



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 17025:2005

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 January 2009):

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:

November 7, 2017

Expiration Date:

January 30, 2020

Accreditation No.:

90358

Certificate No.:

L17-474

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



Certificate of Accreditation: Supplement

CDX Analytics, LLC

39 Norman Street, Salem, MA 01970
 Contact: 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	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical ^F	Cannabis Infused Products (Cannabinoids)	Δ9-THC	HPLC (SOP-133)	D.L. = 0.1 % (W/W)
		CBD		
		CBDA		
		CBN		
		THC-A		
	Cannabis Plant Materials (Cannabinoids)	Δ9-THC	D.L. = 0.2 % (W/W)	
		CBD		
		CBDA		
		CBN		
		THC-A		
		Δ9-THC		
		Δ8-THC		
		CBC		
		CBD		
		CBDV		
	Cannabis Plant Materials (Metals)	Mercury (Hg)	ICP/MS (SOP-130)	100 µg/kg
		Cadmium (Cd)		200 µg/kg
		Lead (Pb)		500 µg/kg
		Arsenic (As)		200 µg/kg
	Cannabis Concentrates (Metals)	Mercury (Hg)	ICP/MS (SOP-130)	100 µg/kg
Cadmium (Cd)		200 µg/kg		
Lead (Pb)		500 µg/kg		
Arsenic (As)		200 µg/kg		
Cannabis Infused Products (Metals)	Mercury (Hg)	ICP/MS (SOP-130)	100 µg/kg	
	Cadmium (Cd)		200 µg/kg	
	Lead (Pb)		500 µg/kg	
	Arsenic (As)		200 µg/kg	
Cannabis Plant Materials (Pesticides)	Bifentate	LC/MS/MS GC/MS/MS (SOP-151)	10 µg/kg	
	Bifenthrin			
	Cyfluthrin			
	Etaxazole			
	Imazali			



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Chemical ^F	Cannabis Plant Materials (Pesticides)	Imidaclopril	LC/MS/MS	10 µg/kg	
		Myclobutanil	GC/MS/MS (SOP-151)		
		Spiromesifen			
		Trifloxystrobin			
	Cannabis Concentrates (Residual Solvents)	Propane	HS/GC/FID (SOP-132)	1 mg/kg	
		Butane			
		Iso-Butane			
		Acetone			5 000 mg/kg
		Ethanol			
		2-Propanol			
		Methanol			
		Acetonitrile			3 000 mg/kg
	Cannabis Infused Products (Residual Solvents)	Propane	HS/GC/FID (SOP-132)	1 mg/kg	
		Butane			
		Iso-Butane			
		Acetone		5 000 mg/kg	
		Ethanol			
		2-Propanol			
		Methanol			
		Acetonitrile		3 000 mg/kg	
	Cannabis Plant Materials (Mycotoxins)	Ochratoxin A	Fluorometer (SOP-159)	20 µg/kg	
		Total Aflatoxin	LC-MSMS (SOP-159)		
		Aflatoxin B1			
		Aflatoxin B2			
		Aflatoxin G1			
		Aflatoxin G2			
	Cannabis Concentrates (Mycotoxins)	Ochratoxin A	Fluorometer (SOP-159)	20 µg/kg	
Total Aflatoxin		LC-MSMS (SOP-159)			
Aflatoxin B1					
Aflatoxin B2					
Aflatoxin G1					
Aflatoxin G2					
Cannabis Infused Products (Mycotoxins)	Ochratoxin A	Fluorometer (SOP-159)	20 µg/kg		
	Total Aflatoxin				
	Aflatoxin B1				



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FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	Aflatoxin B2 SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical ^F	Cannabis Infused Products (Mycotoxins)	Aflatoxin G1	Fluorometer (SOP-159)	20 µg/kg
		Aflatoxin G2		
	Cannabis Extracts (Cannabinoids)	Δ9-THC	HPLC-UV	0.1 % (W/W)
		Δ8-THC		
		CBC		
		CBD		
		CBDV		
		CBG		
		CBN		
		THCV		
Microbiological ^F	Cannabis Plant Materials (Microbials)	Total Viable Aerobic Bacteria	qPCR (SOP-139)	10 ⁴ CFU/g
		Total Yeast and Mold		10 ³ CFU/g
		Total Coliforms		10 ² CFU/g
		Bile Tolerant Gram-Negative Bacteria		Presence/Absence
		Salmonella		
		E Coli		
	Cannabis Concentrates (Microbials)	Total Viable Aerobic Bacteria	qPCR (SOP-139)	10 ⁴ CFU/g
		Total Yeast and Mold		10 ³ CFU/g
		Total Coliforms		10 ² CFU/g
		Bile Tolerant Gram-Negative Bacteria		Presence/Absence
		Salmonella		
		E Coli		
	Cannabis Infused Products (Microbials)	Total Viable Aerobic Bacteria	qPCR (SOP-139)	10 ⁴ CFU/g
		Total Yeast and Mold		10 ³ CFU/g
		Total Coliforms		10 ² CFU/g
		Bile Tolerant Gram-Negative Bacteria		Presence/Absence
		Salmonella		
		E Coli		

- 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



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fixed location.

