



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Steep Hill Arkansas

11711 Hermitage Road Suite 6, Little Rock, AR 72211

(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 Microbiological 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:

Initial Accreditation Date:

June 4, 2019

Issue Date:

June 4, 2019

Expiration Date:

July 31, 2021

Tracy Szerszen
President/Operations Manager

Accreditation No.:

97338

Certificate No.:

L19-274

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.pjilabs.com



Certificate of Accreditation: Supplement

Steep Hill Arkansas

11711 Hermitage Road Suite 6, Little Rock, AR 72211
Contact Name: Brandon Thornton Phone: 501-516-8028

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
Chemical ^F	Cannabis Flower, Concentrates, or Infused Products	Cannabinoid Potency Analysis Method: SOP-002- AR Cannabinoid Terpene Pesticide Sample Preparation, Cannabinoid HPLC Data Acquisition, Cannabinoid HPLC Analysis & Reporting, THC, THCA, CBD, CBDA	HPLC SOP-024-AR SOP-068-AR
		Heavy Metal Analysis Method: Heavy Metal Sample Preparation, Heavy Metal ICPMS Data Acquisition, Heavy Metal ICPMS Analysis & Reporting. Arsenic, Cadmium, Lead, Mercury	ICP-MS SOP-021-AR SOP-061-AR SOP-072-AR
		Pesticide Analysis Method: Cannabinoid Terpene Pesticide Sample Preparation, Pesticide LCMS Data Acquisition, Pesticide LCMS Analysis & Reporting Examples: Abamectin Acephate Acequinocyl Acetamiprid Aldicarb Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran Chlorantraniliprole Chlorfenapyr Chlorpyrifos Clofentezine Cyfluthrin	SOP-002-AR SOP-062-AR SOP-070-AR



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Chemical ^F	Cannabis Flower, Concentrates, or Infused Products	Cypermethrin Daminozide DDVP (Dichlorvos) Diazinon Dimethoate Ethoprophos Etofenprox Etoxazole Fenoxycarb Fenpyroximate Fipronil Flonica mid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim-methyl Malathion Metalaxyl. Methiocarb Methomyl Methyl parathion MGK-264 Myclobutanil Naled Oxamyl Paclobutrazol Permethrins Phosmet Piperonyl butoxide Prallethrin Propiconazole Propoxur Pyrethrins Pyridaben Spinosad Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	SOP-002-AR SOP-062-AR SOP-070-AR



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Chemical ^F	Cannabis Flower, Concentrates, or Infused Products	Pesticide Analysis. Method: Cannabinoid Terpene Pesticide Sample Preparation, Pesticide GCMS Data Acquisition, Pesticide GCMS Analysis & Reporting. Cyfluthrin Cypermethrin Methyl parathion MGK-264 Permethrins Chlorfenapyr	GC/MS SOP-002-AR SOP-063-AR SOP-073-AR
		Residual Solvent Analysis. Method: Residual Solvent Sample Preparation, Residual Solvent GCMS Data Acquisition, Residual Solvent GCMS Analysis & Reporting. 1,2- Dimethoxyethane 1,4-Dioxane 1-Butanol 1-Pentanol 1-Propanol 2-Butanol 2-Butanone 2-Ethoxyethanol 2-methylbutane 2-Propanol (IPA) Acetone Acetonitrile Benzene Butane Cumene (isopropylbenzene) Cyclohexane Dichloromethane 2,2-dimethylbutane 2,3-dimethylbutane 1,2-dimethylbenzene (o- xylene)	GC/MS SOP-011-AR SOP-067-AR SOP-010-AR



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Chemical ^F	Cannabis Flower, Concentrates, or Infused Products	1,3-dimethylbenzene (m-xylene) 1,4-dimethylbenzene (p-xylene) Dimethyl sulfoxide Ethanol Ethyl acetate Ethylbenzene Ethyl ether Ethylene glycol Ethylene Oxide Heptane n-Hexane Isopropyl acetate Methanol Methylpropane 2-Methylpentane 3-Methylpentane N,N dimethylacetamide N,N dimethylfromamide Pentane Propane Pyridine Sulfolane Tetrahydrofuran Toluene Xylenes	GCMS
Microbiological ^F		Moisture Content Method: Sample Accessioning, Moisture Content Analysis Using Shimadzu MOC63u.	Thermogravimetric SOP-071-AR SOP-055-AR
		Water Activity Method: Sample Accessioning, Water Activity Analysis.	Meter – TDL SOP-071-AR SOP-059-AR
		Coliform Detection Method: Sample Accessioning, Microbiological Analysis-PetriFilm.	Petrifilm SOP-071-AR SOP-700-AR
		E. Coli Enumeration Method: Sample Accessioning, Microbiological Analysis-PetriFilm	Petrifilm SOP-071-AR SOP-700-AR

1. 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.