



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Sonoma Lab Works

1201 Corporate Center Parkway, Santa Rosa, CA 95407

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

ISO/IEC 17025:2005

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):

Microbiological and Chemical 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:

Initial Accreditation Date:

August 16, 2018

Issue Date:

August 16, 2018

Expiration Date:

November 30, 2020

Tracy Szerszen
President/Operations Manager

Accreditation No.:

99094

Certificate No.:

L18-395

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

*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.pjlab.com*



Certificate of Accreditation: Supplement

Sonoma Lab Works

1201 Corporate Center Parkway, Santa Rosa, CA 95407
Contact Name: David Chen Phone: 510-350-6636

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-Flower & Product	Cannabinoid Concentration CBDA CBGA CBG CBD THCV CBN THCA THC-9 THC-8	SLW-CC HPLC DAD	D.L. = 0.001 %
		Pesticide Screen Acephate Acequinocyl Acetamiprid Aldicarb Avermectin B1a Avermectin B1b Azoxystrobin Bifenazate Bifenthrin Boscalid Captan Carbaryl Carbofuran Chlorantraniliprole Chlordane Chlorfenapyr Chlorpyrifos Clofentezine Coumaphos Cyfluthrin Cypermethrin Daminozide Diazinon Dichlorvos Dimethoate Dimethomorph Ethoprop(hos) Etofenprox Etoxazole Fenhexamid Fenoxycarb	SLW-PA LCMSMS	D.L. = 0.001 µg/g



Certificate of Accreditation: Supplement

Sonoma Lab Works

1201 Corporate Center Parkway, Santa Rosa, CA 95407
Contact Name: David Chen Phone: 510-350-6636

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-Flower & Product	Pesticide Screen Fenpyroximate Fipronil Flonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim-methyl Malathion Metalaxyl Methiocarb Methomyl Methyl Parathion Mevinphos Myclobutanil Naled Oxamyl Paclobutrazol Pentachloronitrobenzene Permethrin, Cis- Permethrin, Trans- Phosmet Piperonyl butoxide Prallethrin Propiconazole Propoxur Pyrethrins Pyridaben Spinetoram Spinosyn A Spinosyn D Spiroxamine Spiromesifen Spirotetramat Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	SLW-PA LCMSMS	D.L. = 0.001 µg/g



Certificate of Accreditation: Supplement

Sonoma Lab Works

1201 Corporate Center Parkway, Santa Rosa, CA 95407
Contact Name: David Chen Phone: 510-350-6636

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-Flower & Product	Residual Solvent 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	USP <467> SLW-RS GCFID Headspace Analyzer	D.L. = 1 µg/g
		Terpene Analysis alpha-pinene Camphene Beta-myrcene Beta-pinene delta-3-Carene alpha-terpinene alpha-Ocimene delta-limonene p-Cymene beta-Ocimene Caryophyllene Oxide gamma-Terpinene Terpinolene Linalool Isopulegol Geraniol beta-caryophyllene alpha-humulene Nerolidol Guaiol alpha-Bisabolol	SLW-TA GCFID Headspace Analyzer	D.L. = 0.005 %



Certificate of Accreditation: Supplement

Sonoma Lab Works

1201 Corporate Center Parkway, Santa Rosa, CA 95407
Contact Name: David Chen Phone: 510-350-6636

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
Microbiological ^F	Cannabis-Flower & Product	Microbiological Screen Escherichia coli (Non-STECC) Escherichia coli (STECC) Salmonella Aspergillus niger Aspergillus fumigatus Aspergillus flavus Aspergillus terreus Total Yeast and Mold Total Aerobic Bacteria Total Enterobacteriaceae Total Coliform Bacteria	SLW-MS qPCR = Thermocycler	D.L. = Presence/Absence D.L. = 10 000 CFU/g D.L. = 100 000 CFU/g D.L. = 1 000 CFU/g

- 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.

