



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

SONOMA LAB WORKS
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Santa Rosa, CA 95407
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CHEMICAL

Valid To: July 31, 2022

Certificate Number: 5707.01

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-based products, hemp and hemp materials:

<u>Test/Technology</u>	<u>Test Method</u>
Cannabinoid Concentration by HPLC DAD: CBDA, CBGA, CBG, CBD, THCV, CBN, THCA, THC-9, THC-8	SLW-CC
Heavy Metals Analysis: Arsenic, Cadmium, Lead, Mercury	SLW-HMA
Moisture Content: Percent Moisture	SLW-MCWA
Mycotoxin Screening by LC/MS-MS: Aflatoxin BI, Aflatoxin 82, Aflatoxin GI, Aflatoxin G2, Ochratoxin A	SLW-MA
Pesticide Screening by GC/MS-MS: Captan, Pentachloronitrobenzene, Chlorfenapyr, Chlordane, Cypenethrin Cyfluthrin, Methyl-parathion	SLW-PA
Pesticide Screening by LC/MS-MS: Acephate, Acequinocyl, Acetamiprid, Aldicarb, Avermectin Bia, Avennectin Bib, Azoxystrobin, Bifenazate, Bifenthrin, Boscalid, Carbary, Carbofuran, Chlorantraniliprole, Chlorpyrifos, Clofentezine, Coumaphos, Daminozide, Diazinon, Dichlorvos, Dimethoate, Dimethomorph, Ethoprop(hos), Etofenprox, Etoxazole, Fenhexamid, Fenoxycarb, Fenpyroximate, Fipronil, Flonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Kresoxim-methyl, Malathion, Metalaxyl, Methiocarb, Methomyl, Mevinphos, Myclobutanil, Naled, Oxamyl, Paclobutrazol, cis-Permethrin, trans-Permethrin, Phosmet, Piperonyl butoxide, Prallethrin, Propiconazole, Propoxur, Pyrethrins, Pyridaben, Spinetoram, Spinosyn A, Spinosyn D, Spiroxamine, Spiromesifen, Spirotetramat, Tebuconazole, Thiacloprid, Thiamethoxam, Trifloxystrobin	SLW-PA

<u>Test/Technology</u>	<u>Test Method</u>
Residual Solvent by GC-MS Headspace Analyzer: 1,2-Dichloroethane, Benzene, Chloroform, Ethylene oxide, Methylene chloride, Trichloroethylene, Acetone, Acetonitrile, Butane, Ethanol, Ethyl acetate, Ethyl ether, Heptane, Hexane, Isopropyl Alcohol, Methanol, Pentane, Propane, Toluene, Total Xylenes	SLW-RS
Terpene Analysis by GC-MS Headspace Analyzer: alpha-Bisabolol, alpha-Humulene, alpha-Ocimene, alpha-Pinene, alpha-Terpinene, beta-Caryophyllene, beta-Myrcene, beta-Ocimene, beta-Pinene, Camphene, Caryophyllene Oxide, delta-3-Carene, delta-Limonene, gamma-Terpinene, Geraniol, Guaiol, Isopulegol, Linalool, Nerolidol, p-Cymene, Terpinolene	SLW-TA
Water Activity: Active Water (Aw)	SLW-MCWA

BIOLOGICAL

<u>Test</u>	<u>Test Method</u>
Microbiological Screen by qPCR: <i>Aspergillus niger</i> , <i>Aspergillus fumigatus</i> , <i>Aspergillus flavus</i> , <i>Aspergillus terreus</i> , <i>Escherichia coli</i> (Non- <i>STEC</i>), <i>E.coli</i> (<i>STEC</i>), <i>Salmonella</i> , Total Yeast and Mold, Total Aerobic Bacteria, Total Enterobacteriaceae, Total Coliform Bacteria	SLW-MS



Accredited Laboratory

A2LA has accredited

SONOMA LAB WORKS

Santa Rosa, 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 3rd day of March 2020.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5707.01
Valid to July 31, 2022

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