

# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

# Certificate of Accreditation

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

### Act Laboratories of Florida

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

#### & Meets the Requirements of the AOAC International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food and Pharmaceutical-2018

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, Non-Destructive 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

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

Initial Accreditation Date:

September 12, 2019

Issue Date: July 18, 2023

October 31, 2025

Expiration Date:

Accreditation No.: 103104

Certificate No.: L23-551

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.pjlabs.com



#### Act Laboratories of Florida

4001 SW 47<sup>th</sup> Street, Suite 208, Davie, FL 33314 Contact Name: Rafael Bombonato Phone: 954-514-9343

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

FIELD	ITEMS, MATERIALS	Specific tests or properties	SPECIFICATION,	RANGE (WHERE
OF TEST	OR PRODUCTS TESTED	MEASURED	STANDARD METHOD OR TECHNIQUE USED	APPROPRIATE) AND DETECTION LIMIT
Chemical <sup>F</sup>	Cannabis Plant;	Cannabinoids:	Green Scientific Labs	
	Marijuana, Infused	THCA	SOPs for Extended	D.L. = $0.24  \mu g/g$
	Products, Extracts,	CBD	Potency by HPLC	D.L. = $0.24 \mu g/g$
	Hemp Flower/Oil	CBDA		D.L. = $0.24  \mu g/g$
	and other	CBDVA		D.L. = $0.24 \mu g/g$
	Derivatives	CBDV		D.L. = $0.24 \mu g/g$
		CBC		D.L. = $0.24 \mu g/g$
		CBN		D.L. = $0.24  \mu g/g$
		CBG		D.L. = $0.24 \mu g/g$
		CBGA		D.L. = $0.24 \mu g/g$
		THCV		D.L. = $0.24 \mu g/g$
		THCVA 🔺		D.L. = $0.24 \mu g/g$
		EXO-THC		D.L. = $0.24 \mu g/g$
		CBL		D.L. = $0.24 \mu g/g$
		D8-THC		D.L. = $0.24 \mu g/g$
		D9-THC		D.L. = $0.24  \mu g/g$
		D10-THC		D.L. = $0.24  \mu g/g$
		D8-THCV	$\square$	D.L. = $0.24  \mu g/g$
		D9-THCP		D.L. = $0.24  \mu g/g$
		CBT		D.L. = $0.24 \ \mu g/g$
		THC-O		D.L. = 0.24 $\mu g/g$
		Pesticides:	Green Scientific Labs	
		Daminozide	SOPs for Pesticide/	D.L. = 1 ng/g
		Acephate	Mycotoxin by LCMS-	D.L. = 1 ng/g
		Flonicamid	MS	D.L. = 5 ng/g
		Oxamyl		D.L. = 1  ng/g
		Methomyl		D.L. = $1 \text{ ng/g}$
		Thiamethoxam		D.L. = 1  ng/g
		Dimethoate		D.L. = 1  ng/g
		Mevinphos		D.L. = 1  ng/g
		Imidacloprid		D.L. = $1 \text{ ng/g}$
		Aldicarb		D.L. = $5 \text{ ng/g}$
		Dichlorvos		D.L. = $1 \text{ ng/g}$
		Thiacloprid Bron ouver		D.L. = $1 \text{ ng/g}$
		Propoxur Carbofuran		D.L. = $1 \text{ ng/g}$
				D.L. = $1 \text{ ng/g}$
		Carbaryl Imazalil		D.L. = 1 ng/g D.L. = 1 ng/g
		Naled		D.L. = 1  ng/g D.L. = 1  ng/g
		Metalaxyl		D.L. = 1  ng/g D.L. = 1  ng/g
		Spiromesifen		D.L. = 1  ng/g D.L. = 1  ng/g
		Methiocarb		D.L. = 1  ng/g D.L. = 1  ng/g
		Spiroxamine		D.L. = 1  ng/g D.L. = 1  ng/g
		Chlorantraniliprole		D.L. = 5  ng/g
		Paclobutrazol		D.L. = 5  ng/g D.L. = 5  ng/g
		Boscalid		D.L. = 5  ng/g D.L. = 5  ng/g
		Doscana	I	D.D. J 118/8

This supplement is in conjunction with certificate #L23-551



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4001 SW 47<sup>th</sup> Street, Suite 208, Davie, FL 33314 Contact Name: Rafael Bombonato Phone: 954-514-9343

