



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EASTERN ANALYTICAL LABS
6 North Church Street
Middletown, MD 21769
Michael Doub Phone: 301 573 4736

CHEMICAL

Valid To: October 31, 2022

Certificate Number: 4966.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with A2LA's 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, and A2LA's R257 – *Specific Requirements - Maryland Cannabis Accreditation Program*, which includes the requirements of the 2020 Maryland Cannabis Commission Laboratory Accreditation Policy and The Maryland Medical Cannabis Commission's Technical Authority for Medical Cannabis Testing), accreditation is granted to this laboratory to perform the following tests on cannabis products:

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>
Heavy Metals Analysis by ICP-MS2030: Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver	LP-004
Mycotoxins by LCMS-8050: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A	LP-006
Pesticides by LCMS-8050: Abamectin B1aNH4 Acetamiprid Aldicarb Ancymidol Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran	LP-006

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>
Chloantraniliprole Chlorpyrifos Clofentezine Cyfluthrin Daminozide Oxamyl Diazinon Dichlorvos Dimethoate Ethephon Etoxazole Flonicamid Fipronil Fludioxonil Flurprimidol Hexythiazox Imadocloprid Imazalil Kresoxym-methyl Malathion Metalaxyl Methiocarb Methomyl Myclobutanil Naled Paclobutrazol Permethrins Phosmet Piperonyl Butoxide Propiconazole Pyrethrin I Fenpyroximate Spinosyn A Spinosyn D Spiromefesin Spirotetramat Thiacloprid Thiamethoxam Trifloxystrobin	
Potency Cannabinoid Content HPLC-2030C Plus: Cannabichromene (CBC) Cannabidiol (CBD) Cannabidiolic Acid (CBDA) Cannabidivarin (CBDV) Cannabigerol (CBG) Cannabigerolic Acid (CBGA) Cannabinol (CBN) Delta-8-tetrahydrocannabinol (D8-THC) Delta-9-tetrahydrocannabinol (D9-THC) Tetrahydrocannabinolic Acid (THCA) Tetrahydrocannabivarin (THCV)	LP-005

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>
Residual Solvents by GC-MS -TQ8040 with HS-20 Headspace Sampler: Benzene Butanes Ethanol Heptane Hexanes Propane Toluene Total Xylenes	LP-003
Terpenes by GC-MS -TQ8040 with HS-20 Headspace Sampler and by GC-TIC: 3-Carene Alpha-Bisabolol Alpha-Cedrene Alpha-Humulene Alpha-Pinene Alpha-Phellandrene Alpha-Terpinene Beta-Myrcene Beta-Pinene Borneol Camphene Camphor Caryophyllene Caryophyllene oxide Cedrol Eucalyptol Farnesene Fenchol Isopulegol Fenchone Isoborneol Gamma-Terpinene Geranyl Acetate Guaial Limonene Linalool Menthol Nerol Geraniol Nerolidol Ocimene Para-Cymene Pulegone Sabinene Terpineol Terpineolene Valencene	LP-002
Vitamin E Acetate by HPLC LC-2030C Plus	LP-009
Water Activity by AQUALAB 4TE Water Activity Meter	LP-008

BIOLOGICAL

<u>Test(s)/Technology(ies)</u>	<u>Test Method(s)</u>
Microbiological Impurities by Plating: <u>Qualitative:</u> <i>Salmonella</i> spp. <u>Quantitative:</u> <i>Escherichia coli</i> Total Aerobic Microbial Count (TAMC) Total Yeast and Mold Count (TYMC)	LP-031 Aerobic Plate Count LP-068 – Total Yeast and Molds LP-065 – Salmonella LP-036 E Coli

SAMPLING

<u>Matrices</u>	<u>Sampling Method(s)</u>
Cannabis and Cannabis Products	T-002

¹ Accreditation 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

EASTERN ANALYTICAL LABS

Middletown, MD

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's 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 18th day of December 2020.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4966.01
Valid to October 31, 2022
Revised July 11, 2022

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