



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

### ***Certified Labs-Tennessee LLC. (Labstat)***

***10427 Cogdill Road, Suite 500, Knoxville, TN 37932***

*(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:*

April 21, 2020

*Issue Date:*

March 30, 2023

*Expiration Date:*

May 31, 2025

*Accreditation No.:*

123596

*Certificate No.:*

L23-418

*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](http://www.pjilabs.com)*



# Certificate of Accreditation: Supplement

## Certified Labs-Tennessee LLC. (Labstat)

10427 Cogdill Road, Suite 500, Knoxville, TN 37932  
Contact Name: Brenda Stranding Phone: 226-988-2856

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 <sup>F</sup>	Cannabis plant material	<b>Cannabinoids:</b> CBDV THCV	Kaycha Labs SOP.T.30.031.TN SOP.T.40.031.TN (HPLC)
	Cannabis infused products	CBD CBG CBDA	
	Cannabis extracts/concentrates	CBGA CBN d9-THC d8-THC CBC THCA Total CBD (CBD,CBDA) Total THC (THC,THCA) Delta 10-THC Exo-THC THC-O-Acetate	
		Water Activity	Kaycha Labs SOP.T.40.019 (Hydrometer)
		Moisture Content	Kaycha Labs SOP.T.40.021 (Moisture Analyzer)



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Chemical <sup>F</sup>	Cannabis plant material  Cannabis infused products  Cannabis extracts/concentrates	<b>Terpene Analysis:</b> (+)-Cedrol (1S)-3-Carene (R)-(+)-Limonene (R)-Endo-(+)-Fenchyl Alcohol alpha-Bisabolol alpha-Cedrene alpha-Humulene alpha-Phellandrene alpha-Pinene alpha-Terpinene beta-Pinene beta-Myrcene Borneol (isomers) Camphene Camphor (mix of isomers) Caryophyllene oxide cis-Nerolidol Eucalyptol Farnescene Fenchone (mis of isomers) gamma-Terpinene Geraniol Geraniol acetate Guaiol Hexahydrothymol Isoborneol Isopulegol Linolool Nerol (Cis Geraniol) Ocimene (mixture of isomers) Pulegone Sabinene Sabinene Hydrate Terpineol (mix of isomers) Terpinolene Trans-Caryophyllene trans-Nerolidol Valencene	SOP.T.40.061.TN (GCMS)



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Chemical <sup>F</sup>	Cannabis plant material  Cannabis infused products  Cannabis extracts/concentrates	<b>Residual Solvents:</b> 1,1-Dichloroethene 1,2-Dichloroethane 2-Propanol Acetone Acetonitrile Benzene Butanes (n-butane) Chloroform Dichloromethane Ethanol Ethyl acetate Ethyl ether Ethylene Oxide Heptane Methanol n-Hexane Pentanes (n-pentane) Propane Toluene Trichloroethylene Xylenes-M&P (1,3&1,4-dimethylbenzene) Xylenes-O (1,2-dimethylbenzene)	SOP.T.40.041.TN (GCMS-Headspace)



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Chemical <sup>F</sup>	Cannabis plant material /  Cannabis infused products  Cannabis extracts/concentrates	<b>Pesticides Residue:</b> Acephate Acequinocyl Acetamiprid Aldicarb Abamectins Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran Chlorantraniliprole Chloromequat Chloride Chlorpyrifos Clofentezine Coumaphos Cypermethrin Daminozide Diazinon Dichlorvos Dimethoate Dimethomorph Ethoprophos Etofenprox Etoxazole Fenhexamid Fenoxycarb Fenpyroximate Fipronil Flonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim methyl Malathion Metalaxyl Methiocarb Methomyl Mevinphos Myclobutanil Naled Oxamyl Paclobutrazol Permethrin	SOP.T.30.101.TN SOP.T.40.101.TN (LC-MS/MS)



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Chemical <sup>F</sup>	Cannabis plant material	<b>Pesticides Residue:</b> Phosmet Piperonyl butoxide Prallethrin Propiconazole Propoxur Pyrethrin I & II Pyridaben Spinetoram Spinosads Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	SOP.T.30.101.TN SOP.T.40.101.TN (LC-MS/MS)
	Cannabis infused products		
	Cannabis extracts/concentrates	<b>Mycotoxins:</b> Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A	SOP.T.30.101.TN SOP.T.40.101.TN (LC-MS/MS)
	Cannabis plant material	<b>Elemental Analysis:</b> Aluminum Arsenic Boron Cadmium Calcium Copper Iron Lead Magnesium Manganese Mercury Molybdenum Potassium Phosphorus Silicon Sulfur Zinc	SOP.T.30.082.TN SOP.T.40.082.TN (ICP-MS)



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Chemical <sup>F</sup>	Cannabis infused products	<b>Elemental Analysis:</b> Aluminum Arsenic Boron Cadmium Calcium Copper Iron Lead Magnesium Manganese Mercury Molybdenum Potassium Phosphorus Silicon Sulfur Zinc	SOP.T.30.082.TN SOP.T.40.082.TN (ICP-MS)
	Cannabis extracts/concentrates		
Non-Destructive <sup>F</sup>	Cannabis plant material	Foreign Matter	SOP.T.40.090 (Visual Inspection-Microscope)
	Cannabis infused products	Escherichia coli/STEC Salmonella	SOP.T.40.056C (PCR)
	Cannabis extracts/concentrates	Aspergillus fumigatus A. flavus, A. niger, A. terreus Listeria monocytogenes	
Microbiological <sup>F</sup>		Total Yeast and Mold	SOP.T.40.209.TN (Plating)

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.