



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Analytics Labs, LLC
28C Appleton Street, Holyoke, MA 01040

(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 and 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

Initial Accreditation Date:

March 12, 2021

Issue Date:

April 24, 2023

Expiration Date:

July 31, 2025

Revision Date:

May 20, 2024

Accreditation No.:

104289

Certificate No.:

L23-336-R1

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.pjlab.com



Certificate of Accreditation: Supplement

Analytics Labs LLC

28C Appleton Street, Holyoke, MA 01040
Contact Name: Kelly Hafford Phone: 845-625-7744

Accreditation is granted to the facility to perform the following testing:

FLEX CODE	FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED
F1, F4	Chemical ^F	Finished Marijuana/Hemp Flower Marijuana/Hemp Infused Products (MIPs) Marijuana/Hemp Concentrates and Extracts	Cannabinoid: CBDV THCV CBD CBG CBDa CBGa CBN Delta9-THC Delta8-THC CBC THCa CBT CBDVA THCVa CBNa CBL CBCa	SOP-009	HPLC
F1, F4		Marijuana/Hemp Concentrates and Extracts	Vitamin E Acetate	SOP-012	HPLC
F1, F4		Finished Marijuana/Hemp Flower Marijuana/Hemp Infused Products (MIPs) Marijuana/Hemp Concentrates and Extracts	Terpenes/Additives: α -Pinene Camphene β -Myrcene β -Pinene 3-Carene α -Terpinene Ocimene Limonene p-Cymene Eucalyptol γ -Terpinene Terpinolene Linalool Isopulegol Geraniol β -Caryophyllene α -Humulene Nerolidol Guaiol Caryophyllene Oxide α -Bisabolol Phytol Menthol	SOP-010	GC-FID



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F1, F4	Chemical ^F	Finished Marijuana/Hemp Flower Marijuana/Hemp Infused Products (MIPs) Marijuana/Hemp Concentrates and Extracts	Terpenes/Additives: (+)-Borneol, L(-)-Borneol, Carvacrol, (-)- α -Cedrene, Cedrol, Citronellol, <i>trans</i> - β -Farnesene, Farnesol, (1R)-endo-(+)-Fenchyl alcohol, Isoborneol, <i>m</i> -Isopropyltoluene, <i>o</i> -Isopropyltoluene, Nerol, R(-)- α -Phellandrene, Phytane (2,6,10,14-Tetramethylhexadecane), Sabinene, Sabinene Hydrate, Squalene, Terpinen-4-ol, α -Terpineol, Thymol, Valencene, Camphor, (S)-(+)-Carvone, Citral, (1R)-(-)-Fenchone, Geranyl acetate, Isobornyl acetate, Menthone, (+)-Nootkatone, Octyl acetate, Piperitone, (R)-(+)-Pulegone, Safranal, (-)- α -Thujone, d-Valerolactam, (-)-Verbenone	SOP-010	GC-FID
F1, F4		Marijuana/Hemp Extract Cannabinoids	Residual Solvents: Total butanes (n-butane, isobutane) propane n-pentane n-heptane acetone ethanol n-hexane	SOP-011	GC-FID



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F1, F4	Chemical ^F	Finished Marijuana/Hemp Flower Marijuana/Hemp Infused Products (MIPs) Marijuana/Hemp Concentrates and Extracts	Heavy Metals: Arsenic Cadmium Mercury Lead	SOP-005	ICP-MS
F1, F4			Mycotoxins: Aflatoxin-G2 Aflatoxin-G1 Aflatoxin-B2 Aflatoxin-B1 Ochratoxin A	SOP-013	ELISA
F1, F4		Finished Marijuana/Hemp Flower	Mycotoxins: Total Aflatoxins (G2, G1, B2, B1), Ochratoxin A	SOP-008	LCMS-MS
F1, F4		Finished Marijuana/Hemp Flower Marijuana/Hemp Infused Products (MIPs) Marijuana/Hemp Concentrates and Extracts	Pesticides, Herbicides: Imidacloprid Imazalil Myclobutanil Bifenazate Trifloxystrobin Spiromesifen Etoxazole Cyfluthrin Bifenthrin	SOP-008	LCMS-MS GCMS-MS
F1, F4		Finished Marijuana/Hemp Flower	Moisture	SOP-004	Moisture Reader
F1, F4		Marijuana/Hemp Flower	Water Activity	SOP-020	Water Activity Meter
		Marijuana Infused Products (MIPs) Marijuana/Hemp Concentrates and Extracts			
F1, F4	Biological ^F	Finished Marijuana/ Hemp Flower Marijuana/Hemp Infused Products (MIPs) Marijuana/Hemp Concentrates and Extracts	Total Aerobic Bacteria Total Bile-Tolerant Gram-Negative Bacteria Total Coliforms Total Yeast & Mold	SOP-006	Plating
F1, F4			Shiga Toxin-Producing Escherichia coli (STEC) Salmonella spp.	SOP-007	qPCR
F1, F4			Total Yeast & Mold	SOP-015	qPCR
F1, F4			Total Aerobic Bacteria, Total Bile-Tolerant Gram-Negative Bacteria, Total Coliforms, Enterobacteriaceae	SOP-021	qPCR



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Accreditation is granted to the facility to perform the following testing:

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location.
2. Flex Code:
 - F1-Introduction of the testing of a new item, material, matrix, or product for an accredited test method
 - F2-Introduction of a new version of an accredited standard method (with no modifications)
 - F3-Introduction of a new parameter/component/analyte to an accredited test method
 - F4- Introduction of a new version or modifications of an accredited non-standard method
 - F5-Introduction of a new method that is equivalent to an accredited method (using same technology or technique)

