



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SMITHERS AMS LLC
790 Main Street
Wareham, MA 02571
Eric Steele Phone: 508 295 2550

CHEMICAL

Valid To: September 30, 2025

Certificate Number: 5938.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following methods on cannabis flower, cannabis concentrates, cannabis extracts and cannabis infused products:

<u>Test(s)/Technology:</u>	<u>Test Method(s):</u>
Cannabinoid Profile/Potency by HPLC-UV: CBC CBCA CBD CBDA CBDV CBDVA CBG CBGA CBL CBLA CBN CBNA D8-THC D9-THC Exo-THC THCA-A THCV THCVA	TP-09.001, TP-09.002
Cannabinoid Profile/Potency by UPLC-PDA: CBC CBCA CBD CBDA CBDV CBDVA	TP-09.001, TP-09.012

<u>Test(s)/Technology:</u>	<u>Test Method(s):</u>
Cannabinoid Profile/Potency by UPLC-PDA (cont) CBG CBGA CBL CBLA CBN CBNA CBT D8-THC D9-THC Exo-THC THCA-A D8-THCV THCV THCVA	TP-09.001, TP-09.012
Moisture Determination by Gravimetric Analysis	TP-09.003
Heavy Metal Analysis by ICP/MS: Arsenic Cadmium Lead Mercury	TP-09.007
Pesticide Residues, Plant Growth Regulators and Mycotoxins by LC-MS/MS: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Bifenazate Bifenthrin Etoxazole Imazalil Imidacloprid Myclobutanil Ochratoxin A Spiromesifen Trifloxystrobin	TP-09.009
Pesticide Residues and Plant Growth Regulators by GC-MS/MS: Cyfluthrin	TP-09.008
Residual Solvents by HS-GC-MS: Acetone Acetonitrile Benzene n-Butane Iso-butane	TP-09.005

<u>Test(s)/Technology:</u>	<u>Test Method(s):</u>
Residual Solvents by HS-GC-MS (cont) Chloroform 1,2-Dichloroethane Diethyl ether Ethanol Ethyl Acetate Ethylene Oxide n-Heptane 2-Propanol Methanol Methylene Chloride n-Hexane N-Pentane Propane Toluene Trichloroethylene m&p-Xylene o-Xylene	TP-09.005
Terpenes by GC-MS: [+,N,-]-Camphor [+/-]-Borneol [+/-]-Fenchone alpha-Bisabolol alpha-Cedrene alpha-Humulene alpha-Phellandrene alpha-Pinene alpha-Terpinene alpha-Terpineol beta-Myrcene beta-Pinene Camphene Caryophyllene Oxide Cedrol delta-3-Carene D-Limonene E-beta-Ocimene E-Caryophyllene Endo-Fenchyl Alcohol E-Nerolidol Eucalyptol gamma-Terpinene gamma-Terpineol Geraniol Geranyl Acetate	TP-09.004

<u>Test(s)/Technology:</u>	<u>Test Method(s):</u>
Terpenes by GC-MS (cont) Guaiol Isoborneol Isopulegol Linalool Menthol Nerol Pulegone Sabinene Sabinene Hydrate Terpinolene Valencene Z-beta-Ocimene Z-Nerolidol	TP-09.004
Tocopheryl Acetate (Vitamin E Acetate) by HPLC-UV	TP-09.006

BIOLOGICAL

<u>Test/Technology:</u>	<u>Test Method:</u>
Aerobic Plate Count by MPN	TP-09.010
Yeast and Mold by MPN	
Total Enterobacteriaceae by MPN	
Total Coliforms by MPN	
<i>Escherichia coli</i> by qPCR	TP-09.011
<i>Salmonella</i> by qPCR	



Accredited Laboratory

A2LA has accredited

SMITHERS AMS LLC

Wareham, MA

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 5th day of December 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5938.01
Valid to September 30, 2025

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