



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

TerpLife Labs, LLC

10350 Fisher Avenue, Tampa, FL 33619

(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, Biological (Microbiological), and Non-Destructive 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

Initial Accreditation Date:

December 22, 2021

Issue Date:

January 17, 2024

Expiration Date:

February 28, 2026

Accreditation No.:

116557

Certificate No.:

L24-53

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.pjilabs.com



Certificate of Accreditation: Supplement

TerpLife Labs, LLC

10350 Fisher Avenue, Tampa, FL 33619

Contact Name: Mr Brian Spann Phone: 813-726-3103

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	Usable Whole Flower Marijuana, Derivative Product including Edibles, Hemp	Cannabinoids: Cannabichromene – CBC Cannabidiol – CBD Cannabidiolic acid – CBDA Cannabidivarin – CBDV Cannabigerol – CBG Cannabigerolic acid – CBGA Cannabinol – CBN d8-Tetrahydrocannabinoid - d8-THC d9-Tetrahydrocannabinoid - d9-THC d9-Tetrahydrocannabinolic acid – THCA Tetrahydrocannabivarin – THCV	Lab SOP # 1357 (HPLC-VWD)	D.L. = 0.05 %
	Usable Whole Flower Marijuana, Derivative Product including Edibles, Hemp	Total active THC, Total active CBD	Lab SOP # 1409 (Calculation)	D.L. = 0.05 %
	Usable Whole Flower Marijuana, Hemp	Moisture	Lab SOP # 1355	D.L. = 0 %
	Usable Whole Flower Marijuana, Derivative Product including Edibles, Hemp	Water Activity	Lab SOP # 1355 (Water Activity Meter)	D.L. = 0.03 A _w
	Usable Whole Flower Marijuana, Derivative Product including Edibles	Total Contaminant Load	Lab SOP # 1409 (Calculation)	500 ppb to 3 000 ppb
	Derivative Product including Edibles	Heavy Metals: Lead, Arsenic, Cadmium, Mercury	Lab SOP # 1358, Lab SOP # 1362 (ICP-MS)	20 ppb to 300 ppb D.L. = 10 ppb
	Usable Whole Flower Marijuana, Hemp	Moisture by Loss on Drying	Lab SOP # 3291	1.5 %
				D.L. = 0 %



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Chemical ^F	Usable Whole Flower Marijuana	Metals: Lead, Arsenic, Cadmium, Mercury, Boron, Calcium, Copper, Iron, Magnesium, Manganese, Molybdenum, Potassium, Zinc	Lab SOP # 1358, Lab SOP # 1362 (ICP-MS)	20 ppb to 300 ppb (Heavy Metals only) D.L. = 10 ppb (Heavy Metals only), 20 000 ppb (non-Heavy Metals)
	Derivative Products including Edibles	Acetone, Acetonitrile, Benzene, Butane, Chloroform, 1,2-dichloroethane, 1,1-dichloroethene, Ethanol, Ethyl acetate, Ethyl ether, Ethylene oxide, Heptane, Hexane, Isopropyl alcohol, Methanol, Methylene Chloride, Pentane, Propane, Trichloroethylene, Toluene, Total Xylenes	Lab SOP # 1361 (GC-MS)	0.100 ppm to 500 ppm D.L.= 0.040 0 ppm



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Chemical ^F	Usable Whole Flower Marijuana, Derivative Product including Edibles	Agricultural agents: Abamectin, Acephate, Acequinocyl, Acetamiprid, Aldicarb, Azoxystrobin, Bifenazate, Bifenthrin, Boscalid, Captan, Carbaryl, Carbofuran, Chlorantraniliprole, Chlordane, Chlorfenapyr, Chlormequat chloride Chlorpyrifos, Clofentezine, Coumaphos, Cyfluthrin, Cypermethrin, Daminozide, Diazinon, Dichlorvos, Dimethoate, Dimethomorph, Ethoprophos, Etofenprox, Etoxazole, Fenhexamid, Fenoxycarb, Fenpyroximate, Fipronil, Flonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Kresoxim-methyl, Malathion, Metalaxyl, Methiocarb, Methomyl, Methyl parathion, Mevinphos, Myclobutanil,	Lab SOP # 1350, Lab SOP # 1363 (LC-MSMS)	10 ppb to 300 ppb D.L. = 10 ppb



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Chemical ^F	Usable Whole Flower Marijuana, Derivative Product including Edibles	Agricultural agents: Naled Oxamyl Paclobutrazol Pentachloronitrobenzene Permethrin Phosmet Piperonyl butoxide Prallethrin, Propiconazole Propoxur Pyrethrins Pyridaben Spinetoram (Total) Spinetoram J major Spinetoram L minor Spinosad A and D (Total) Spinosad A Spinosad D Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	Lab SOP # 1350, Lab SOP # 1363 (LC-MSMS)	10 ppb to 300 ppb D.L. = 10 ppb
	Usable Whole Flower Marijuana, Derivative Products including Edibles	Mycotoxins: Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Ochratoxin A	Lab SOP # 1350, Lab SOP # 1363 (LC-MSMS)	D.L. = 2 ppb



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Chemical ^F	Usable Whole Flower Marijuana, Derivative Product including Edibles	Terpenes: (+)-Endo-Fenchyl Alcohol, Valencene, Geranyl Acetate, Geraniol, Nerol, Caryophyllene Oxide, Beta-Myrcene, Isoborneol, Beta-Pinene, 3,7-dimethyl-1,3,6-octatriene, (-)- α -Bisabolol, Sabinene, Z-Nerolidol, E-Nerolidol, (-)-Borneol, (+)-Borneol, (\pm)-Camphor, (\pm)-Fenchone, α -Cedrene, Eucalyptol, (-)-Guaiol, (+)- δ -3-Carene, Farnesene, Sabinene Acetate/sabinene hydrate, Terpinolene, (+)-Limonene/d-limonene, α -Humulene, Camphor, Cedrol, (\pm)-Fenchone, Linalool, Camphene, α -Terpineol, γ -Terpineol, alpha-Pinene, E-Caryophyllene, Menthol, Isopulegol, Pulegone, Alpha-Phellandrene, g-terpinene, α -Terpinene	Lab SOP # 1360 (GC-MS)	D.L. = 1 ppm



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Biological (Microbiological) F	Usable Whole Flower Marijuana, Derivative Products including Edibles	Microbials:	Lab SOP # 1353 (qPCR) 1352,1364	D.L. = 0 CFU/g
		Shiga toxin producing <i>Escherichia coli</i>		
		<i>Salmonella</i> spp.		
		<i>Aspergillus niger</i>		
		<i>Aspergillus fumigatus</i>		
		<i>Aspergillus flavus</i>		
	Total Combined Yeast and Mold	Lab SOP # 1353 (qPCR) 1352,1364	1 CFU/g to 10 000 CFU/g	
	Usable Whole Flower Marijuana	Total Combined Yeast and Mold	Lab SOP # 1352 Plating	1 CFU/g to 10 000 CFU/g
Non-Destructive ^F	Usable Whole Flower Marijuana, Derivative Product including Edibles	Filth and Foreign Material	Lab SOP # 1359 (Visual inspection)	Presence/Absence
	Usable Whole Flower Marijuana, Derivative Product including Edibles, Hemp	Sample Collection	Lab SOP # 1260 (Field sampling)	NA

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location.