



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Encore Labs

75 N. Vinedo Ave., Pasadena, CA, 91107

(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, 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

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

Initial Accreditation Date:

September 04, 2019

Issue Date:

October 26, 2023

Expiration Date:

January 31, 2026

Accreditation No.:

101411

Certificate No.:

L23-792

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

Encore Labs

75 N. Vinedo Ave., Pasadena, CA, 91107
 Contact Name: Ms. Evelyn Alvarez Phone: 626-598-3701

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 and Cannabis Goods	Cannabinoids: CBDA CBGA CBG CBD THCV CBN D9 THC D8 THC THCA CBC CBCA THCVA	EL-CANNABINOIDS (LC-DAD)	D.L. = 0.053 1 ppm D.L. = 0.053 4 ppm D.L. = 0.020 5 ppm D.L. = 0.014 3 ppm D.L. = 0.043 4 ppm D.L. = 0.014 3 ppm D.L. = 0.036 1 ppm D.L. = 0.063 6 ppm D.L. = 0.062 7 ppm D.L. = 0.030 8 ppm D.L. = 0.033 7 ppm D.L. = 0.021 1 ppm
		Heavy Metals: Arsenic Cadmium Lead Mercury	EL-HEAVYMETALS (ICP-MS)	D.L. = 0.019 9 ppm D.L. = 0.018 6 ppm D.L. = 0.051 3 ppm D.L. = 0.011 5 ppm
		Mycotoxins: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A	EL-PESTICIDESLCMS (LC-MS-MS)	D.L. = 1 ppb D.L. = 1 ppb D.L. = 2 ppb D.L. = 1 ppb D.L. = 4 ppb
		Pesticides: Abamectin Acephate Acequinocyl Acetamiprid Aldicarb Azoxystrobin Bifenazate Bifenthrin Boscalid Captan Carbaryl Carbofuran Chlorantranilprole Chlordane Chlorfenapyr Chlorpyrifos Clofentezine Coumaphos Cyfluthrin Cypermethrin Daminozide DDVP (Dichlorvos)		D.L. = 5 ppb D.L. = 2 ppb D.L. = 5 ppb D.L. = 5 ppb D.L. = 50 ppb D.L. = 5 ppb D.L. = 5 ppb D.L. = 20 ppb D.L. = 50 ppb D.L. = 50 ppb D.L. = 20 ppb D.L. = 20 ppb D.L. = 50 ppb D.L. = 50 ppb D.L. = 50 ppb D.L. = 10 ppb D.L. = 20 ppb D.L. = 50 ppb D.L. = 50 ppb D.L. = 20 ppb D.L. = 20 ppb



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Chemical ^F	Cannabis and Cannabis Goods	Pesticides: Diazinon Dimethoate Dimethomorph Ethoprophos Etofenprox Etoxazole Fenhexamid Fenoxycarb Fenpyroximate Fipronil Flonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim methyl Malathion Metalaxyl Methiocarb Methomyl Methyl-Parathion Mevinphos Myclobutanil Naled Oxamyl Paclobutrazol Pentachloronitrobenzene Permethrin Phosmet Piperonyl butoxide Prallethrin Propiconazole Propoxur Pyrethrins Pyridaben Spinetoram Spinosad Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	EL- PESTICIDESLCMS (LC-MS-MS)	D.L. = 2 ppb D.L. = 20 ppb D.L. = 5 ppb D.L. = 50 ppb D.L. = 50 ppb D.L. = 5 ppb D.L. = 5 ppb D.L. = 50 ppb D.L. = 5 ppb D.L. = 50 ppb D.L. = 10 ppb D.L. = 10 ppb D.L. = 5 ppb D.L. = 50 ppb D.L. = 5 ppb D.L. = 20 ppb D.L. = 2 ppb D.L. = 50 ppb D.L. = 10 ppb D.L. = 50 ppb D.L. = 20 ppb D.L. = 5 ppb D.L. = 10 ppb D.L. = 5 ppb D.L. = 50 ppb D.L. = 50 ppb D.L. = 10 ppb D.L. = 20 ppb D.L. = 10 ppb D.L. = 2 ppb D.L. = 5 ppb D.L. = 5 ppb D.L. = 50 ppb D.L. = 20 ppb D.L. = 5 ppb D.L. = 5 ppb D.L. = 5 ppb D.L. = 10 ppb D.L. = 5 ppb D.L. = 50 ppb D.L. = 5 ppb D.L. = 20 ppb D.L. = 5 ppb D.L. = 5 ppb



