



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MERSON LABS INC.
1204 W. Laurel Ave.
Lompoc, CA 93436
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CHEMICAL

Valid To: August 31, 2023

Certificate Number: 5384.01

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 *AHPA (American Herbal Products Association) Recommendations for Regulators – Cannabis Operations*)¹, accreditation is granted to this laboratory to perform the following types of tests on hemp, cannabis, cannabis-infused products, and edibles:

<u>Test/Technology</u>	<u>Test Method(s)</u>
Cannabinoids (HPLC) CBDV CBD CBG CBDA CBGA CBN 9-THC 8-THC CBC THCA	MERSON-SOP-005
Heavy Metals (ICP/MS) Arsenic Cadmium Mercury Lead	MERSON-SOP-006, MERSON-SOP-007
Moisture Content (Halogen Moisture Analyzer)	MERSON-SOP-004
Mycotoxins (LC/MS) Aflatoxin B1, B2, G1, G2 Ochratoxin A	MERSON-SOP-010

<u>Test/Technology</u>	<u>Test Method(s)</u>
Residual Pesticides (GC/MS/MS) Captan Chlorfenapyr Pentachloronitrobenzene Parathion-methyl Total Chlordane (Chlordane-I, Chlordane- II)	MERSO-SOP-009
Residual Pesticides (LC/MS) Acephate Acequinocyl Acetamiprid Avermectin B1a Naled Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Aldicarb Carbofuran Chlorpyrifos Coumaphos Daminozide Dichlorvos Dimethoate Ethoprophos Etofenprox Fenoxycarb Fipronil Imazalil Methiocarb Mevinphos Paclbutrazol Propoxur Chlorantraniliprole Clofentezine Cyfluthrin Cypermethrin Diazinon Dimethomorph Etoxazole Fenhexamid Fenpyroximate Flonicamid Fludioxonil Hexythiazox Imidacloprid Kresoxim Methyl	MERSO-SOP-010



<u>Test/Technology</u>	<u>Test Method(s)</u>
Malathion Spiroxamine Thiacloprid Metalaxyl Methomyl Myclobutanil Oxamyl Permethrin Phosmet Piperonyl Butoxide Prallethrin Propiconazole Pyrethrin I Pyrethrin II Pyridaben Spinetoram J Spinetoram L Spinosyn A Spinosyn D Spiromesifen Spirotetramat Tebuconazole T Thiamethoxam Trifloxystrobin	
Residual Solvents and Category I and II Processing Chemicals (GC/MS) 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 (ortho- Meta- Para-)	MERSO-SOP-011
Terpenoids (Headspace GC/FID) alpha-humulene alpha-pinene alpha-terpinene beta-caryophyllene	MERSO-SOP-012



<u>Test/Technology</u>	<u>Test Method(s)</u>
beta-ocimene beta-pinene beta-myrcene camphene d-3-carene d-limonene geraniol linalool p-cymene terpinolene (-)isopulegol	
Water Activity (Aqualab TDL)	MERSO-SOP-003

BIOLOGICAL

<u>Test/Technology</u>	<u>Test Method</u>
<i>Escherichia coli</i> (Real-Time qPCR)	MERSO-SOP-008
Filth and Foreign Material (Microscope)	MERSO-SOP-002
Pathogenic <i>Aspergillus</i> spp. (Real-Time qPCR) <i>A. fumigatus</i> <i>A. flavus</i> <i>A. niger</i> <i>A. terreus</i>	MERSO-SOP-008
<i>Salmonella</i> spp. (Real-Time qPCR)	MERSO-SOP-008

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

MERSON LABS INC.

Lompoc, 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 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 22nd day of July 2021.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5384.01
Valid to August 31, 2023

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