



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Green Scientific Labs

4001 SW 47th Avenue, Suite 208, Davie, FL 33314

(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:

Tracy Szerszen
President/Operations Manager

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

Initial Accreditation Date:

September 12, 2019

Issue Date:

September 12, 2019

Expiration Date:

September 12, 2021

Revision Date:

April 16, 2020

Accreditation No.:

103104

Certificate No.:

L19-448-R2

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

Green Scientific Labs

4001 SW 47th Street, Suite 208, Davie, FL 33314
 Contact Name: Paul Crage Phone: 833-837-8223

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, Extracts, Hemp Flower/Oil	Cannabinoids: Delta-9 THC THCA CBD CBDA CBDV CBC CBN CBG CBGA Delta-8 THC THCV	Green Scientific SOP 400.01 Potency by HPLC	D.L. = 0.25 µg/g D.L. = 0.25 µg/g D.L. = 0.25 µg/g D.L. = 0.25 µg/g D.L. = 0.25 µg/g D.L. = 0.25 µg/g D.L. = 0.25 µg/g D.L. = 0.25 µg/g D.L. = 0.25 µg/g D.L. = 0.25 µg/g
		Pesticides: Daminozide Acephate Flonicamid Oxamyl Methomyl Thiamethoxam Dimethoate Mevinphos Imidacloprid Aldicarb Dichlorvos Thiacloprid Propoxur Carbofuran Carbaryl Imazalil Naled Metalaxyl Spiromesifen Methiocarb Spiroxamine Chlorantraniliprole Paclobutrazol Boscalid Myclobutanil Fenhexamid Malathion Phosmet Ethoprophos Bifenazate Prallethrin	Green Scientific SOP 401.01 Pesticide/Mycotoxin by LCMS-MS	D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 5 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 5 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 5 ng/g D.L. = 5 ng/g D.L. = 5 ng/g D.L. = 5 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 5 ng/g



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Chemical ^F	Cannabis Plant; Marijuana, Infused Products, Extracts, Hemp Flower/Oil	Terpenes: alpha-Pinene Camphene beta-Myrcene (-)-beta-Pinene delta-3-Carene alpha-Terpinene trans-beta-Ocimene d-Limonene cis-beta-Ocimene Eucalyptol (1,8-Cineole) gamma-Terpinene Terpinolene Linalool (-)-Isopulegol Geraniol beta-Caryophyllene Humulene cis-Nerolidol trans-Nerolidol (-)-Guaiol (-)-Caryophyllene oxide (-)-alpha-Bisabolol	Green Scientific SOP 404.01 Terpenes by HS-GCMS	D.L. = 2 µg/g D.L. = 2 µg/g D.L. = 2 µg/g D.L. = 2 µg/g D.L. = 2 µg/g D.L. = 2 µg/g D.L. = 2 µg/g D.L. = 2 µg/g D.L. = 2 µg/g D.L. = 4 µg/g D.L. = 2 µg/g D.L. = 2 µg/g D.L. = 2 µg/g D.L. = 2 µg/g D.L. = 8 µg/g D.L. = 2 µg/g D.L. = 2 µg/g D.L. = 4 µg/g D.L. = 4 µg/g D.L. = 8 µg/g D.L. = 16 µg/g D.L. = 8 µg/g
		Residual Solvents: Propane Butane Methanol Pentane Ethanol Ethyl ether Acetone Isopropyl Alcohol Acetonitrile Methylenechloride n-Hexane Ethyl Acetate Chloroform Benzene 1,2 -Dichloroethane 1,1-Dichloroethene Dichloroethene Cis 1,2-Dichloroethene Trans 1,2- Dichloroethene	Green Scientific SOP 405.01 Residual Solvents by HS- GCMS	D.L. = 30 µg/g D.L. = 48 µg/g D.L. = 6 µg/g D.L. = 9 µg/g D.L. = 12 µg/g D.L. = 6 µg/g D.L. = 9 µg/g D.L. = 3 µg/g D.L. = 0.72 µg/g D.L. = 1.5 µg/g D.L. = 0.6 µg/g D.L. = 2.4 µg/g D.L. = 0.36 µg/g D.L. = 0.06 µg/g D.L. = 0.012 µg/g D.L. = 0.6 µg/g D.L. = 0.09 µg/g D.L. = 0.09 µg/g D.L. = 0.09 µg/g



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Chemical ^F	Cannabis Plant; Marijuana, Infused Products, Extracts, Hemp Flower/Oil	Residual Solvents: n-Heptane Trichloroethene Toluene Xylenes Ethylene Oxide	Green Scientific SOP 405.01 Residual Solvents by HS-GCMS	D.L. = 6 µg/g D.L. = 0.3 µg/g D.L. = 0.9 µg/g D.L. = 1.8 µg/g D.L. = 0.06 µg/g
		Mycotoxins: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Orchratoxin A	Green Scientific SOP 401.01 Pesticide/Mycotoxin by LCMS-MS	D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g D.L. = 1 ng/g
		Water Activity	Green Scientific SOP 407.01 Water Activity	0 aw to 0.98 aw
		Heavy Metals: Mercury Lead Arsenic Cadmium	Green Scientific SOP 403.01 Heavy Metals	D.L. = 3 ng/mL
		Filth and Foreign Material	Green Scientific SOP 409.01 Filth and Foreign Material	Presence/Absence
		Moisture Content	Green Scientific SOP 411.01 Moisture Content	D.L. = 0.1 % by Weight
		Microbiological ^F		E. coli Salmonella Stec E. coli S. aureus A. flavus A. fumigatus A. niger A. terrus C. Botulinum L. Monocyte
Yeast and Mold Total Aerobic Count	Internal SOP 3M Petri film			D.L. = 10 cfu/g



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Sampling ^o	Cannabis Plant; Marijuana/Hemp Flower	Weight	GSL 206.02 FL State 64ER20	N/A
	Final Product – Tinctures, Extracts, Edibles, Topicals, Infused Products, Extracts, Oils	Items		

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.

