PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Carbon Labs

10992 W. Jefferson Avenue, River Rouge, MI 48218

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:

Biological, Chemical, 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:

Tracy Szerszen
President

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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
November 22, 2023	December 10, 2025	February 29, 2028

Accreditation No.:	*Certificate No.:*
118579	L25-937

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

Certificate of Accreditation: Supplement

Carbon Labs

10992 W. Jefferson Avenue, River Rouge, MI 48218
Contact Name: Mohamed Khanafer Phone: 313-850-1666

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 Flower, Cannabis Concentrate, Cannabis Edibles	**Cannabinoids:** Cannabinol (CBN) Cannabidiol (CBD) Cannabidiolic acid (CBDA) Cannabigerol (CBG) Cannabigerolic acid (CBGA) Tetrahydrocannabivarin (THCV) Delta-9-THC THCA-A Cannabidivarin (CBDV) Cannabichromene (CBC) Delta-8-THC	SOP-CL001	HPLC	F1, F4	F
Chemical	Cannabis Flower, Cannabis Concentrate, Cannabis Edibles	**Pesticides:** Abamectin Acephate Acequinocyl Acetamiprid Aldicarb Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran Chlorantraniliprole Chlorfenapyr Chlorpyrifos Clofentezine Cyfluthrin Cypermethrin Daminozide	SOP-CL-004	LC/MS/MS	F1, F4	F

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Chemical	Cannabis Flower, Cannabis Concentrate, Cannabis Edibles	**Pesticides:** Dichlorvos Diazinon Dimethoate Ethoprophos Etofenprox Etoxazole Fenoxycarb Fenpyroximate Fipronil Flonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim-methyl Malathion Metalaxyl Methiocarb Methomyl Methyl parathion MGK-264 Myclobutanil Naled Oxamyl Paclobutrazol Permethrins Prallethrin Phosmet Propiconazole Propoxur	SOP-CL-004	LC/MS/MS	F1, F4	F

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Chemical	Cannabis Flower, Cannabis Concentrate, Cannabis Edibles	**Pesticides:** Pyridaben Pyrethrins Spinosad Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	SOP-CL-004	LC/MS/MS	F1, F4	F
Chemical	Cannabis Flower, Cannabis Concentrate, Cannabis Edibles	**Terpenes**: Alpha-Pinene Terpinolene (-)-Guaiol Camphene Linalool (-)-alpha-Bisabolol Beta-Pinene Isopulegol Eucalyptol Beta-Myrcene Geraniol Caryophyllene oxide Delta-3-Carene Beta-Caryophyllene Gamma-Terpinene Alpha-Terpinene Cis-Nerolidol Cis-Ocimene Limonene	SOP-CL005	GC/FID	F1, F4	F

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Chemical	Cannabis Flower, Cannabis Concentrate, Cannabis Edibles	**Terpenes**: Trans-Nerolidol Alpha-Humulene 4-Cymene	SOP-CL005	GC/FID	F1, F4	F
Chemical	Cannabis Flower, Cannabis Concentrate, Cannabis Edibles	**Heavy Metals:** Lead Inorganic Arsenic Mercury Cadmium Total Chromium Nickel Copper	SOP-CL007	ICP-MS	F1, F4	F
Chemical	Cannabis Flower, Cannabis Concentrate, Cannabis Edibles	Water Activity	SOP-CL006	Aqualab 4TE	F1, F4	F
Non-Destructive	Cannabis Flower, Cannabis Concentrate, Cannabis Edibles	Foreign Matter	SOP-CL008	Visual	F1, F4	F
Biological	Cannabis Flower, Cannabis Concentrate, Cannabis Edibles	Yeast & Mold Coliform	SOP-CL010 AOAC 2018.13	Petrifilm	F1, F4	F
Biological	Cannabis Flower, Cannabis Concentrate, Cannabis Edibles	*Salmonella* spp. STEC *Aspergillus niger* *Aspergillus fumigatus* *Aspergillus terreus,* *Aspergillus flavus*	SOP-CL002	qPCR	F1, F4	F

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

1. Location of activity:

Location	Location
F	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