



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:

SC Laboratories California LLC
100 Pioneer Street, Suite E, Santa Cruz, CA 95060

(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

Chemical and Microbiological Testing
(As detailed in the supplement)

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen
President

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:

May 12, 2017

Revision Date:

February 5, 2021

Issue Date:

June 3, 2019

Accreditation No.:

87168

Expiration Date:

August 31, 2021

Certificate No.:

L19-267-R2

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjllabs



Certificate of Accreditation: Supplement

SC Laboratories California LLC

100 Pioneer Street Suite E, Santa Cruz, CA 95060
 Contact Name: Cory Lewis Phone: 1-866-435-0709

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical ^F	Cannabis Concentrates, Cannabis Plant Material, Cannabis Infused Products	Cannabinoid Testing: Δ9-THC Δ8-THC THCVA THCV THCA CBN CBL CBGA CBG CBDVA CBDV CBDA CBD CBCA CBC	QSP 1157 Analysis of Cannabinoids by Thermo U3000 HPLC-DAD	0.001 mg/g to 1 000 mg/g
Chemical ^F	Cannabis Concentrates Cannabis Plant Material Cannabis Infused Products	Heavy Metals Contamination Detection: Arsenic Cadmium Mercury Lead	QSP 1160 Analysis of Heavy Metals by ICP-MS	D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.002 µg/g D.L. = 0.04 µg/g
Chemical ^F	Cannabis Concentrates, Cannabis Plant Material, Cannabis Infused Products	Residual Solvents: 1,2-Dichloroethane Benzene Chloroform Ethylene oxide Dichloromethane Trichloroethylene Acetone Acetonitrile Butane Ethanol Ethyl acetate Ethyl ether Heptane Hexane Isopropyl alcohol Methanol Pentane Propane Toluene Total Xylenes (ortho-,meta-,para-)	QSP 1204 Analysis of Residual Solvents by GC-MS	D.L. = 0.05 µg/g D.L. = 0.03 µg/g D.L. = 0.1 µg/g D.L. = 0.1 µg/g D.L. = 0.3 µg/g D.L. = 0.1 µg/g D.L. = 20 µg/g D.L. = 2 µg/g D.L. = 10 µg/g D.L. = 20 µg/g D.L. = 20 µg/g D.L. = 20 µg/g D.L. = 20 µg/g D.L. = 20 µg/g D.L. = 2 µg/g D.L. = 10 µg/g D.L. = 50 µg/g D.L. = 20 µg/g D.L. = 10 µg/g D.L. = 7 µg/g D.L. = 50 µg/g



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Chemical ^F	Cannabis Concentrates Cannabis Plant Material Cannabis Infused Products	Residual Pesticides: Quintozene Chlordane Chlorfenapyr	QSP 1213 Analysis of Pesticides by GC-MS	D.L. = 0.03 µg/g D.L. = 0.03 µg/g D.L. = 0.03 µg/g
Non-Destructive ^F	Cannabis Concentrates Cannabis Plant Material Cannabis Infused Products	Residual Pesticides: Abamectin Acephate Acequinocyl Acetamiprid Aldicarb Azoxystrobin Bifenazate Bifenthrin Boscalid Captan Carbaryl Carbofuran Chlorantraniliprole Chlorpyrifos Clofentezine Coumaphos Cyfluthrin Cypermethrin Daminozide Diazinon DDVP (Dichlorvos) Dimethoate Dimethomorph Ethoprophos Etofenprox Etozazole Fenhexamid Fenoxycarb Fenpyroximate Fipronil Fonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim-methyl Malathion Metalaxyl Methiocarb Methomyl Methyl Parathion	QSP 1212 Analysis of Pesticides and Mycotoxins by LC-MS	D.L. = 0.03 µg/g D.L. = 0.01 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.03 µg/g D.L. = 0.01 µg/g D.L. = 0.01 µg/g D.L. = 0.01 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.2 µg/g D.L. = 0.01 µg/g D.L. = 0.01 µg/g D.L. = 0.01 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.1 µg/g D.L. = 0.1 µg/g D.L. = 0.03 µg/g D.L. = 0.01 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.01 µg/g D.L. = 0.03 µg/g D.L. = 0.02 µg/g D.L. = 0.01 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.03 µg/g D.L. = 0.01 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.03 µg/g D.L. = 0.01 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.03 µg/g D.L. = 0.01 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g



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Chemical ^F	Cannabis Concentrates, Cannabis Plant Material, Cannabis Infused Products	Mycotoxin Contamination: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A	QSP 1212 Analysis of Pesticides and Mycotoxins by LC-MS	D.L. = 2 µg/kg D.L. = 1.8 µg/kg D.L. = 1 µg/kg D.L. = 1.2 µg/kg D.L. = 6.3 µg/kg
	Cannabis Concentrates, Cannabis Plant Material, Cannabis Infused Products	Terpenoid Testing: α-Pinene Camphene Sabinene β-Pinene β-Myrcene α-Phellandrene 3-Carene α-Terpinene p-Cymene D-Limonene Eucalyptol α-Ocimene β-Ocimene γ-Terpinene Sabinene Hydrate Fenchone Terpinolene Linalool Fenchol Isopulegol Camphor Isoborneol Borneol Menthol α-Terpineol γ-Terpineol Nerol Citronellol D-Pulegone Geraniol Geranyl Acetate α-Cedrene β-Caryophyllene trans-β-Farnesene α-Humulene Valencene cis-Nerolidol trans-Nerolidol Caryophyllene Oxide Guaiol Cedrol α-Bisabolol	QSP 1192 Analysis of Terpenoids by GC-FID	0.001 mg/g to 1 000 mg/g



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Microbiological ^F	Cannabis Concentrates, Cannabis Plant Material, Cannabis Infused Products	Bacterial Contamination Detection: Staphylococcus Coliforms Escherichia coli Total Aerobic Bacteria Total Yeast and Mold Total Enterobacteriaceae	QSP 6794 Analysis of Microbial Impurities (Plating)	0 CFU/plate to 150 CFU/plate 0 CFU/plate to 100 CFU/plate 0 CFU/plate to 100 CFU/plate 0 CFU/plate to 300 CFU/plate 0 CFU/plate to 150 CFU/plate 0 CFU/plate to 100 CFU/plate
Non-Destructive ^{FO}	Cannabis Plant Material, Cannabis Concentrates, Cannabis Infused Products	Sampling of Cannabis Harvest and Product Batches for Regulatory Compliance Testing	Gravimetric Determination of Representative Sample Mass	D.L. = 0.000 1 g

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer^F would mean that the laboratory performs this testing at its fixed location.