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

FIELD	ITEMS, MATERIALS	s granted to the facility to perform SPECIFIC TESTS OR PROPERTIES	SPECIFICATION,	RANGE (WHERE
OF TEST	OR PRODUCTS TESTED	MEASURED	STANDARD METHOD OR TECHNIQUE USED	APPROPRIATE) AND DETECTION LIMIT
Chemical <sup>F</sup>	Cannabis Plant;	Pesticides:	Green Scientific Labs	DETECTION LIMIT
Chenneur	Marijuana, Infused	Myclobutanil	SOPs for Pesticide/	D.L. = 5  ng/g
	Products, Extracts,	Fenhexamid	Mycotoxin by LCMS-	D.L. = 1  ng/g
	Hemp Flower/Oil	Malathion	MS	D.L. = 1  ng/g
	and other	Phosmet		D.L. = 1  ng/g
	Derivatives	Ethoprophos		D.L. = 1  ng/g
	Derivatives	Bifenazate		D.L. = $1 \text{ ng/g}$
		Prallethrin		D.L. = 5  ng/g
		Dimethomorph		D.L. = $1 \text{ ng/g}$
		Tebuconazole		D.L. = $1 \text{ ng/g}$
		Azoxystrobin		D.L. = $1 \text{ ng/g}$ D.L. = $1 \text{ ng/g}$
		Spirotetramat		D.L. = $5 \text{ ng/g}$
		Fenoxycarb		D.L. = $5 \text{ ng/g}$ D.L. = $5 \text{ ng/g}$
		Diazinon		
		Kresoxim-methyl		D.L. = $5 \text{ ng/g}$ D.L. = $5 \text{ ng/g}$
		Propiconazole		66
		Clofentezine		D.L. = $5 \text{ ng/g}$
				D.L. = 5  ng/g
		Spinosyn A Permethrins		D.L. = 5 ng/g
				D.L. = $5 \text{ ng/g}$
		Trifloxystrobin		D.L. = $5 \text{ ng/g}$
		Spinosyn D		D.L. = $5 \text{ ng/g}$
		Spinetoram		D.L. = $5 \text{ ng/g}$
		Piperonyl butoxide		D.L. = $5 \text{ ng/g}$
		Chlorpyrifos		D.L. = $5 \text{ ng/g}$
		Hexythiazox		D.L. = $5 \text{ ng/g}$
		Etoxazole		D.L. = 5  ng/g
		Pyrethrins		D.L. = 1  ng/g
		Fenpyroximate		D.L. = 5  ng/g
		Pyridaben		D.L. = 5  ng/g
		Abamectin B1a		D.L. = 5  ng/g
		Acetamiprid		D.L. = 5  ng/g
		Acequinocyl		D.L. = 5  ng/g
		Etofenprox		D.L. = 5 ng/g
		Bifenthrin		D.L. = $5 \text{ ng/g}$
		Fipronil		D.L. = $5 \text{ ng/g}$
		Fludioxonil		D.L. = 5  ng/g
		Chlormequat Chloride		D.L. = 100 ng/g
		Pesticides:	Green Scientific Labs	
		Captan	SOPs for Pesticides	D.L. = $70 \text{ ng/g}$
		Chlordane	by Labs GCMS-MS	D.L. = $10 \text{ ng/g}$
		Chlorfenapyr		D.L. = $10 \text{ ng/g}$
		Coumaphos		D.L. = 10  ng/g
		Cyfluthrin		D.L. = $10 \text{ ng/g}$
		Cypermethrin		D.L. = $10 \text{ ng/g}$
		Parathion-methyl		D.L. = $10 \text{ ng/g}$
		Pentachloronitrobenzene		D.L. = $10 \text{ ng/g}$

