



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

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

*and hereby declares that the Organization is accredited in accordance with
the recognized International Standard:*

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Chemical, Biological and Non-Destructive Testing
(As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Initial Accreditation Date:

Issue Date:

Expiration Date:

November 06, 2014

April 30, 2025

May 31, 2027

Accreditation No.:

Certificate No.:

80585

L25-320-1

Tracy Szerszen
President

*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*

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



Certificate of Accreditation: Supplement

ProVerde Laboratories, Inc
420 Fortune Blvd., Milford, MA 01757
Contact Name: Christopher Hudalla Phone: 617-221-3356

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Cannabis /Hemp Plant Material, Marijuana /Hemp Infused Products (MIPs), Cannabis/Hemp Concentrates, Cannabis/Hemp Extracts	Cannabinoids: D8-THC D9-THC CBD CBC CBG CBN CBDV THCA THCV exo-THC CBDA CBGA	WI-10-17	LCUV	F1, F4	F
Chemical	Cannabis /Hemp Plant Material, Marijuana /Hemp Infused Products	D9-THC (High Sensitivity)	WI-10-54	LC/MS/MS	F1, F4	F
Chemical	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) magnesium (Mg) phosphorus (P) calcium (Ca) manganese (Mn) nickel (Ni) copper (Cu) sodium (Na)	WI-10-13	ICPMS	F1, F4	F



Certificate of Accreditation: Supplement

ProVerde Laboratories, Inc

420 Fortune Blvd., Milford, MA 01757

Contact Name: Christopher Hudalla Phone: 617-221-3356

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Cannabis /Hemp Plant Material, Cannabis / Hemp Concentrates, Cannabis/ Hemp Extracts, Marijuana Infused Products (MIPs)	Heavy Metals: aluminum (Al) sulfur (S) potassium (K) chromium (Cr) iron (Fe) zinc (Zn)	WI-10-13	ICPMS	F1, F4	F
Chemical	Cannabis /Hemp Plant Material	Terpenes: α -pinene camphene β -pinene 3-carene α -terpinene ocimene limonene p-cymene eucalyptol g-terpinene terpinolene linalool myrcene β -caryophyllene α -humulene caryophyllene oxide α -bisabolol	WI-10-27	Headspace GCMS	F1, F4	F
Chemical	Cannabis / Hemp Plant material, Cannabis / Hemp Concentrates, Cannabis / Hemp Extracts	Terpenes: α -pinene camphene sabinene β -pinene myrcene	WI-10-37	Liquid GCFID	F1, F4	F



Certificate of Accreditation: Supplement

ProVerde Laboratories, Inc

420 Fortune Blvd., Milford, MA 01757

Contact Name: Christopher Hudalla Phone: 617-221-3356

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Cannabis / Hemp Plant material, Cannabis / Hemp Concentrates, Cannabis / Hemp Extracts	Terpenes: α -phellandrene 3-carene α -terpinene α -ocimene β -ocimene limonene p-cymene eucalyptol γ -terpinene terpinolene L-fenchone linalool isopulegol menthol geraniol β -caryophyllene α -humulene cis-nerolidol trans-nerolidol guaiol caryophyllene oxide α -bisabolol	WI-10-37	Liquid GC/FID	F1, F4	F
Chemical	Cannabis / Hemp Concentrates, Hemp Extracts	Residual Solvents: benzene m,p-xylenes o-xylene propane butane isobutane methanol	WI-10-28	Headspace GC/MS	F1, F4	F



Certificate of Accreditation: Supplement

ProVerde Laboratories, Inc
420 Fortune Blvd., Milford, MA 01757
Contact Name: Christopher Hudalla Phone: 617-221-3356

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Cannabis / Hemp Concentrates, Hemp Extracts	Residual Solvents: Ethanol acetone isopropanol acetonitrile hexane heptane 2-methylbutane pentane ethyl ether 2,2-dimethylbutane dichloromethane 3-methylpentane 1-propanol 2-butanone ethyl acetate tetrahydrofuran 2-butanol cyclohexane 1,2-dimethoxyethane isopropyl acetate 1-butanol 1,4-dioxane pyridine toluene 1-pentanol n,n-dimethylformamide ethylbenzene n,n-dimethylacetamide isopropylbenzene	WI-10-28	Headspace GCMS	F1, F4	F



Certificate of Accreditation: Supplement

ProVerde Laboratories, Inc

420 Fortune Blvd., Milford, MA 01757

Contact Name: Christopher Hudalla Phone: 617-221-3356

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Cannabis /Hemp Plant Material, Cannabis / Hemp Concentrates, Cannabis/ Hemp Extracts, Marijuana Infused Products (MIPs)	Mycotoxins: Total Aflatoxin Total Ochratoxin A	WI-10-05	ImmunoAffinity/FLR	F1, F4	F
Chemical	Cannabis/Hemp Beverages, Cannabis/Hemp Gummies	Mycotoxins: Aflatoxins (B ₁ ,B ₂ ,G ₁ , G ₂) Ochratoxin A	WI-10-40	LC/MS/MS	F1, F4	F
Chemical	Cannabis / Hemp Plant Material, Marijuana / Hemp Infused Products	Water Activity	WI-10-25	DewPoint Sensor	F1, F4	F
Chemical	Cannabis / Hemp Plant Material, Marijuana / Hemp Infused Products	Moisture Content	WI-10-25	DewPoint Sensor	F1, F4	F
Chemical	Cannabis / Hemp Plant Material, Marijuana / Hemp Infused Products	Moisture Content	WI-10-36	WLOD	F1, F4	F
Chemical	Cannabis / Hemp Plant material, Cannabis / Hemp Concentrates, Cannabis / Hemp Extracts	Pesticides: acetamiprid azoxystrobin bifenazate bifenthrin carbaryl carbofuran chlorantraniliprole chlorpyrifos clofentezine coumaphos diazinon ethoprophos etofenprox etoxazole fenoxycarb fenpyroximate hexythiazox	WI-10-30	LC/MS/MS	F1, F4	F



