



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

TRICHOME ANALYTICAL
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CHEMICAL

Valid To: September 30, 2024

Certificate Number: 5913.01

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

| <u>Test(s)/Technology(ies)</u> | <u>Test Method(s)</u> |
|---|--|
| Determination of Moisture Content by Gravimetry | SOP.702 |
| Determination of Water Activity by Humidity Equilibrium | SOP.704, ASTM D8196 |
| Foreign Materials Screening by Stereomicroscopy | SOP.706 |
| Quantitation of Cannabinoid Content by UHPLC-PDA: CBC CBCA CBD CBDA CBDV CBDVA CBG CBGA CBL CBN THCA THCV THCVA Δ8THC Δ9THC | SOP.101A, SOP.101B, SOP.101C, SOP.102, AOAC 2018.11 (Modified) |
| Quantitation of Metal and Metalloids by ICP-MS: Antimony Arsenic Cadmium Chromium Copper Iron Lead Manganese | SOP.501, SOP.502 |

| <u>Test(s)/Technology(ies)</u> | <u>Test Method(s)</u> |
|---|---|
| Mercury Nickel Selenium Zinc | |
| Quantitation of Mycotoxins by LC-MS/MS: Aflatoxins B1 Aflatoxins B2 Aflatoxins G1 Aflatoxins G2 Aflatoxins Ochratoxin A | SOP.301.401, SOP.402, SOP.403, SOP.404 |
| Quantitation of Pesticides by GC-MS: Captan Chlordane (cis-, trans-) Chlorfenapyr Cyfluthrin Cypermethrin Methyl Parathion MGK 246 Pentachloronitrobenzene | SOP.301.401, SOP.302 |
| Quantitation of Pesticides by LC-MS/MS: Abamectin Acephate Acequinocyl Acetamiprid Aldicarb Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran Chlorantraniliprole Chlormequat Chloride Chlorpyrifos Clofentezine Coumaphone Daminozide Diazinon Dichlorvos Dimethoate Dimethomorph Ethoprophos Etofenprox Etoxazole Fenhexamid Fenoxycarb Fenpyroximate | SOP.301.401, SOP.402 |



| <u>Test(s)/Technology(ies)</u> | <u>Test Method(s)</u> |
|---|-----------------------|
| Fipronil Flonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxym-Methyl Malathion Metalaxyl Methiocarb Methomyl Mevinphos Myclobutanil Naled Oxamyl Paclobutrazol Permethrins (cis-, trans-) Phosmet Piperonyl Butoxide Prallethrin Propiconazole Propoxur Pyrethrins Pyridaben Spinetoram (J, L) Spinosad (Spinoyl A, Spinosyn D) Spiromefesin Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin | |
| Quantitation of Pesticides by LC-MS/MS: Abamectin Acetamiprid Aldicarb Ancymidol Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran Chlorantraniliprole Chlorpyrifos Clofentezine Cyfluthrin Daminozide | SOP.403, SOP.404 |



| <u>Test(s)/Technology(ies)</u> | <u>Test Method(s)</u> |
|---|-----------------------|
| Diazinon Dichlorvos Dimethomorph Ethephon Etoxazole Fenpyroximate Fipronil Flonicamid Fludioxonil Flurprimidol Hexythiazox Imazalil Imidacloprid Kresoxim-Methyl Malathion Metalaxyl Methiocarb Methomyl Myclobutanil Naled Oxamyl Paclobutrazol Permethrins (cis-, trans-) Phosmet Piperonyl Butoxide Propiconazole Pyrethrins Spinosad (Spinoy A, Spinosyn D) Spiromesifen Spirotetramat Thiacloprid Thiamethoxam Trifloxystrobin | |
| Quantitation of Residual Solvents by HS-GC/MS: 1,1-Dichloroethene 1,2-Dichloroethane Acetone Acetonitrile Benzene Butane Chloroform Ethanol Ethyl Acetate Ethyl Ether Ethylene Oxide Heptane Hexane Isopropanol Methanol | SOP.203, SOP.204 |



| <u>Test(s)/Technology(ies)</u> | <u>Test Method(s)</u> |
|---|------------------------------|
| Methylene Chloride Pentane Propane Toluene Total Xylenes (meta-, ortho-, para-) Trichloroethylene | |
| Quantitation of Terpenoid Content by GC-MS Liquid Injection: alpha-Bisabolol alpha-Cedrene alpha-Humulene Caryophyllene Cedrol Fenchyl Alcohol Guaiol Nerolidol (cis-, trans-) Valencene | SOP.101B, SOP.304 |
| Quantitation of Terpenoid Content by HS-GC/MS: 3-Carene alpha-Bisabolol alpha-Cedrene alpha-Humulene alpha-Phellandrene Alpha-Pinene alpha-Terpinene beta-Myrcene beta-Pinene Borneol Camphene Camphor Caryophyllene Caryophyllene Oxide Cedrol D-Limonene Eucalyptol Fenchone Fenchyl Alcohol gamma-Terpinene Geraniol Geranyl Acetate Guaiol Isoborneol Isopulegol Linalool Menthol Nerol Nerolidol (cis-, trans-) Ocimene Pulegone | SOP.201, SOP.202 |



| <u>Test(s)/Technology(ies)</u> | <u>Test Method(s)</u> |
|---|-----------------------|
| Sabinene Sabinene Hydrate Terpineol (alpha-, beta-, gamma-) Terpinolene Valencene | |
| Quantitation of Vitamin E Acetate by UHPLC-PDA: (+/-)-Alpha Tocopherol Acetate | SOP.101B, SOP.104 |

BIOLOGICAL

| <u>Test(s)/Technology(ies)</u> | <u>Test Method(s)</u> |
|--|---|
| Detection of Microbial Contamination by qPCR: <i>Aspergillus</i> Multiplex (flavus, fumigatious, niger, terreus) <i>Listeria</i> <i>Listeria monocytogenes</i> <i>Salmonella spp.</i> Shiga Toxin-Producing <i>Escherichia coli</i> (STEC) Total Yeast and Mold | SOP.601A, SOP.601B, SOP.602, SOP.606 |
| Detection of Microbial Contamination by MPN: <i>E. Coli</i> Enterobacteriaceae Count Total Aerobic Count Total Coliforms Total Yeast and Mold | SOP.605 |

SAMPLING

| <u>Sampling</u> | <u>Method</u> |
|---|---------------|
| Post-harvest Cannabis and Cannabis Product Sampling at Client Facilities | SOP.902 |





Accredited Laboratory

A2LA has accredited

TRICHOME ANALYTICAL

Mount Laurel, NJ

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 12th day of October 2022.

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

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5913.01
Valid to September 30, 2024

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