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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 <sup>F</sup>	Cannabis Plant;	Terpenes:	Green Scientific	
	Marijuana, Infused	Sabinene	Labs for SOPs for	D.L. = 2 $\mu g/g$
	Products, Extracts,	a-Phellandrene	Terpene Analysis by	D.L. = $2 \mu g/g$
	Hemp Flower/Oil	p-Cymene	GC-FID	D.L. = 2 $\mu g/g$
	and other	Sabinene Hydrate		D.L. = $2 \mu g/g$
	Derivatives	Fenchone (and Isomers)		D.L. = 2 $\mu g/g$
		Endo-Fenchyl Alcohol		D.L. = 2 $\mu g/g$
		Camphor (and Isomers)		D.L. = $2 \mu g/g$
		Isoborneol		D.L. = $2 \mu g/g$
		Hexahydrothymol		D.L. = $2 \mu g/g$
		Borneol (and Isomers)		D.L. = $2 \mu g/g$
		Terpineol (and Isomers)		D.L. = 2 $\mu g/g$
		Nerol		D.L. = 2 $\mu g/g$
		Geraniol		D.L. = $2 \mu g/g$
		Pulegone (+)		D.L. = 2 $\mu g/g$
		Geranyl acetate		D.L. = $2 \mu g/g$
		a-Cedrene		D.L. = 2 $\mu g/g$
		Valencene		D.L. = $2 \mu g/g$
		Cedrol		D.L. = 2 $\mu g/g$
		alpha-Pinene		D.L. = $2 \mu g/g$
		Camphene		D.L. = $2 \mu g/g$
		beta-Myrcene		D.L. = 2 $\mu g/g$
		(-)-beta-Pinene		D.L. = 2 $\mu g/g$
		delta-3-Carene		D.L. = 2 $\mu g/g$
		alpha-Terpinene		D.L. = 2 $\mu g/g$
		trans-beta-Ocimene		D.L. = 2 $\mu g/g$
		d-Limonene		D.L. = 2 $\mu g/g$
		cis-beta-Ocimene		D.L. = 2 $\mu g/g$
		Eucalyptol (1,8-Cineole)		D.L. = 2 $\mu g/g$
		gamma-Terpinene		D.L. = 2 $\mu g/g$
		Terpinolene		D.L. = 2 $\mu g/g$
		Linalool		D.L. = 2 $\mu g/g$
		(-)-Isopulegol		D.L. = 2 $\mu g/g$
		Geraniol		D.L. = 2 $\mu g/g$
		beta-Caryophyllene		D.L. = 2 $\mu g/g$
		a-Humulene		D.L. = $2 \mu g/g$
		cis-Nerolidol		D.L. = 2 $\mu g/g$
		trans-Nerolidol		D.L. = 2 $\mu g/g$
		(-)-Guaiol		D.L. = 2 $\mu g/g$
		(-)-Caryophyllene oxide		D.L. = $2 \mu g/g$
		(-)-alpha-Bisabolol		D.L. = $2 \mu g/g$



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	TESTED		OR TECHNIQUE USED	DETECTION LIMIT
Chemical <sup>F</sup>	Cannabis Plant;	<b>Residual Solvents:</b>	Green Scientific	
	Marijuana, Infused	Propane	Labs SOPs for	D.L. = $30 \ \mu g/g$
	Products, Extracts,	Butane	Residual Solvents by	D.L. = $48 \ \mu g/g$
	Hemp Flower/Oil	Methanol	HS-GCMS	D.L. = $6 \mu g/g$
	and other	Pentane		D.L. = 9 $\mu$ g/g
	Derivatives	Ethanol		D.L. = $12 \ \mu g/g$
		Ethyl ether		D.L. = 6 $\mu$ g/g
		Acetone		D.L. = 9 $\mu$ g/g
		Isopropyl Alcohol		D.L. = $3 \mu g/g$
		Acetonitrile		D.L. = $0.72  \mu g/g$
		Methylenechloride		D.L. = $1.5 \mu g/g$
		n-Hexane		D.L. = $0.6  \mu g/g$
		Ethyl Acetate		D.L. = $2.4  \mu g/g$
		Chloroform		D.L. = $0.2 \mu g/g$
		Benzene		D.L. = $0.06  \mu g/g$
		1,2 -Dichloroethane		D.L. = $0.012 \ \mu g/g$
		1,1-Dichloroethene		D.L. = $0.6 \text{ ug/g}$
		Dichloroethene	$\square$	D.L. = 0.09  ug/g
		Cis 1,2-Dichloroethene		D.L. = $0.09 \text{ ug/g}$
		Trans 1,2- Dichloroethene		D.L. = $0.09 \text{ ug/g}$
		n-Heptane		D.L. = $6  \mu g/g$
		Trichloroethene		D.L. = $0.3  \mu g/g$
		Toluene		D.L. = $0.9 \mu g/g$
		Xylenes		D.L. = $1.8 \mu g/g$
		Ethylene Oxide		D.L. = $0.6 \mu g/g$
		Mycotoxins:	Green Scientific	
		Aflatoxin B1	Labs SOPs for	D.L. = 2 ng/g
		Aflatoxin B2	Pesticide/	D.L. = 2ng/g
		Aflatoxin G1	Mycotoxin by	D.L. = 2 ng/g
		Aflatoxin G2	LCMS-MS	D.L. = 2 ng/g
		Ochratoxin A		D.L. = 2 ng/g
		Water Activity	Green Scientific	Up to 0.98 aw
			Labs SOP for Water	1
			Activity	
		Heavy Metals:	Green Scientific	D.L. = 20 ng/mL
		Mercury	Labs SOPs for	
		Lead	Heavy Metals	
		Arsenic	11041 / 1110410	
		Cadmium		
		Cauimum	1	l



