



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EARTH LABS, LLC.
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CHEMICAL

Valid To: June 30, 2022

Certificate Number: 5020.01

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 edibles:

<u>Test/Technology</u>	<u>Test Method</u>
Cannabinoids by HPLC CBC CBD CBDA CBDV CBG CBGA CBN Δ8 THC Δ9 THC THCA THCV	SOP-001
Heavy Metals by ICP-MS Arsenic Cadmium Lead Mercury	SOP-002
Moisture Content by Moisture Analyzer	SOP-009
Mycotoxins by LC-MSMS Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A	SOP-004

<u>Test/Technology</u>	<u>Test Method</u>
Residual Pesticides (Category I and II) by GC-MSMS Captan Chlordane Chlorfenapyr Methyl parathion Pentachloronitrobenzene	SOP -005
Residual Pesticides (Category I and II) by LC-MSMS Abamectin Acephate Acequinocyl Acetamiprid Aldicarb Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran Chlorpyrifos Choranthraniliprole Clofentezine Coumaphos Cyfluthrin Cypermethrin Daminozide DDVP (Dichlorvos) Diazinon Dimethoate Dimethomorph Ethoprop(hos) Etofenprox Etoxazole Fenhexamid Fenoxycarb Fenpyroximate Fipronil Flonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim-methyl Malathion Metalaxyl Methoiocarb Methomyl	SOP-004



<u>Test/Technology</u>	<u>Test Method</u>
Residual Pesticides (Category I and II) by LC-MSMS (cont.) Mevinphos Myclobutanil Naled Oxamyl Paclobutrazol Permethrin Phosmet Piperonyl butoxide Prallethrin Propiconazole Propoxur Pyrethrins Pyridaben Spinetoram Spinosad Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	
Residual Solvents and Processing Chemicals (Category I and II) by GC-FID-MS Acetone Acetonitrile Benzene Butane Chloroform 1,2-Dichloroethane Ethanol Ethyl acetate Ethyl ether Ethylene oxide Heptane Hexane Isopropyl alcohol Methanol Methylene chloride Pentane Propane Toluene Total xylenes (ortho-, meta-, para-) Trichloroethylene	SOP-003



<u>Test/Technology</u>	<u>Test Method</u>
Terpenes Profiling by GC-FID alpha-Bisabolol alpha-Humulene alpha-Ocimene alpha-Pinene alpha-Terpinene beta-Caryophyllene beta-Myrcene beta-Ocimene beta-Pinene Camphene Caryophyllene Oxide cis-Nerolidol delta-3-Carene D-Limonene Eucalyptol gamma-Terpinene Geraniol Guaiol Isopulegol Linalool p-Cymene Terpinolene Trans-Nerolidol	SOP-006
Water Activity by TDL Water Activity Meter	SOP-010

BIOLOGICAL

<u>Test/Technology(ies)</u>	<u>Test Method</u>
Pathogenic <i>Aspergillus</i> spp. (<i>A. fumigatus</i> , <i>A. flavus</i> , <i>A. niger</i> , <i>A. terreus</i>) by PCR	SOP-007
<i>Escherichia coli</i> by PCR	SOP-007
<i>Salmonella</i> spp. by PCR	SOP-007
Filth and Foreign Material by Visual Inspection and Stereo Microscope	SOP-008



Accredited Laboratory

A2LA has accredited

EARTH LABS, LLC

Irvine, CA

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 25th day of June 2020.

A blue ink signature of the Vice President, Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5020.01
Valid to June 30, 2022

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