



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## *Certificate of Accreditation*

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

### ***Smithers CTS-NJ***

***16000 Horizon Way, Suite 700, Mount Laurel NJ 08054***

*(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, Microbiological, and Non-Destructive 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:*

August 12, 2022

*Issue Date:*

September 08, 2023

*Expiration Date:*

December 31, 2025

*Revision Date:*

November 16, 2023

*Accreditation No.:*

103104

*Certificate No.:*

L23-690-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.pjlabs.com](http://www.pjlabs.com)*



## Certificate of Accreditation: Supplement

### Smithers CTS-NJ

16000 Horizon Way, Suite 700, Mount Laurel NJ 08054  
Contact Name: Braden Wachtmann-Smoot Phone: 609-820-1537

*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; Marijuana, Infused Products, Extracts, Hemp Flower/Oil	<b>Cannabinoids:</b> d9-THC THCA CBD CBDA CBDVA CBDV CBC CBN CBG CBGA d8-THC d9-THCV THCVA d8-THCV exo-THC CBL d10-THC d9-THCP CBT THCO	Potency by HPLC SOP 417, SOP 418
		<b>Terpenes:</b> (-)-alpha-Bisabolol (-)-beta-Pinene (-)-Caryophyllene oxide (-)-Guaïol (-)-Isopulegol alpha-Cedrene alpha-Humulene alpha-Phellandrene alpha-Pinene alpha-Terpinene beta-Caryophyllene beta-Myrcene beta-Pinene Borneol (and Isomers)	Labs Terpene Analysis by GC-FID SOP 419



## Certificate of Accreditation: Supplement

### Smithers CTS-NJ

16000 Horizon Way, Suite 700, Mount Laurel NJ 08054  
Contact Name: Braden Wachtmann-Smoot Phone: 609-820-1537

*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; Marijuana, Infused Products, Extracts, Hemp Flower/Oil	<b>Terpenes:</b> Camphene Camphor (and Isomers) Cedrol cis-beta-Ocimene cis-Nerolidol delta-3-Carene d-Limonene Endo-Fenchyl Alcohol Eucalyptol (1,8-Cineole) Fenchone (and Isomers) gamma-Terpinene Geraniol Geraniol Geranyl acetate Hexahydrothymol Isoborneol Linalool Nerol p-Cymene Pulegone (+) Sabinene Sabinene hydrate Terpineol (and Isomers) Terpinolene trans-beta-Ocimene trans-Nerolidol Valencene	Labs Terpene Analysis by GC-FID SOP 419
		<b>Residual Solvents:</b> 1,1-Dichloroethene 1,2-Dichloroethane Acetone Acetonitrile Benzene Butanes Chloroform Dichloromethane	Residual Solvents by HS-GC-MS SOP 405



## Certificate of Accreditation: Supplement

### Smithers CTS-NJ

16000 Horizon Way, Suite 700, Mount Laurel NJ 08054  
Contact Name: Braden Wachtmann-Smoot Phone: 609-820-1537

*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; Marijuana, Infused Products, Extracts, Hemp Flower/Oil	<b>Residual Solvents:</b> Ethanol Ethyl acetate Ethyl ether Ethylene Oxide Heptanes Hexanes Isopropyl acetate Isopropyl alcohol Methanol Methylene chloride Pentanes Propane Toluene Trichloroethylene Xylenes	Residual Solvents by HS-GC-MS SOP 405
		Water Activity	Water Activity SOP 407
		Vitamin E Acetate	Vitamin E Acetate Analysis by HPLC SOP 439
		<b>Heavy Metals:</b> Mercury Lead Arsenic Cadmium Silver Barium Chromium Selenium	Green Scientific Labs Heavy Metals by ICP-MS SOP 428
		Moisture Content	Moisture Content SOP 411



## Certificate of Accreditation: Supplement

### Smithers CTS-NJ

16000 Horizon Way, Suite 700, Mount Laurel NJ 08054  
Contact Name: Braden Wachtmann-Smoot Phone: 609-820-1537

*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; Marijuana, Infused Products, Extracts, Hemp Flower/Oil	<b>Pesticides:</b> Abamectin B1a Acephate Acequinocyl Acetamiprid Aldicarb Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran Chlorantraniliprole Chlorfenapyr Chlorpyrifos Clofentezine Coumaphos Cyfluthrin 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	Agricultural Agents and Mycotoxins TP10.008.01



# Certificate of Accreditation: Supplement

## Smithers CTS-NJ

16000 Horizon Way, Suite 700, Mount Laurel NJ 08054  
Contact Name: Braden Wachtmann-Smoot Phone: 609-820-1537

*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; Marijuana, Infused Products, Extracts, Hemp Flower/Oil	<b>Pesticides:</b> Myclobutanil Naled Oxamyl Paclobutrazol Permethrins Phosmet Piperonyl Butoxide Prallethrin Propiconazole Propoxur Pyrethrins Pyridaben Spinetoram Spinosyn A Spinosyn D Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	Agricultural Agents and Mycotoxins TP10.008.01
		Ancymidol Flurprimidol Ethepon	Agricultural Agents and Mycotoxins TP 10.008.01
Chemical <sup>F</sup>	Cannabis Plant; Marijuana, Infused Products, Extracts, Hemp Flower/Oil	<b>Mycotoxins:</b> Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A	Agricultural Agents and Mycotoxins TP 10.008.01
Non-Destructive <sup>F</sup>	Cannabis Plant; Marijuana, Infused Products, Extracts, Hemp Flower/Oil	Filth and Foreign Material	Filth and Foreign Material SOP 409



# Certificate of Accreditation: Supplement

## Smithers CTS-NJ

16000 Horizon Way, Suite 700, Mount Laurel NJ 08054  
Contact Name: Braden Wachtmann-Smoot Phone: 609-820-1537

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
Microbiological <sup>F</sup>	Cannabis Plant; Marijuana, Infused Products, Extracts, Hemp Flower/Oil	<i>E. coli</i> <i>Salmonella</i> spp. <i>Shiga toxin-producing E. coli</i> (STEC) <i>S. aureus</i> <i>A. flavus</i> <i>A. fumigatus</i> <i>A. niger</i> <i>A. terreus</i> <i>C. botulinum</i> <i>L. monocytogenes</i> <i>P. aeruginosa</i> Total Yeast and Mold Count Total Aerobic Microbial Count	Microbiology by qPCR SOP 406
		<i>E. coli</i> Total Yeast and Mold Count Total Aerobic Microbial l Count Coliform Count Enterobacteriaceae <i>S. aureus</i>	Microbiology by Petrifilm SOP 412
		Hop Latent Viroid Lettuce Chlorosis Virus Cannabis Cryptic Virus	Microbiology by qPCR SOP 414
Biological <sup>F</sup>			
Sampling <sup>F</sup>	Cannabis Plant; Marijuana/Hemp Flower, Tinctures, Extracts, Edibles, Topicals, Infused Products, Extracts, Oils	Items and Weights	Sampling SOP 206

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.