



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Bona Fides Laboratory, Inc.
4910 Fox Street Unit E, Denver, CO 80216

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

**ISO/IEC 17025:2017
& Meets the Requirements of the AOAC International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food and Pharmaceutical-2018**

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:

September 07, 2016

Revision Date:

May 12, 2023

Issue Date:

January 21, 2023

Accreditation No.:

82006

Expiration Date:

March 31, 2025

Certificate No.:

L23-55-R1

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.com



Certificate of Accreditation: Supplement

Bona Fides Laboratory, Inc.

4910 Fox Street Unit E, Denver, CO 80216

Contact Name: Michael Mathis Phone: 970-406-1026

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	Cannabinoids: THC THCa CBDa CBD CBN CBC CBGa CBG THCV CBDV Total THC	BFL SOP #LP016 (HPLC/UV)	D.L. = 200 µg/kg D.L. = 200 µg/kg D.L. = 200 µg/kg D.L. = 200 µg/kg D.L. = 200 µg/kg D.L. = 200 µg/kg D.L. = 200 µg/kg D.L. = 200 µg/kg D.L. = 200 µg/kg D.L. = 200 µg/kg D.L. = 200 µg/kg D.L. = 375 µg/kg
	Cannabis Concentrates and Flowers, Edibles	Cannabinoids: THC THCa CBDa CBD CBN CBC CBGa CBG THCV CBDV D8- THC D10-THC Exo-THC Total THC	BFL SOP #LP016 (HPLC/UV)	D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 938 µg/kg
	Cannabis Flower	Heavy Metals: Lead Mercury Cadmium Arsenic	BFL SOP# LP020 (ICP/MS)	D.L. = 0.5 ppm D.L. = 1 ppm D.L. = 0.2 ppm D.L. = 0.2 ppm
	Cannabis Concentrates and Flowers, Edibles	Residual Solvents: Acetone Benzene Butane Ethanol Ethyl Acetate Heptane Hexane Isobutane Isopropyl Alcohol m,p-Xylene Methanol o-Xylene	BFL SOP# LP005 (GC/MS Headspace)	D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 500 µg/kg D.L. = 50 mg/kg D.L. = 50 mg/kg D.L. = 50 mg/kg



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Chemical ^F	Cannabis Concentrates and Flowers, Edibles	Residual Solvents: Pentane Propane Toluene	BFL SOP# LP005 (GC/MS Headspace)	D.L. = 50 mg/kg D.L. = 50 mg/kg D.L. = 100 mg/kg
	Cannabis Edibles	Heavy Metals: Lead Mercury Cadmium Arsenic	BFL SOP# LP020 (ICP/MS)	D.L. = 1 ppm D.L. = 1.5 ppm D.L. = 0.5 ppm D.L. = 1.5 ppm
	Cannabis Infused Topical Products	Heavy Metals: Lead Mercury Cadmium Arsenic	BFL SOP# LP020 (ICP/MS)	D.L. = 10 ppm D.L. = 1 ppm D.L. = 3 ppm D.L. = 3 ppm
	Plant Matter Cannabis Concentrates	Pesticides: Abamectin B1a Acephate Acephate Acequinocyl Acetamiprid Aldicarb Allethrin Atrazine Azadirachtin Azoxystrobin Benzovindiflupyr Bifenazate Bifenthrin Boscalid Buprofezin Carbaryl Carbofuran Chlorantraniliprole Chlorphenapyr Chlorpyrifos Clofentezine Clothianidin Coumaphos Cyantraniliprole Cyfluthrin Cyhalothrin L Cypermethrin Cyprodinil Daminozide Deltamethrin Diazinon	BFL SOP# LP006 (LC/MS)	D.L. = 2.5 ppb D.L. = 1.5 ppb D.L. = 2.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 2.5 ppb D.L. = 0.5 ppb D.L. = 2.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 2.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 2 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 1 ppb D.L. = 0.5 ppb D.L. = 10 ppb D.L. = 2.5 ppb D.L. = 2.5 ppb D.L. = 2.5 ppb D.L. = 2.5 ppb D.L. = 2.5 ppb D.L. = 2.5 ppb D.L. = 0.5 ppb



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4910 Fox Street Unit E, Denver, CO 80216

