



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

### ***CDX Analytics***

***39 Norman Street, Salem, MA 01970***

*(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

*Initial Accreditation Date:*

November 7, 2017

*Issue Date:*

March 30, 2022

*Expiration Date:*

April 30, 2024

*Accreditation No.:*

90358

*Certificate No.:*

L22-263

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



# Certificate of Accreditation: Supplement

## CDX Analytics, LLC

39 Norman Street, Salem, MA 01970

Contact Name: Eamon Travers Phone: 978-619-2244

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	LIMIT OF QUANTIFICATION (REPORTING LIMIT)
Chemical <sup>F</sup>	Cannabis Infused Products	<b>Cannabinoids:</b> Δ9-THC CBD CBDA CBN THC-A Δ8-THC CBC CBDV CBG CBGA THCV THCVA	HPLC-UV (SOP-251)	D.L. = 0.001 44 % (W/W)
	Cannabis Plant Materials, Cannabis Concentrates	<b>Cannabinoids:</b> Δ9-THC CBD CBDA CBN THC-A Δ8-THC CBC CBDV CBG CBGA THCV THCVA		D.L. = 0.043 3 % (W/W)
	Cannabis Plant Materials, Cannabis Concentrates, Cannabis Infused Products	<b>Heavy Metals:</b> Mercury (Hg) Cadmium (Cd) Lead (Pb) Arsenic (As)	ICP/MS (SOP-252)	D.L. = 100 µg/kg D.L. = 200 µg/kg D.L. = 500 µg/kg D.L. = 200 µg/kg
	Cannabis Plant Materials	<b>Pesticides:</b> Bifentate Etaxazole Imazali Imidaclopril Myclobutanil Spiromesifen Trifloxystrobin Bifenthrin Cyfluthrin	LC/MS/MS (SOP-255)	D.L. = 10 µg/kg
		<b>Pesticides:</b> Bifenthrin Cyfluthrin	GC/MS/MS (SOP-255)	



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Chemical <sup>F</sup>	Cannabis Concentrates, Cannabis Infused Products	<b>Residual Solvents:</b> Propane Butane Iso-Butane Acetone Ethanol 2-Propanol Heptane Methanol Acetonitrile	HS/GC/FID (SOP-254)	D.L. = 5 mg/kg D.L. = 5 mg/kg D.L. = 5 mg/kg D.L. = 5 000 mg/kg D.L. = 5 000 mg/kg D.L. = 5 000 mg/kg D.L. = 5 000 mg/kg D.L. = 3 000 mg/kg D.L. = 410 mg/kg
	Cannabis Plant Materials, Cannabis Concentrates, Cannabis Infused Products	<b>Mycotoxins:</b> Ochratoxin A Total Aflatoxin B1,	Fluorometer (SOP-258)	D.L. = 20 µg/kg
		<b>Mycotoxins:</b> B2, G1, G2 Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2	LC-MSMS (SOP-258)	D.L. = 20 µg/kg
Cannabis Plant Material, Cannabis Concentrates	<b>Terpenes:</b> (-)-alpha-Bisabolol Camphene delta-3-Carene beta-Caryophyllene Geraniol (-)-Guaiol alpha-Humulene <i>p</i> -Isopropyltoluene ( <i>p</i> -cymene) (-)-Isopulegol d-Limonene Linalool beta-Myrcene Nerolidol Ocimene alpha-Pinene (-)-beta-Pinene alpha-Terpinene gamma-Terpinene Terpinolene	GC/FID (SOP-253)	D.L. = 0.043 4 % (W/W)	



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Chemical <sup>F</sup>	Cannabis Plant Materials	<b>Water Content:</b> Water Content (%)	Karl Fisher (SOP 259)	D.L. = 2.7 %
	Plant Materials, Plant Concentrates	<b>Vitamin E:</b> Vitamin E Acetate Vitamin E (alpha) Vitamin E (gamma) Vitamin E (delta)	HPLC-UV (SOP-260)	D.L. = 0.282 % (w/w)
Microbiological <sup>F</sup>	Cannabis Plant Materials, Cannabis Infused Products	<b>Microbials:</b> Total Aerobic Bacteria	qPCR (SOP-256 / SOP-257)	D.L. = 10 <sup>5</sup> CFU/g
		Total Yeast and Mold		D.L. = 10 <sup>4</sup> CFU/g
		Total Coliforms		D.L. = 10 <sup>3</sup> CFU/g
		Bile Tolerant Gram-Negative		D.L. = 10 <sup>3</sup> CFU/g
		Salmonella		Presence/Absence
		E Coli		1 CFU/g
	Cannabis Concentrates	Total Viable Aerobic Bacteria	D.L. = 10 <sup>4</sup> CFU/g	
		Total Yeast and Mold	D.L. = 10 <sup>3</sup> CFU/g	
		Total Coliforms	D.L. = 10 <sup>2</sup> CFU/g	
		Bile Tolerant Gram-Negative Bacteria	D.L. = 10 <sup>2</sup> CFU/g	
		Salmonella Spp.	Presence/Absence	
		E Coli	1 CFU/g	

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.