



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

INSTITUTE OF FOOD SAFETY AND DEFENSE DBA PRAXIS LABORATORY

327 N Tower Ave

Centralia, WA 98531

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CHEMICAL

Valid To: September 30, 2022

Certificate Number: 4803.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with A2LA R243 - *Specific Requirements - Cannabis Testing Laboratory Accreditation Program*, containing the ASA (Americans for Safe Access) Laboratory Requirements which is derived from the 2016 *American Herbal Products Association (AHPA) Recommendations for Regulators – Cannabis Operations*)¹, accreditation is granted to this laboratory to perform the following types of tests on the listed matrices:

<u>Test(s)</u>	<u>Matrices</u>	<u>Test Method</u>
Cannabinoid Potency Determination (HPLC) CBC CBCA CBD CBDA CBDV CBDVA CBG CBGA CBL CBN CBNA CBT Δ-8 THC Δ-9 THC THCA THCV THCVA	Cannabis and Hemp Concentrates Edibles Oils Tinctures	TM017
Mycotoxins (ELISA) Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A	Cannabis and Hemp Concentrates Edibles Oils Tinctures Cocoa Coffee Grains Nuts Seeds Spices	TM004

Mycotoxins (LC-MS/MS) Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A	Cannabis and Hemp Concentrates Edibles Oils Tinctures Food	TM024
Pesticides (LC-MS/MS) Acephate Acequinocyl Acetamiprid Aldicarb Avermectin B1a Avermectin B1b Azoxystrobin Bifenazate Bifenthrin Boscalid Butoxide Carbaryl Carbofuran Chlorantraniliprol Chlorfenapyr Chlormequat Chloride Chlorpropham Chlorpyrifos Cinerin Clofentezine Cyfluthrin Cypermethrin Daminozide Diazinon Dichlorvos Dimethoate Diuron Ethoprophos Etofenprox Etoxazole Fenoxycarb Fenproximate Fipronil Flonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Isomer2 Jasmolin Kresoxim-methyl Malathion Mehtiocarb Metalaxyl Methomyl MGK 264 MGK-264 Isomer	Cannabis and Hemp Concentrates Edibles Oils Tinctures Food Soil Water	TM027



Pesticides (LC-MS/MS) (cont.) Myclobutanil Naled O-Phenylphenol Oxyaml Paclobutrazole Parathion-methyl Permethrin cis Permethrin trans Phosmet Piperonyl Prallethrin Propiconazole Propoxur Pyrethrins Pyridaben Spinosyn A Spinosyn D Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiabendazole Thiacloprid Thiamethoxam Trifloxystrobin Uniconazole		
Residual Solvents (GC-FID) Acetone Benzene Butane Chloroform Cyclohexane Dichloromethane Ethyl Acetate Ethylbenzene EtOH Heptane Hexanes Isobutane Isopropanol MeCN MeOH Mpxylene O-Xylene Pentane Propane Toluene	Cannabis and Hemp Concentrates Edibles Oils Tinctures Food Herbs Spices	TM016
Terpenes (GC-FID) 2-Piperidinone Alpha-Bisabolol Alpha-Humulene Alpha-Pinene Alpha-Terpinene	Cannabis and Hemp Concentrates Edibles Oils Tinctures Terpene Isolates	TM025

Terpenes (GC-FID) (cont.) Alpha-Terpineol Beta-Caryophyllene Beta-Myrcene Beta-Pinene Borneol Camphene Citral Citronellol Delta-3-Carene Dihydrocarveol D-Limonene Fenchone Gamma-Terpinene Geraniol Guaiol Isopulegol Linalool Nerolidol Ocimene P-Cymene Pulegone Terpinolene		
Water Activity	Cannabis and Hemp Concentrates Edibles Oils Tinctures	TM005

¹Accreditation does not imply acceptance to the ASA PFC program. Please see the ASA website (<https://safeaccess2.org/patientfocusedcertification/companies/>) for a listing of ASA PFC certified laboratories.



Accredited Laboratory

A2LA has accredited

INSTITUTE OF FOOD SAFETY AND DEFENSE DBA PRAXIS LABORATORY

Centralia, WA

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 the requirements of A2LA R243 - *Specific Requirements - Cannabis Testing Laboratory Accreditation Program*, containing the Americans for Safe Access (ASA) Laboratory Requirements. 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 2nd day of November 2020.



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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4803.01
Valid to September 30, 2022

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