



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ALCOHOL AND TOBACCO TAX AND TRADE BUREAU
Scientific Services Division - National Laboratory Center
6000 Ammendale Road
Beltsville, MD 20705-1250
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CHEMICAL

Valid To: July 31, 2025

Certificate Number: 2548.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following in-house test methods on alcoholic beverages, non-beverage alcohol products, and tobacco products:

<u>Test/Technology(ies)</u>	<u>Test Method</u>
<u>Densitometer</u>	
Determination of Specific Gravity and Refractive Index for Non-Beverage Products	SSD:TM:103
Ethanol Determination by Specific Gravity	SSD:TM:102
<u>GC and GC/MS</u>	
Analysis of Coumarin, Beta-Asarone, and Thujone using GC/MS	SSD:TM:203
Capillary GC Analysis of Fusel Oils and Other Components of Interest	SSD:TM:200
Ethanol Determination by Headspace GC/MS	SSD:TM:218
GC-FID Analysis of Ethanol and Propylene Glycol in Liquid Non-Beverage Products	SSD:TM:217
<u>Headspace Gas Chromatography Isotope Ratio Mass Spectrometry</u>	
Determination of Stable Carbon Isotope Ratios of Ethanol in Alcoholic Beverages	SSD:TM:210
<u>HPLC/UHPLC</u>	
Cyanide (Prussic Acid) by Ion-Chromatography	SSD:TM:312
Residual Sugars and Erythritol in Alcohol Beverages by UPLC-RI	SSD:TM:316
Synthetic Color Detection in Beverage Alcohol Products by UHPLC-UV/Vis(-MS)	SSD:TM:305
Vanillin and Ethyl Vanillin in Non-Beverage Products by Ultra High-Performance Liquid Chromatography-Photodiode Array Detection (UHPLC-PDA)	SSD:TM:313

<u>Test/Technology(ies)</u>	<u>Test Method</u>
<u>ICP/MS</u>	
Trace Elements in Cigarette Tobacco by ICP/MS (Ba, Cd, Co, Cr, Cu, Mn, Mo, Pb, V, Zn)	SSD:TM:525
Trace Metals by ICP/MS (As, Cd, Ce, Co, Cr, Cu, Ni, Pb, Se, Sb, Tl, Ur)	SSD:TM:513
<u>LC/MS/MS</u>	
Determination of Cannabinoids in Beverage Alcohol Products using LC/MS/MS (Δ 9-THC, THCA, CBD, CBDA, CBN)	SSD:TM:317
<u>Spectroscopy</u>	
Determination of Sodium and Potassium with Flame AA	SSD:TM:510
<u>Wet Chemistry</u>	
Determination of Titratable Acidity	SSD:TM:501
Fill/Headspace by Volume	SSD:TM:516
Fill/Headspace by Weight	SSD:TM:517
Solids by Evaporation	SSD:TM:511
Solids by Specific Gravity	SSD:TM:512
Total Sulfur Dioxide by Aeration-Oxidation	SSD:TM:500





Accredited Laboratory

A2LA has accredited

ALCOHOL AND TOBACCO TAX AND TRADE BUREAU

Beltsville, MD

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 10th day of July 2023.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2548.01
Valid to July 31, 2025

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