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	PRODUCTS TESTED		TECHNIQUE USED	DETECTION LIMIT
Chemical <sup>F</sup>	Cannabis Plant;	Moisture Content	Green Scientific Labs SOP	D.L. = $0.1$ % by Weight
	Marijuana,		for Moisture Content Green	
Microbiological F	Infused Products,	E. coli	Green Scientific Labs SOP	Presence/Absence in 1g
U	Extracts,	Salmonella	for Microbiology by qPCR	Presence/Absence in 1g
	Hemp	STEC E. coli		Presence/Absence in 1g
	Flower/Oil and	S. aureus		Presence/Absence in 1g
	other Derivatives	A. flavus		Presence/Absence in 1g
		A. fumigatus		Presence/Absence in 1g
		A. niger		Presence/Absence in 1g
		A. terrus		Presence/Absence in 1g
		C. cotulinum		Presence/Absence in 1g
		L. monocytogenes		Presence/Absence in 1g
		Pseudomonas aeruginosa		Presence/Absence in 1g
		Bile Tolerant Gram Negative		Presence/Absence in 1g
		Enterobacteriaceae Count		D.L. = 100 CFU/g
		Total Coliform Count		D.L. = 100 CFU/g
		Total Yeast and Mold Count		D.L. = 10  CFU/g
		Total Aerobic Microbial		D.L. = 10  CFU/g
		Count		
		Yeast and Mold	Green Scientific Labs SOP	D.L. = 10 CFU/g
		Total Aerobic Count	for Microbiology by 3M	
			Petrifilm and Plating	
			Procedures for Yeasts and	
	· · · · · ·		Molds	
		E. coli	Green Scientific Labs SOPs	D.L. = 10 CFU/g
			for Microbiology Plating	
			Procedure for E. coli	
	Cannabis Plant,	Enterobacteriaceae Count	Green Scientific Labs SOP	D.L. = 10 CFU/g
	Marijuana,	Coliform Count	for Microbiological	
	Infused Products,	S. aureus Count	Analysis by 3M Petrifilm	
	Extracts, Hemp	E. coli Count		
	Flower/Oil and	Enterobacteriaceae Count by	Green Scientific Labs SOP	Range: Up to >1000
	other Derivatives	Microbiological Enumeration	for Microbiological	CFU/g
		of BTGN Organisms	Enumeration of BTGN	
			Organisms	
		Hops Latent Viroid	Green Scientific Labs SOP	Presence/Absence
		Lettuce Chlorosis Virus	for Plant Pathogen Analysis	
		Cannabis Cryptic Virus		1



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OF TEST	OR PRODUCTS	PROPERTIES MEASURED	STANDARD METHOD OR	APPROPRIATE) AND
	TESTED		TECHNIQUE USED	DETECTION LIMIT
Non-Destructive <sup>F</sup>	Cannabis Plant;	Stability	Green Scientific Labs SOPs	Qualitative
	Marijuana, Infused		for Stability Chamber Model	
	Products, Extracts,		CTC 256 Operation and	
	Hemp Flower/Oil		Maintenance and 312 -	
	and other		Stability Chamber Model ICH	
	Derivatives		750 Operation and	
			Maintenance	
		Filth and Foreign	Green Scientific Labs SOP for	Presence/Absence
		Material	Filth and Foreign Material	
Sampling <sup>O</sup>	Cannabis Plant;	Weight and Items	Green Scientific Labs SOP for	N/A
	Marijuana/Hemp		Sampling and	
	Flower		FL State 64ER20	
	Final Product –	Weight and Items		
	Tinctures,			
	Extracts, Edibles,			
	Topicals, Infused			
	Products, Extracts,			
	Oils, Derivatives			

- 1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer <sup>F</sup> would mean that the laboratory performs this testing at its fixed location.
- 2. This is the parent location.
- 3. The presence of a superscript O means that the laboratory performs testing of the indicated parameter onsite at customer locations. Example: Outside Micrometer <sup>o</sup> would mean that the laboratory performs this testing onsite at the customer's location.