Determination of Organic Acetates in E-Vapor Products by GC-MS/MS	TM-0058	
The Determination of Water in E-Vapor Products	TM-0060	
The Determination of Nicotine, Menthol, and select Polyols in E-Vapor Products by GC-FID	TM-0062	

Accredited Laboratory

A2LA has accredited

ITG BRANDS

Greensboro, NC

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 2nd day of July 2021.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2589.01
Valid to July 31, 2023

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.