



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

### **PharmLabs**

3421 Hancock Street, 2nd floor, San Diego, CA 92110

and hereby declares that the Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

# Biological, Chemical, and Non-Destructive Testing (As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Initial Accreditation Date:

Issue Date:

Expiration Date:

August 03, 2015

December 08, 2025

February 29, 2028

Accreditation No.:

Certificate No.:

85368

L25-933

Tracy Szerszen President

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: <a href="https://www.pjlabs.com">www.pjlabs.com</a>





#### **PharmLabs**

3421 Hancock Street, 2nd floor, San Diego, CA 92110 Contact Name: Greg Magdoff Phone: 619-356-0898

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp	Cannabinoids	SOP-001 SOP-036	HPLC	F1, F3, F4	F
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp	DCC Cannabinoids: ((6aR,9R)-Δ10) ((6aR,9S)-Δ10) (+/-)-9B-hydroxy- Hexahydrocannibinol (1(R)-H4-CBD) (1(S)-H4-CBD) 11-Hydroxy-Δ8-THC 11-Hydroxy-Δ8-THCV 9(R)-Hexahydrocannabinolic Acid 9r-HHC 9s-HHC a-CBDO CBC CBD CBDA CBDb CBDH CBDP CBDV CBG CBGA CBL CBN CBNO CBT exo-THC	SOP-001 SOP-036	HPLC	F1, F4	F





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Chemical	Cannabis Flower	DCC Cannabinoids:	SOP-001	HPLC	F1, F4	F
	Cannabis Concentrate	r-HHCO	SOP-036			
	Cannabis Extracts	r-HHCP				
	Cannabis Infused Products (MIPs)	s-HHCO				
	Hemp	s-HHCP				
		THCA				
		THCV				
		Δ8-MeO-THC				
		Δ8-THC				
		Δ8-THC methyl ether				
		Δ8-THC-C8				
		Δ8-THCO	/ ]			
		Δ8-THCP				
		Δ8-THCV				
		Δ9-MeO-THC				
		Δ9-THC				
		Δ9-THCB				
		Δ9-THCH				
		Δ9-ΤΗCΟ				
C1 : 1	E 1'11 /E 1/G	Δ9-THCP	COD 042	IIDI C	E1 E4	Г
Chemical	Edible/Food/Concentrate	Tryptamines:	SOP-042	HPLC	F1, F4	F
	Plant Material	4-Acetoxy DMT				
		4-Acetoxy DET				
		4-Acetoxy MET 4-Hydroxy-DET				
		Mescaline				
		N,N-Dimethyltryptamine				
		4-Bromo-DMP (2C-B)				
		Norbaeocystin				
		Aeruginascin Baeoeystin				
		Norpsilocin				
		Psilocybin				
		Psilocin				
		1 SHOVIII				





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Chemical	Edible/Food/Concentrate Plant Material	Amanita Muscaria: Ibotenic Acid Muscimol Muscarine	SOP-039	HPLC	F1, F4	F
Chemical	Edible/Food/Concentrate Plant Material	Blue Lotus: Apomorphine Nuciferine	SOP-040	HPLC	F1, F4	F
Chemical	Edible/Food/Concentrate Plant Material	Kratom: 7-hydroxy Mitragynine dihydro-7-hydroxy Mitragynine (MGM-15) Mitragynine Mitragynine Pseudoindoxyl Speciogynine Speciociliatine	SOP-044	HPLC	F1, F4	F
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	Terpenoids	SOP-002	GC/FID	F1, F3, F4	F
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	DCC Terpenoids: a-Pinene Camphene Myrcene b-Pinene 3-Carene a-Terpinene a-Ocimene b-Ocimene Limonene p-Cymene Eucalyptol	SOP-002	GC/FID	F1, F4	F





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Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	DCC Terpenoids: g-Terpinene Terpenolene Linalool Isopulegol Geraniol b-Caryophyllene Humulene Cis-Nerolidol Trans-Neridiol Guaiol Caryophyllene Oxide a-bisabolol	SOP-002	GC/FID	F1, F4	F
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	Heavy Metals	SOP-005	ICP-MS	F1, F3, F4	F
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	DCC Heavy Metals: Arsenic Cadmium Mercury Lead Nickel	SOP-005	ICP-MS	F1, F4	F
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	Mycotoxin: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin. A	SOP-004	LC-MS/MS	F1, F4	F





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Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	Residual Solvents	SOP-006	HS GC/FID	F1, F3, F4	F
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	DCC Residual Solvents: Acetone Ethanol Ethyl acetate Xylenes (o-, p-, m-) Benzene Toluene Butane Ethylene Oxide Acetonitrile Chloroform 1,2-Dichloroethane Trichloroethylene n-Heptane n-Pentane Propane Ethyl Ether Methylene Chloride Methanol Hexanes 2-Propanol (Isopropanol, Isopropyl alcohol) 1,1 Dichlorethene	SOP-006	HS GC/FID	F1, F4	F