Contact Name: Noelle Doyle Phone: 303-478-9085

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Chemical ^F	Plant Matter & Cannabis Concentrates	Pesticides: Dichlorvos Dimethoate Dimethomorph Dinotefuran Diuron Dodemorph Endosulfan Sulfate Endosulfan-alpha Endosulfan-beta Ethoprophos Etofenprox Etoxazole Etridiazole Fenhexamid Fenoxycarb Fenproxiimate Fensulfothion Fenthion Fenvalerate Fipronil Flonicamid Fludioxonil Fluopyram Hexythiazox Imazalil Imidacloprid Iprodione Kinoprene Kresoxim methyl Malathion Metalaxyl Methiocarb Methomyl Methoprene Mevinphos MGK-264 Myclobutanil Naled Novaluron Oxyaml Paclobutrazole Parathion-methyl	BFL SOP# LP006 (LC/MS)	D.L. = 2.5 ppb D.L. = 0.5 ppb D.L. = 1 ppb D.L. = 1 ppb D.L. = 2.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 50 ppb D.L. = 2 ppb D.L. = 0.5 ppb D.L. = 2.5 ppb D.L. = 0.5 ppb D.L. = 2 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.2 ppb D.L. = 30 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 2.5 ppb D.L. = 0.5 ppb D.L. = 2.5 ppb D.L. = 0.5 ppb D.L. = 0.5 ppb D.L. = 2.5 ppb D.L. = 0.5 ppb



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Chemical ^F	Plant Matter & Cannabis Concentrates	Pesticides:	BFL SOP# LP006 (LC/MS)	D.L. = 0.5 ppb
		Permethrin		D.L. = 0.5 ppb
		Phenothrin		D.L. = 0.5 ppb
		Phosmet		D.L. = 0.5 ppb
		Pirimicarb		D.L. = 0.5 ppb
Prallethrin		D.L. = 0.5 ppb		
Propiconazole		D.L. = 2.5 ppb		
Propoxur		D.L. = 0.5 ppb		
Pyraclostrobin		D.L. = 0.5 ppb		
Pyridaben		D.L. = 0.5 ppb		
Pyriproxifen	D.L. = 2.5 ppb			
Quintozene	D.L. = 0.5 ppb			
Resmethrin	D.L. = 0.5 ppb			
Spinetoram	D.L. = 0.5 ppb			
Spinosad	D.L. = 0.5 ppb			
Spirodiclofen	D.L. = 0.5 ppb			
Spiromesifen	D.L. = 2 ppb			
Spirotetramet	D.L. = 0.5 ppb			
Spiroxamine	D.L. = 0.5 ppb			
Tebuconazole	D.L. = 0.5 ppb			
Tebufenozide	D.L. = 0.5 ppb			
Teflubenzuron	D.L. = 0.5 ppb			
Tetrachlorvinphos	D.L. = 0.5 ppb			
Tetramethrin	D.L. = 0.5 ppb			
Thiabendazole	D.L. = 0.5 ppb			
Thiacloprid	D.L. = 0.5 ppb			
Thiamethoxam	D.L. = 0.5 ppb			
Thiophanate methyl	D.L. = 0.5 ppb			
Trifloxystrobin	D.L. = 0.5 ppb			
		Heavy Metals:	BFL SOP #LP020 (ICP/MS)	D.L. = 0.5 ppm
		Lead		D.L. = 1 ppm
		Mercury		D.L. = 0.2 ppm
		Cadmium		D.L. = 0.2 ppm
		Arsenic		D.L. = 0.2 ppm
	Cannabis Concentrates and Cannabis Flower	Mycotoxins:	BFL SOP #LP023 (LC/MS/MS/MS)	D.L. = 5 ppb
		Aflatoxin B1		D.L. = 5 ppb
		Aflatoxin B2		D.L. = 5 ppb
		Aflatoxin G1		D.L. = 5 ppb
		Aflatoxin G2		D.L. = 5 ppb
		Ochratoxin A	D.L. = 20 ppb	
	Cannabis Flower, Concentrates and Infused Products	Water Activity	BFL SOP # LP024 (Meter)	Up to 1 a _w



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Microbiological ^F	Cannabis Flower, Concentrates, and Edibles	<i>Salmonella</i>	BFL SOP# LP009 (PCR)	Presence/absence (>1 CFU/g)
		<i>E.coli</i> (STEC)	BFL SOP# LP008 (PCR)	
		Yeast & Mold	BFL SOP# LP007 (TEMPO/Petrefilm) AOAC	D.L. = 10 CFU/g
		<i>Aspergillus</i> (<i>A.fumigatus</i> , <i>A.flavus</i> , <i>A.niger</i> , <i>A.terreus</i>)	Method LP-025	D.L. = 1 CFU/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.