Certificate of Accreditation: Supplement

ProVerde Laboratories, Inc
420 Fortune Blvd., Milford, MA 01757
Contact Name: Christopher Hudalla Phone: 617-221-3356

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Cannabis / Hemp Plant material, Cannabis / Hemp Concentrates, Cannabis / Hemp Extracts	Pesticides: imidacloprid metalaxyl methiocarb methomyl methyl kresoxim myclobutanil oxamyl paclobutrazol piperonyl butoxide propiconazole propoxur pyridaben spinetoram spinosad spiromesifen spirotetramat spiroxamine tebuconazole thiacloprid thiamethoxam trifloxystrobin boscalid flonicamid malathion pyrethrins abamectin cypermethrin dimethoate fipronil	WI-10-30	LC/MS/MS	F1, F4	F



Certificate of Accreditation: Supplement

ProVerde Laboratories, Inc
 420 Fortune Blvd., Milford, MA 01757
 Contact Name: Christopher Hudalla Phone: 617-221-3356

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Cannabis / Hemp Plant material, Cannabis / Hemp Concentrates, Cannabis / Hemp Extracts	Pesticides: mevinphos dichlorvos imazalil cyfluthrin	WI-10-30	LC/MS/MS	F1, F4	F
Chemical	Cannabis / Hemp Concentrates, Cannabis / Hemp Extracts, Cannabis / Hemp Vape Oil	Vitamin E Acetate	WI-10-38	LCUV	F1, F4	F
Chemical	Cannabis/Hemp Water soluble isolates, Cannabis/Hemp Beverages	Particle Size Zeta Potential	WI-10-33	DLS	F1, F4	F
Chemical	Nicotine Vape Liquids	Nicotine	WI-10-41	GCFID	F1, F4	F
Chemical	Hemp Oil, MCT Oil, Oil-Based Tinctures	Viscosity	WI-10-53	Cannon-Fenske Viscometer	F1, F4	F
Chemical	Kratom Plant Material, Kratom Concentrates, Kratom Products	Kratom Alkaloids: mitragynine paynantheine speciogynine speciociliatine 7-hydroxy mitragynine	WI-10-44	LCUV	F1, F4	F
Chemical	Drinking Water	PFAS HFPO-DA NEtFOSAA NMeFOSAA PFBS PFDA PFDoA PFHpA PFHxS PFHxA PFNA PFOS	WI-10-537.1 (EPA 537.1)	LC/MS/MS	F1, F2, F4	F



Certificate of Accreditation: Supplement

ProVerde Laboratories, Inc
 420 Fortune Blvd., Milford, MA 01757
 Contact Name: Christopher Hudalla Phone: 617-221-3356

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Drinking Water	PFAS PFOA PFTA PFTrDA PFUnA 11Cl-PF3OUdS 9Cl-PF3ONS ADONA	WI-10-537.1 (EPA 537.1)	LC/MS/MS	F1, F2, F4	F
Non-Destructive	Cannabis /Hemp Plant Material, Cannabis / Hemp Concentrates, Cannabis/ Hemp Extracts, Marijuana / Hemp Infused Products (MIPs)	Visual/Microscopic Inspection	WI-10-03	Visual	F1, F4	F
Biological	Cannabis /Hemp Plant Material, Cannabis / Hemp Concentrates, Cannabis/ Hemp Extracts, Marijuana / Hemp Infused Products (MIPs)	<i>Salmonella</i> <i>E. coli</i>	WI-10-10	ELFA	F1, F4	F
Biological	Cannabis /Hemp Plant Material, Cannabis / Hemp Concentrates, Cannabis/ Hemp Extracts, Marijuana / Hemp Infused Products (MIPs)	Total Aerobic Plate Count Total Coliform Total Bile-Tolerant Gram Negative Bacteria Total Yeast & Mold	WI-10-09	MPN	F1, F4	F
Biological	Cannabis /Hemp Plant Material, Cannabis / Hemp Concentrates, Cannabis/ Hemp Extracts, Marijuana / Hemp Infused Products (MIPs)	Total Aerobic Plate Count Total Coliform Total Bile-Tolerant Gram Negative Bacteria Total Yeast & Mold	WI-10-26	Plating	F1, F4	F



Certificate of Accreditation: Supplement

ProVerde Laboratories, Inc
420 Fortune Blvd., Milford, MA 01757
Contact Name: Christopher Hudalla Phone: 617-221-3356

Accreditation is granted to the facility to perform the following conformity assessment activities:

1. Location of activity:

Location

F

Location

Conformity assessment activity is performed at the CABs fixed facility

2. Flex Code:

- F0- Fixed scope item. No deviations allowed to the line item as identified, except for updating to the most recent version of an accredited standard method after verification.
- F1- Laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope
- F2- Laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
- F3- Laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope
- F4- Laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope
- F5- Laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using same technology or technique) identified on the scope

