



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

PharmLabs, LLC
1859 Cable St. San Diego, CA 92107

*(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 January 2009):

Chemical & Biological 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/Operations Manager

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

Initial Accreditation Date:

August 3, 2015

Revision Date:

February 2, 2017

Issue Date:

August 3, 2015

Accreditation No.:

85368

Expiration Date:

October 31, 2017

Certificate No.:

L15-250-1-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.pjilabs.com*



Certificate of Accreditation: Supplement

PharmLabs, LLC

1859 Cable Street, San Diego, CA 92107
Contact Name: Greg Magdoff Phone: 619-356-0898

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	CBD	HPLC, M-004, SOP-009, SOP-015, SOP-019	0.01 %	
	Cannabis Concentrate	CBDA			
	Cannabis Extracts	D9-THC			
	Cannabis Infused Products (MIPs)	THCA			
	Cannabis Flower	CBG	GC/FID, M-001, SOP-007, SOP-012		
	Cannabis Concentrate	CBN			
	Cannabis Extracts				
	Cannabis Infused Products (MIPs)	a-Pinene	GC/FID with Headspace Analyzer, M-003, SOP-017, SOP-014, SOP-021		0.01 mg/g
	Cannabis Flower	Camphene			
	Cannabis Concentrate	Myrcene			
Cannabis Extracts	b-Pinene				
Cannabis Infused Products (MIPs)	3-Carene				
	a-Terpinene				
	Ocimene-1				
	Limonene	GC/FID with Headspace Analyzer, M-002, SOP-013, SOP-018, SOP-02			
	p-Cymene				
	Eucalyptol				
	g-Terpinene				
	Terpenolene				
	Linalool				
	Isopulegol				
	Geraniol				
	b-Caryophyllene				
	Humulene				
	Nerolidol-1				
	Guaiol				
	Caryophyllene Oxide				
	a-bisabolol				
Biological ^F		1-Butanol			
		1-Pentanol			
		1-Propanol			
		2-Butanol			
		2-Butanone			
		2-Methyl-1-propanol			
		2-Propanol (Isopropanol, Isopropyl alcohol)			
		3-Methyl-1-butanol			



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Biological ^F	Cannabis Flower	4-Methyl-2-pentanone	GC/FID with Headspace Analyzer, M-002, SOP-013, SOP-018, SOP-02	0.01 mg/g
	Cannabis Concentrate	Acetone		
	Cannabis Concentrate	Anisole		
	Cannabis Concentrate	Butyl acetate		
	Cannabis Extracts	Ethanol Ether		
	Cannabis Extracts	Ethyl acetate		
	Cannabis Infused Products (MIPs)	Ethyl formate		
	Cannabis Infused Products (MIPs)	Isobutyl acetate		
	Cannabis Infused Products (MIPs)	Isopropyl acetate		
	Cannabis Flower	Isopropylbenzene		
	Cannabis Flower	Methyl acetate		
	Cannabis Concentrate	n-Heptane		
	Cannabis Concentrate	n-Pentane		
	Cannabis Concentrate	Propyl acetate		
	Cannabis Extracts	Tert-Butyl methyl ether		
Cannabis Infused Products (MIPs)	Methane			
Cannabis Infused Products (MIPs)	Ethane			
Cannabis Infused Products (MIPs)	Propane			
Cannabis Infused Products (MIPs)	Isobutane			
Cannabis Infused Products (MIPs)	N-butane			
Cannabis Flower	2-Methyl-1-propanol			
Cannabis Flower	Hexanes			
Cannabis Concentrate	Moisture	SOP-001	Loss on weight	
Cannabis Extracts	Salmonella	Plating and ELISA Reader, SOP-004 & SOP-011	Presence/Absence, 1 CFU/gm	
Cannabis Extracts	E.coli			
Cannabis Infused Products (MIPs)	Coliform			
Cannabis Infused Products (MIPs)	Staph Aureus			
Cannabis Infused Products (MIPs)	Pseudomonas			
Cannabis Infused Products (MIPs)	Aspergillus			
Cannabis Infused Products (MIPs)	Aflatoxin			
Cannabis Infused Products (MIPs)	Ochratoxin			
Cannabis Infused Products (MIPs)	Yeast			
Cannabis Infused Products (MIPs)	Mold			
Cannabis Infused Products (MIPs)	Aerobic Bacteria			

- 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.