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Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	Pesticides	SOP – 003, SOP- 045	LC - MS/MS GC - MS/MS	F1, F4	F
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	Aldicarb Carbofuran Chlordane Chlorfenapyr Chlorpyrifos Coumaphos Daminozide DDVP (Dichlorvos) Dimethoate Ethoprop (Prophos) Etofenprox Fenoxycarb Fipronil Imazalil Methiocarb Methyl parathion Mevinphos Paclobutrazol(Baygon) Propoxur Spiroxamine Thiacloprid Abamectin Acephate Acequinocyl Acetamiprid	SOP - 003	LC - MS/MS	F1, F4	F





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FIELD	ITEMS, MATERIALS,	COMPONENT, CHARACTERISTIC,	SPECIFICATION OR	TECHNOLOGY OR	FLEX CODE	LOCATION
OF TEST	OR PRODUCTS TESTED	PARAMETER TESTED	STANDARD METHOD	TECHNIQUE USED	LELICODE	OF ACTIVITY
Chemical	Cannabis Flower	DCC Pesticides:	SOP - 003	LC - MS/MS	F1, F4	F
	Cannabis Concentrate	Azoxystrobin				
	Cannabis Extracts	Bifenazate				
	Cannabis Infused Products (MIPs)	Bifenthrin				
	Hemp	Boscalid				
	Edible/Food/Concentrate	Captan				
	Plant Material	Carbaryl				
		Chlorantraniliprole				
		Chlormequat Chloride				
		Clofentezine				
		Cyfluthrin				
		Cypermethrin				
		Diazinon	_ /			
		Dimethomorph				
		Etoxazole				
		Fenhexamid				
		Fenpyroximate				
		Flonicamid	40			
		Fludioxonil				
		Hexythiazox				
		Imidacloprid				
		Kresoxim-methyl				
		Malathion				
	/	Metalaxyl				
		Methomyl				
		Myclobutanil				
		Naled				
		Oxamyl				
		Pentachloronitrobenzene				
		Permethrin				
		Phosmet				
		Piperonylbutoxide				
		Prallethrin				
		Propiconazole				





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Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	DCC Pesticides: Pyrethrins Pyridaben Spinetoram, -L, -J Spinosad, -A, -D Spiromesifen Spirotetramat Tebuconazole Thiamethoxam Trifloxystrobin	SOP - 003	LC - MS/MS	F1, F4	F
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	Pentachloronitrobenzene Parathion-methyl Fipronil Chlordane (Cis and Trans) Chlorfenapyr Cyfluthrin (Isomers 1 through 4) Cypermethrin (Isomers 1 through 4)	SOP - 003	GC - MS/MS	F1, F4	F
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	Moisture	SOP-008	Water activity meter	F1, F4	F
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	Water activity	SOP-008	Water activity meter	F1, F4	F





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Chemical	Powders, Oils, Concentrates, Plant Materials	Peptides: BPC-157 CJC-1295 GHRP-6 Hexarelin Ipamorelin Melanotan II PT-141 Semaglutide Thymosin Alpha-1 AOD-9604	SOP-043	HPLC	F1, F4	F
Chemical	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp	Δ4(8)-iso-Tetrahydrocannabinol Δ9-Tetrahydrocannabinol	SOP-041-D9C	GC MS/MS	F1, F4	F
Biological	Cannabis Flower Cannabis Concentrate Cannabis Extracts Cannabis Infused Products (MIPs) Hemp Edible/Food/Concentrate Plant Material	Bacterial contamination detection: Salmonella E. coli STEC Aspergillus flavus Aspergillus fumigatus Aspergillus niger Aspergillus terreus Enterobacteriaceae (Gram Negative Bacteria) Listeria Total Yeast and Mold Total Aerobic Colony Count	SOP - 007	Plating	F1, F4	F





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Accreditation is granted to the facility to perform the following conformity assessment activities:

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Non-Destructive	Cannabis Flower	Filth and Foreign Matter	SOP - 010	Visual Inspection	F1, F4	F
	Cannabis Concentrate	-		_		
	Cannabis Extracts					
	Cannabis Infused Products (MIPs)					
	Hemp					
	Edible/Food/Concentrate	<u> </u>				
	Plant Material					

#### 1. Location of activity:

**Location Code** 

Location

F

Conformity assessment activity is performed at the CABs fixed facility

#### 2. Flex Code:

- F0- Fixed scope item. No deviations allowed to the line item as identified, except for updating to the most recent version of an accredited standard method after verification.
- F1- Laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope
- F2- Laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
- F3- Laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope
- F4- Laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope
- F5- Laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using same technology or technique) identified on the scope