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Chemical ^F	Cannabis and Cannabis Goods	Residual Solvents:	EL-RES_SOLVENTS (GCMS Headspace)	D.L. = 0.08 µg
		Propane		D.L. = 0.20 µg
Butane	D.L. = 7.48 µg			
Methanol	D.L. = 0.08 µg			
Ethylene oxide	D.L. = 0.67 µg			
Pentane	D.L. = 0.79 µg			
Ethanol	D.L. = 0.12 µg			
Ethyl Ether	D.L. = 1.89 µg			
Acetone	D.L. = 2.29 µg			
Isopropanol	D.L. = 4.74 µg			
Acetonitrile	D.L. = 0.10 µg			
Methylene Chloride	D.L. = 0.07 µg			
Hexane	D.L. = 0.15 µg			
Ethyl Acetate	D.L. = 0.10 µg			
Chloroform	D.L. = 0.09 µg			
Benzene	D.L. = 0.10 µg			
Heptane	D.L. = 0.10 µg			
1,2-dichloroethane	D.L. = 0.10 µg			
Trichloroethene	D.L. = 0.10 µg			
Toluene	D.L. = 0.18 µg			
m,p-Xylenes	D.L. = 0.13 µg			
o-Xylene				
		Terpenes:	EL-TERPENES (GCMS)	D.L. = 0.055 ppm
		alpha-Pinene		D.L. = 0.057 ppm
		Camphene		D.L. = 0.058 ppm
		beta-Pinene		D.L. = 0.077 ppm
		beta-Myrcene		D.L. = 0.053 ppm
		delta-3-Carene		D.L. = 0.075 ppm
		alpha-Terpinene		D.L. = 0.079 ppm
		d-Limonene		D.L. = 0.085 ppm
		Eucalyptol		D.L. = 0.077 ppm
		Ocimene		D.L. = 0.081 ppm
		gamma-Terpinene		D.L. = 0.074 ppm
		Terpinolene		D.L. = 0.10 ppm
		Linalool		D.L. = 0.12 ppm
		Isopulegol		D.L. = 0.066 ppm
		Geraniol		D.L. = 0.13 ppm
		beta-Caryophyllene		D.L. = 0.096 ppm
		alpha-Humulene		D.L. = 0.016 ppm
		cis-Nerolidol	D.L. = 0.034 ppm	
		trans-Nerolidol	D.L. = 0.095 ppm	
		Guaiol	D.L. = 0.11 ppm	
		Alpha-Bisabolol		



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Chemical ^F	Cannabis and Cannabis Goods	Terpenes: Caryophyllene Oxide Fenchol alpha-Phellandrene Borneol Camphor Fenchone p-Cymene Valencene Sabinene Sabinene Hydrate (4-Thujanol) Isoborneol Menthol Nerol Pulegone Geranyl Acetate Alpha-Cedrene Cedrol	EL-TERPENES (GCMS)	D.L. = 0.149 6 ppm D.L. = 0.069 3 ppm D.L. = 0.086 4 ppm D.L. = 0.110 2 ppm D.L. = 0.089 8 ppm D.L. = 0.079 7 ppm D.L. = 0.046 7 ppm D.L. = 0.129 3 ppm D.L. = 0.049 1 ppm D.L. = 0.094 9 ppm D.L. = 0.043 0 ppm D.L. = 0.153 2 ppm D.L. = 0.104 4 ppm D.L. = 0.103 5 ppm D.L. = 0.119 6 ppm D.L. = 0.089 8 ppm D.L. = 0.085 4 ppm
		Moisture Content	EL-WATER (moisture analyzer)	D.L. = 1 %
		Water Activity	EL-WATER (Water activity probe)	0.005 a _w to 0.95 a _w
		Microbiological ^F	Microbials: Salmonella E. Coli/STEC Aspergillus terreus Aspergillus niger Aspergillus fumigatus Aspergillus flavus	EL-MICROBIALS (qPCR)
Non-Destructive ^F		Contaminants (Foreign Matter)	EL-FOREIGN	Qualitative (visual inspection)

- 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.