



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Modern Canna Science
806 W. Beacon Road, Lakeland, FL 33803

(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 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:

April 10, 2019

Issue Date:

April 10, 2019

Expiration Date:

June 30, 2021

Accreditation No.:

102020

Certificate No.:

L19-193

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

Modern Canna Science

806 W. Beacon Road, Lakeland, FL 33803
 Contact Name: Jini Curry Phone: 863-661-9491

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 Plant, Marijuana Infused Products, and Cannabis Extracts	Cannabinoids: D9-THC D8-THC THCA THCV CBD CBDA CBDV CBC CBG CBGA CBN Total THC Total CBD	MCS-SOP-Potency (HPLC-UV)	D.L. = 0.002 %
		Terpenes: Alpha-Pinene Camphene Beta-Pinene Beta-Myrcene Alpha-Terpinene P-Isopropyltoluene D-Limonene 1,8-Cineole Ocimene Gamma-Terpinene Terpinolene Linalool Isopulegol Geraniol Beta-Caryophyllene Alpha-Humulene Nerolidol Caryophyllene Oxide Guaiol Alpha-Bisabolol	MCS-SOP-Terpenes (GC/MS)	D.L. = 0.01 %
	Marijuana Infused Products and Cannabis Extracts	Residual Solvents: Methanol Pentane Ethanol Ethyl Ether Acetone Isopropyl Alcohol Acetonitrile Methylene Chloride	MCS-SOP-Residual Solvents (GC/MS)	D.L. = 150 ppm D.L. = 1.5 ppm D.L. = 15 ppm D.L. = 1.5 ppm D.L. = 30 ppm D.L. = 30 ppm D.L. = 30 ppm D.L. = 100 ppm



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Chemical ^F	Marijuana Infused Products and Cannabis Extracts	Residual Solvents: Hexane Ethyl Acetate Chloroform Cyclohexane Benzene 1,2-Dichloroethane Heptane Trichloroethene Toluene m/p-Xylene o-Xylene	MCS-SOP-Residual Solvents (GC/MS)	D.L. = 1.5 ppm D.L. = 15 ppm D.L. = 30 ppm D.L. = 1.5 ppm D.L. = 0.75 ppm D.L. = 1.5 ppm D.L. = 1.5 ppm D.L. = 1.5 ppm D.L. = 1.5 ppm D.L. = 1.5 ppm D.L. = 1.5 ppm
Microbiological ^F	Cannabis Plant, Marijuana Infused Products, Cannabis Extract, and Source Water	Microbial Screening: Total Plate Count Total Coliform E-Coli Yeast and Mold Aspergillus Salmonella	MCS-SOP-Aspergillus; MCS-SOP-Coliform & E.Coli; MCS-SOP-Salmonella; MCS-SOP-Total Plate Count; MCS-SOP-Yeast And Mold (Simplates) (Hardy Diagnostic)	D.L. = 1 MPN/g
Non-Destructive ^F	Cannabis Plant, Marijuana Infused Products, and Cannabis Extract	Foreign Material	MCS-SOP-Foreign Matter (Stereo Microscope & Visual Observation)	Presence/Absence

- 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.