



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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CHEMICAL

Valid To: December 31, 2025

Certificate Number: 4331.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on cannabis (marijuana) flower, concentrate, topical, and edible products from state licensed medical, recreational, and industrial hemp customers:

<u>Test/Technology</u>	<u>Test Method(s)</u>	<u>Matrices</u>
Cannabinoid Potency Analysis – HPLC CBDVA, CBDV, THCVA, THCV, CBDA, CBD, THCA, THC (exo, delta 8, delta 9, delta 10), CBCA, CBC, CBGA, CBG, CBNA, CBN, THC-O-Acetate, CBL, CBLA, CBDQ	SOP.T.30.039.CO SOP.T.40.039.CO	Flowers, Concentrations, Infused Products, & Industrial Hemp Products
Heavy Metals Analysis – ICP-MS Aluminum, Antimony, Arsenic, Boron, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Vanadium, Zinc	SOP.T.30.081.CO SOP.T.40.081.CO	Flowers, Concentrations, Infused Products, & Industrial Hemp Products
Mycotoxins – LC-MS/MS Aflatoxins (B1, B2, G1, G2), Ochratoxins A	SOP.T.30.105.CO SOP.T.40.105.CO	Flowers, Concentrations, Infused Products, & Industrial Hemp Products
Nutrient Testing – ICP Aluminum, Boron, Calcium, Copper, Iron, Magnesium, Manganese, Molybdenum, Phosphorus, Potassium, Silicon, Sulfur, Zinc	SOP.T.30.082 SOP.T.30.224 SOP-068	Flowers, Concentrations, Infused Products, & Industrial Hemp Products
Percent Moisture – Loss on Drying, Moisture Analyzer	SOP.T.40.021 SOP.T.40.029A	Flowers, Concentrations, Infused Products, & Industrial Hemp Products

<u>Test/Technology</u>	<u>Test Method(s)</u>	<u>Matrices</u>
Pesticides – LC-MS/MS Abamectin (avermectins: B1A & B1B), Acephate, Acequinocyl, Acetamiprid, Aldicarb, Allethrin, Atrazine, Azadirachtin, Azoxystrobin, Benzovindiflupyr, Bifenazate, Bifenthrin, Boscalid, Buprofezin, Carbaryl, Carbofuran, Chlorantraniliprole, Chlorphenapyr, Chlorpyrifos, Clofentezine, Clothianidin, Coumaphos, Cyantraniliprole, Cyfluthrin, Cypermethrin, Cyprodinil, Daminozide, Deltamethrin, Diazinon, Dichlorvos, Dimethoate, Dimethomorph, Dinotefuran, Diuron, Dodemorph, Endosulfan sulfate, Endosulfan-alpha, Endosulfan-beta, Ethoprophos, Etofenprox, Etoxazole, Etridiazole, Fenhexamid, Fenoxycarb, Fenpyroximate, Fensulfothion, Fenthion, Fenvalerate, Fipronil, Flonicamid, Fludioxonil, Fluopyram, Hexythiazox, Imazalil, Imidacloprid, Iprodione, Kinoprene, Kresoxim-methyl, (Lambda) Cyhalothrin, Malathion, Metalaxyl, Methiocarb, Methomyl, Methoprene, Mevinphos, MGK-264, Myclobutanil, Naled, Novaluron, Oxamyl, Paclobutrazol, Parathion-methyl, Permethrin (mix of Isomers), Phenothrin, Phosmet, Piperonyl butoxide, Pirimicarb, Prallethrin, Propiconazole, Propoxur, Pyraclostrobin, Pyrethrins, Pyridaben, Pyriproxyfen, Quintozene, Resmethrin, Spinetoram, Spinosad A, Spinosad D, Spirodiclofen, Spiromesifen, Spirotetramat, Spiroxamine, Tebuconazole, Tebufenozide, Teflubenzuron, Tetrachlorvinphos, Tetramethrin, Thiabendazole, Thiacloprid, Thiamethoxam, Thiophanate-methyl, Trifloxystrobin	SOP.T.30.105.CO SOP.T.40.105.CO	Flowers, Concentrations, Infused Products, & Industrial Hemp Products
Residual Solvent Determination – GC Acetone, Benzene, Butane, Isobutane, Ethanol, Heptane, Hexane, Isopropyl Alcohol, Pentane, Propane, Toluene, Xylenes, Methanol, Ethyl Acetate, Diethyl Ether	SOP.T.40.049.CO	Flowers, Concentrations, Infused Products, & Industrial Hemp Products
Stability Study & Shelf-Life Testing	SOP.T.40.009	Flowers, Concentrations, Infused Products, & Industrial Hemp Products
Vapor Emissions Testing – ICP-MS, Gram Research, Cerulean Aluminum, Antimony, Arsenic, Boron, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Potassium, Selenium, Silver, Sodium, Strontium, Thallium, Vanadium, Zinc	SOP.T.30.081A	Flowers, Concentrations & Industrial Hemp Products
Water Activity	SOP.T.40.019.CO	Flowers, Concentrates, Infused Products



Accredited Laboratory

A2LA has accredited

KAYCHA COLORADO LLC

Denver, CO

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 17th day of January 2024.

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 4331.01
Valid to December 31, 2025

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