



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

GREEN ANALYTICS VIRGINIA, LLC
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Ashland, VA 23005
Rebecca Hobden Phone: 540-682-3765

CHEMICAL

Valid To: October 31, 2024

Certificate Number: 5748.01

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

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>
<u>Cannabinoid Potency by HPLC</u> CBC CBD CBDA CBG CBGA CBN Delta-8-THC Delta-9-THC Delta-9-THCA THCV Total CBD Total THC	SOP-VA 1149-Cannabinoid Potency (Doc ID 1149)
<u>Heavy Metals by ICP-MS</u> Arsenic, As Cadmium, Cd Lead, Pb Mercury, Hg	SOP-VA 1165 Trace Heavy Metals for Plants & Products (Doc ID 1165)
<u>Residual Solvents by GC-MS</u> 1,2-Dichloroethane 2-Propanol (IPA) Acetone Acetonitrile Benzene Chloroform Cyclohexane Ethanol Ethyl Acetate Methanol	SOP-VA 1301-Residual Solvents Analysis (Doc ID 1501)

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>
Methylene chloride n-Heptane n-Hexane n-Pentane Toluene Total Xylenes Trichloroethene	
<u>Terpenes by GC-MS</u> 3-Carene Camphene Caryophyllene Oxide Cineole/Eucalyptol Geraniol Guaiol Isopulegol Limonene Linalool Myrcene Nerolidol Ocimene p-cymene Terpinolene α -Bisabolol α -Humulene α -Pinene α -Terpinene β -Caryophyllene β -Pinene γ -Terpinene	SOP-VA 1539-Terpenes Analysis (Doc ID 1539)
<u>Pesticides by LC-MS/MS</u> Abamectin Acephate Acequinocyl Acetamiprid Aldicarb Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran Chlorantraniliprole Chlorfenapyr	SOP-VA 1581-Pesticides and Mycotoxin Detection (Doc ID 1581)

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>
Chlorpyrifos Clofentezine Cyfluthrin Cypermethrin Daminozide Diazinon Dichlorvos Dimethoate Ethoprophos Etofenprox Etoxazole Fenoxycarb Fenpyroximate Fipronil Flonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim-methyl Malathion Metalaxyl Methiocarb Methomyl Methyl parathion MGK-264 Myclobutanil Naled Oxamyl Paclobutrazol Permethrins Phosmet Piperonyl butoxide Prallathrin Propiconazole Propoxur Pyrethrins Pyridaben Spinosad Spiromesifen Spirotetramat Spiroxamine Tebuconazole	

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>
Thiacloprid Thiamethoxam Trifloxystrobin	
<u>Mycotoxins by LC-MS/MS</u> Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin	SOP-VA 1581-Pesticides and Mycotoxin Detection (Doc ID 1581)

BIOLOGICAL

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>
<u>Microbial Contamination by Plate Count</u> <i>Aspergillus</i> <i>Pseudomonas aeruginosa</i> <i>Salmonella</i> spp. <i>Staphylococcus aureus</i>	SOP-VA 1382-Microbial Contamination by Plate Count based on USP <61> and <62> and <i>Petrifilm</i> (Doc ID 1382)
<u>Microbial Contamination by Plate Count & <i>Petrifilm</i></u> BTGN <i>Escherichia coli</i> Total Aerobic Microbial Count Total coliforms Total Yeast and Mold Count	
<u>Microbial Contamination by qPCR</u> BTGN <i>Escherichia coli</i> <i>Salmonella</i> spp. Total Aerobic Microbial Count Total coliforms Total Yeast and Mold Count	Microbial contamination by qPCR SOP-701-GA, SOP-702-GA, SOP-703-GA
<u>Moisture content by Moisture Analyzer</u> Moisture content, %	SOP-055-GA Moisture Content
<u>Water Activity by Water Activity Meter</u> Water activity, a_w	SOP-VA 1496-Water Activity (Doc ID 1496)



Accredited Laboratory

A2LA has accredited

GREEN ANALYTICS VIRGINIA, LLC

Ashland, VA

for technical competence in the field of

Chemical Testing

This 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 20th day of January 2023.

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

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5748.01
Valid to October 31, 2024

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