



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## *Certificate of Accreditation*

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

***Smithers CTS IL, LLC.***

***8205 S. Cass Ave., Suite 106-107 Darien, IL 60561***

*(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 Biological 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:*

March 19, 2021

*Revision Date:*

April 25, 2024

*Issue Date:*

April 18, 2023

*Accreditation No.:*

107434

*Expiration Date:*

June 30, 2025

*Certificate No.:*

L23-316-R4

*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 IL, LLC.

8205 S. Cass Ave., Suite 106-107 Darien, IL 60561  
Contact Name: Kristofer Marsh Phone: 872-273-9466

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

FLEX CODE	FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED
F1, F4	Chemical <sup>F</sup>	Cannabis Plant, Marijuana Infused Products, Cannabis Extract	<b>Cannabinoids:</b> Δ9-Tetrahydrocannabinol (d9-THC) Cannabidiol (CBD) Cannabinol (CBN) Cannabigerol (CBG) Δ9-Tetrahydrocannabivarin (d9-THCV) Cannabidivarin (CBDV) Cannabichromene (CBC) Δ8-Tetrahydrocannabinol (d8-THC) Tetrahydrocannabinolic Acid (THCA) Cannabidiolic Acid (CBDA) Cannabigerolic Acid (CBGA) Cannabidiviranic Acid (CBDVA) Tetrahydrocannabiviranic Acid (THCVA) Δ-8-Tetrahydrocannabivarin (d8-THCV)	SOP-CANN-001	HPLC
F1, F4			<b>Pesticides:</b> Acetamiprid Aldicarb Azoxystrobin Bifenazate Bifenthrin Carbaryl Carbofuran Chlorantraniliprole Chloromequat chloride Chlorpyrifos Clofentezine Coumaphos Diazinon Dimethomorph I Dimethomorph II Ethoprophos Etofenprox Etoxazole Fenhexamid Fenpyroximate Fipronil Flonicamid Fludioxonil Hexythiazox Imidacloprid Kresoxim-methyl Metalaxyl Oxamyl I Permethrins Phosmet Piperonyl butoxide	SOP-PESTMYCO-001	LC-MS/MS



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F1, F4	Chemical <sup>F</sup>	Cannabis Plant, Marijuana Infused Products, Cannabis Extract	<b>Pesticides:</b> Prallethrin Pyridaben Spinetoram J Spinetoram L Spinosyn A Spinosyn D Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	SOP-PESTMYCO-001	LC-MS/MS
			<b>Mycotoxins:</b> Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A		
F1, F4			<b>Terpene Analysis:</b> Hexahydrothymol (Menthol) Borneol Terpineol Nerol Geraniol Pulegone Geranyl acetate $\alpha$ -Cedrene trans-Caryophyllene $\alpha$ -Humulene Valencene cis-Nerolidol trans-Nerolidol Caryophyllene oxide Guaiol Cedrol $\alpha$ -Bisabolol Camphene Sabinene $\beta$ -Pinene $\beta$ -Myrcene $\alpha$ -Phellandrene (1S)-(+)-3-Carene $\alpha$ -Terpinene Limonene $\beta$ -Ocimene Eucalyptol	SOP-TERP-001	GC-MS



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F1, F4	Chemical <sup>F</sup>	Cannabis Plant, Marijuana Infused Products, Cannabis Extract	<b>Terpene Analysis:</b> $\gamma$ -Terpinene Terpinolene Linalool (+)-Fenchone Fenchyl alcohol Camphor Isoborneol	SOP-TERP-001	GC-MS
F1, F4			(-)-alpha-Bisabolol (-)-beta-Pinene (-)-Caryophyllene oxide (-)-Guaiol (-)-Isopulegol alpha-Cedrene alpha-Humulene alpha-Phellandrene alpha-Pinene alpha-Terpinene beta-Caryophyllene beta-Myrcene beta-Pinene Borneol (and Isomers) 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 Geranyl acetate Hexahydrothymol Isoborneol Linalool Nerol p-Cymene Pulegone (+) Sabinene Sabinene hydrate Terpineol (and Isomers) Terpinolene trans-beta-Ocimene trans-Nerolidol Valencene	SOP-TERP-002	GC-FID



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F1, F4	Chemical <sup>F</sup>	Cannabis Plant, Marijuana Infused Products, Cannabis Extract	<b>Heavy Metals:</b> Cadmium Lead Chromium Arsenic Mercury	SOP-HM-001	ICP-MS
F1, F4			<b>Residual Solvents:</b> Acetone Butane Ethanol Ethyl acetate Ethyl ether Ethylene oxide Heptane Hexane Isopropyl alcohol Methanol Methylene chloride Pentane Petroleum ether Propane Toluene Trichloroethylene Xylenes	SOP-RS-001	HS-GC-FID HS-GC-MS
F1, F4	Chemical <sup>F</sup>	Cannabis Plant, Marijuana Infused Products, Cannabis Extract	Water Activity	SOP-WA-001	Water Activity Meter
F1, F4			Moisture Content	SOP-MC-001	Moisture Content Analyzer
F1, F4	Biological <sup>F</sup>		<b>Microbial Contaminants:</b> Shiga toxin-producing <i>Escherichia coli</i> <i>Salmonella</i> spp.	SOP-MICRO-002	Chromogenic Plating
F1, F4		Cannabis Plant	<b>Microbial Contaminants:</b> Shiga toxin-producing <i>Escherichia coli</i> <i>Salmonella</i> spp. Total Yeast and Mold	SOP-MICRO-003	qPCR
F1, F4		Marijuana Infused Products, Cannabis Extracts	<b>Microbial Contaminants:</b> Shiga toxin-producing <i>Escherichia coli</i> <i>Salmonella</i> spp. Total Yeast and Mold	SOP-MICRO-004	qPCR
F1, F4		Cannabis Plant, Marijuana Infused Products, Cannabis Extracts	<b>Microbial Contaminants:</b> Total Aerobic Content <i>Enterobacteriaceae</i> Total Yeast and Mold Coliforms	SOP-MICRO-001	3M Petrifilm



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1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location.
2. Flex Code:
  - F1-Introduction of the testing of a new item, material, matrix, or product for an accredited test method
  - F2-Introduction of a new version of an accredited standard method (with no modifications)
  - F3-Introduction of a new parameter/component/analyte to an accredited test method
  - F4- Introduction of a new version or modifications of an accredited non-standard method
  - F5-Introduction of a new method that is equivalent to an accredited method (using same technology or technique)

