



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

VIRIDIS LABORATORIES
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CHEMICAL

Valid To: November 30, 2026

Certificate Number: 5729.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with A2LA's *R259 – Specific Requirements – NIHC Verify Accreditation Program*), accreditation is granted to this laboratory to perform the following tests on the following matrices:

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>	<u>Matrix(ices)</u>
Chemical Residue (Pesticides) by LC-MS/MS Abamectin Acephate Acequinocyl Acetamiprid Aldicarb Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran Chlorantraniliprole Chlorfenapyr Chlorpyrifos Clofentezine Cyfluthrin Cypermethrin Daminozide DDVP (Dichlorvos) Diazinon Dimethoate Ethoprophos Etofenprox Etoxazole Fenoxycarb Fenpyroximate Fipronil Flonicamid	LOM 7.4a Chemical Residue-Pesticide Analysis by LC-MS-MS	Concentrates, Flower, and Infused Products

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>	<u>Matrix(ices)</u>
Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim-methyl Malathion Metalaxyl Methiocarb Methomyl Methyl parathion MGK-264 Myclobutanil Naled Oxamyl Paclobutrazol Permethrins Phosmet Prallethrin Propiconazole Propoxur Pyrethrins Pyridaben Spinosad Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin		
Heavy Metals by iCAP-MS Arsenic Cadmium Chromium Copper Lead Mercury Nickel	LOM 7.2 Heavy Metal Analysis	Concentrates, Flower, and Infused Products
Homogeneity Testing	LOM 7.12	Infused Products
Infused Beverage Testing	LOM 7.18 Infused Beverage Testing	Infused Products
Moisture Content/Water Activity by AquaLab Dew Point	LOM 7.3 Moisture Content and Water Activity Analysis	Infused Products
Mycotoxins Aflatoxin B1	LOM – 7.23 Mycotoxin Analysis	Concentrates, Flower, and Infused Products

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>	<u>Matrix(ices)</u>
Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A		
pH by pH Meter	LOM 7.18e pH Measurements for Infused Beverages	Infused Products
Potency by UHPLC-DAD Cannabichromene (CBC) Cannabichromenic Acid (CBCA) Cannabicyclol (CBL) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabidivarin (CBDV) Cannabidivarinic Acid (CBDVA) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabinol (CBN) Delta 9-Tetrahydrocannabinol (THC) Delta 9-Tetrahydrocannabivarian (THCV) Delta 9-Tetrahydrocannabivarianic Acid (THCVA) Delta-10- Tetrahydrocannabinol (Delta 10-THC) Delta-8-Tetrahydrocannabinol (Delta 8-THC) Tetrahydrocannabinolic Acid (THCA) THC-O-Acetate (THC-O)	LOM 7.1 Cannabinoid Analysis	Concentrates, Flower, and Infused Products
Residual Solvents by GC-MS/FID 1,2-Dichloroethane Acetone Acetonitrile Benzene Chloroform Ethanol Ethyl acetate Ethyl ether Ethylene oxide Heptane Isopropyl alcohol Methanol Methylene chloride Propane Toluene Total Butane Total Hexanes Total Pentane Total Xylenes Trichloroethylene	LOM 7.10 Residual Solvent Analysis	Concentrates and Infused Products

Test(s)/Technology(ies)	Test Method(s)	Matrix(ices)
Terpenes by GC-MS/FID (-) Guaiol (-)- α -Bisabolol (-)-Isopulegol 3-Carene α -Terpinene Camphene Caryophyllene Caryophyllene oxide cis-Ocimene D-Limonene Eucalyptol Geraniol Humulene Linalool Nerolidol 1 Nerolidol 2 Ocimene 2 p-Cymene β -Myrcene β -Pinene α -Pinene Terpinolene γ -Terpinene	LOM 7.7a Terpenoid Analysis by Headspace	Concentrates, Flower, and Infused Products
Terpenes by GCMS-Liquid Injection (-) Guaiol (-)- α -Bisabolol (-)-Isopulegol (+)-Cedrol (+)-Pulegone 3-Carene α -Cedrene α -Terpineol α -Pinene α -Terpinene β -Myrcene Borneol β -Pinene Camphene Camphor Caryophyllene Caryophyllene oxide D-Limonene Eucalyptol Farnesene 1 Farnesene 2	LOM 7.7b Terpenoid Analysis by Liquid Injection	Concentrates, Flower, and Infused Products

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>	<u>Matrix(ices)</u>
Farnesene 3 Fenchol Fenchone gamma-Terpinene gamma-Terpineol Geraniol Geranyl Acetate Hexahydrothymol Humulene Isoborneol Linalool Nerol Nerolidol 1 Nerolidol 2 Ocimene 1 Ocimene 2 Phytol 1 Phytol 2 p-mentha-1,5-diene Sabinene Sabinene Hydrate Terpinolene Valencene		
Tryptamines in Mushrooms by LC-MS/MS	LOM 7.30 Tryptamines in Mushrooms	Mushrooms
Vitamin E Acetate (alpha tocopheryl acetate) by LC-MS/MS	LOM 7.14b Vitamin E Acetate (ATA) by LCMSMS	Infused Products

BIOLOGICAL

<u>Test/Technology(ies)</u>	<u>Test Method(s)</u>	<u>Matrix</u>
Foreign Matter Inspection by Macroscopic and Microscopic Exam	LOM 7.11 Foreign Matter Analysis and Photographic Imaging	Concentrates, Flower, and Infused Products
Microbials by MPN Fluorescence (Tempo) Total Coliform Bacteria Total Yeast & Mold	LOM - 7.22 TEMPO YM & CC	Concentrates, Flower, and Infused Products
Microbials by qPCR (Gene-Up): <i>Aspergillus</i> spp. <i>Escherichia coli</i> <i>Salmonella</i> spp. Shiga Toxin-Producing <i>E. coli</i> (STEC)	LOM 7.20 GENE-UP Aspergillus LOM 7.21 GENE-UP STEC & Salmonella	Concentrates, Flower, and Infused Products
Microbials by PCR & Fluorescence (Pathogen DX)	LOM - 7.34 Pathogen DX Yeast & Mold	Flower

SAMPLING

<u>Sampling Type</u>	<u>Methods</u>	<u>Matrices</u>
Field Sampling & Collection	State of Michigan Rule: R. 420.304 Sampling; testing LOM 5.0 Sample Collection and Analysis	Concentrates, Flower, and Infused Products



Accredited Laboratory

A2LA has accredited

VIRIDIS LABORATORIES

Lansing, MI

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 laboratory also meets A2LA R259 – *Specific Requirements – NIHC Verify Accreditation Program*. 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 14th day of January 2025.

A blue ink signature of Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5729.01
Valid to November 30, 2026

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