



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

ProVerde Laboratories, Inc.
420 Fortune Blvd, Milford, MA 01757

(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, 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/Operations Manager

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:

November 6, 2014

Issue Date:

April 10, 2019

Expiration Date:

April 10, 2021

Accreditation No.:

80585

Certificate No.:

L19-194

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

ProVerde Laboratories, Inc.

420 Fortune Blvd, Milford, MA 01757
 Contact Name: Chris Hudalla Phone: 617-221-3356

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 /Hemp Plant Material, Marijuana /Hemp Infused Products (MIPs)	Cannabinoids: D8-THC D9-THC CBD CBC CBG CBN CBDV THCA THCV exo-THC CBDA CBGA	ProVerde WI-10-17	Flower: D.L.= weight% = 0.01 % MIPs: D.L. = weight% = 0.002 5 %
	Cannabis / Hemp Concentrates	Cannabinoids: D8-THC D9-THC CBD CBC CBG CBN CBDV THCA THCV exo-THC CBDA CBGA		D.L.= weight% = 0.05 %
	Cannabis / Hemp Extracts	Cannabinoids: D8-THC D9-THC CBD CBC CBG CBN CBDV THCA THCV exo-THC CBDA CBGA		D.L.= weight% = 0.01 %
	Cannabis /Hemp Plant Material, Cannabis / Hemp Concentrates, Cannabis/ Hemp Extracts, Marijuana Infused Products (MIPs)	Total Aflatoxin Total Ochratoxin	ProVerde WI-10-05	D.L.= conc.(ppb) = 2 µg/kg D.L.= conc.(ppb) = 3 µg/kg



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Chemical ^F	Cannabis /Hemp Plant Material, Cannabis / Hemp Concentrates, Cannabis/ Hemp Extracts, Marijuana Infused Products (MIPs)	Heavy Metals: Mercury (Hg) Cadmium (Cd) Arsenic (As) Lead (Pb) Silver (Ag) Selenium (Se) Cobalt (Co) Vanadium (V)	ProVerde WI-10-13	D.L.= 10 µg/kg
		Heavy Metals: Magnesium (Mg) Phosphorus (P) Calcium (Ca) Manganese (Mn) Nickel (Ni) Copper (Cu)		D.L = 500 µg/kg
		Heavy Metals: Sodium (Na) Aluminum (Al) Sulfur (S) Potassium (K) Chromium (Cr) Iron (Fe) Zinc (Zn)		D.L.= 5 mg/kg



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Chemical ^F	Cannabis / Hemp Concentrates / Hemp Extracts	Residual Solvents: 2-butanol cyclohexane benzene 1,2-dimethoxyethane isopropyl acetate 1-butanol 1,4-dioxane pyridine toluene 1-pentanol n,n-dimethylformamide ethylbenzene m,p-xylenes o-xylene n,n-dimethylacetamide isopropylbenzene	ProVerde WI-10-28	D.L. = 200 mg/kg D.L. = 200 mg/kg D.L. = 2 mg/kg D.L. = 200 mg/kg D.L. = 200 mg/kg D.L. = 200 mg/kg D.L. = 200 mg/kg D.L. = 200 mg/kg D.L. = 200 mg/kg D.L. = 200 mg/kg D.L. = 200 mg/kg D.L. = 200 mg/kg D.L. = 2 mg/kg D.L. = 2 mg/kg D.L. = 200 mg/kg D.L. = 200 mg/kg
	Cannabis /Hemp Plant Material	Imidacloprid, Myclobutanil, Bifenezate, Trifloxystrobin, Etoxazole	ProVerde WI-10-11	D.L.= 7 µg/kg
		Imazalil		D.L.= 10 µg/kg
		Spiromesifen		D.L.= 15 µg/kg
		Bifenthrin		D.L.= 33 µg/kg
		Moisture Content	ProVerde WI-10-25	7 % to 40 %
	Cannabis / Hemp Plant Material, Marijuana / Hemp Infused Products (MIPs)	Water Activity	ProVerde WI-10-25	0.15 aw to 1 aw
Non-Destructive ^F	Cannabis /Hemp Plant Material, Cannabis / Hemp Concentrates, Cannabis/ Hemp Extracts, Marijuana / Hemp Infused Products (MIPs)	Visual/Microscopic Inspection	ProVerde WI-10-03	Qualitative



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Microbiological ^F	Cannabis /Hemp Plant Material, Cannabis / Hemp Concentrates, Cannabis/ Hemp Extracts, Marijuana / Hemp Infused Products (MIPs)	Salmonella	ProVerde WI-10-10	Presence/Absence
		E. coli		
	Cannabis /Hemp Plant Material, Cannabis / Hemp Concentrates, Cannabis/ Hemp Extracts, Marijuana / Hemp Infused Products (MIPs)	Total Coliform	ProVerde WI-10-09	10 CFU/g
		Bile-tolerant gram negative bacteria		
		Total Yeast & Mold		
Total Aerobic				

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.