



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

KCA Laboratories

1509 Bull Lea Rd, Suite 100, Lexington, KY 40511

*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 and Biological 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:

October 10, 2020

Issue Date:

November 01, 2024

Expiration Date:

December 31, 2026

Revision Date:

December 26, 2025

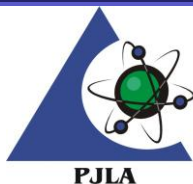
Accreditation No.:

108651

Certificate No.:

L24-834-R2

*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*



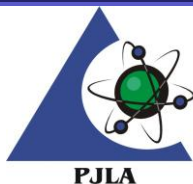
Certificate of Accreditation: Supplement

KCA Laboratories

1509 Bull Lea Rd, Suite 100, Lexington, KY 40511
Contact Name: Alex Morris Phone: 833-522-5227

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 Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products Food Urine Blood (Plasma and Serum)	Cannabinoids: (6aR,9R)- Δ 10-THC (6aR,9R,10aR)-HHC (6aR,9S)- Δ 10-THC (6aR,9S,10aR)-HHC (9R)-H4-CBD (9R)-HHCP (9S)-H4-CBD (9S)-HHCP 11-OH- Δ 9-THC 11-nor-9-COOH- Δ 9-THC 7-COOH-CBD 7-OH-CBD 9 α -OH-HHC 9 β -OH-HHC Abnormal CBD CBC CBCA CBCV CBD CBDA CBDP CBDV CBDVA CBE CBG CBGA CBGV CBL CBLA CBN	TP-400 TP-402 TP-401 TP-404	HPLC-PDA GC-MS/MS LC-MS/MS	F1, F4	F



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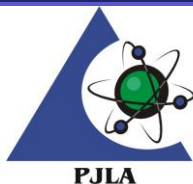
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Chemical	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products Food Urine Blood (Plasma and Serum)	Cannabinoids: CBN acetate CBNA CBT exo-THC Δ 4,8-iso-THC Δ 6a,10a-THC Δ 8-iso-THC Δ 8-THC Δ 8-THC acetate Δ 8-THC-C8 Δ 8-THCP Δ 8-THCV Δ 9-THCV Δ 9-cis-THC Δ 9-THC	TP-400 TP-402 TP-401 TP-404	HPLC-PDA GC-MS/MS LC-MS/MS	F1, F4	F
Chemical	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products Food Urine Blood (Plasma and Serum)	Cannabinoids: Δ 9-THC acetate Δ 9-THCA Δ 9-THCB Δ 9-THCH Δ 9-THCP Δ 9-THCVA	TP-400 TP-402 TP-401 TP-404	HPLC-PDA GC-MS/MS LC-MS/MS	F1, F4	F
Chemical	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Moisture Content	TP-205	Thermal Oven/Gravimetry	F1, F4	F
Chemical	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Water Activity	TP-204.0	Water Activity Meter	F1, F4	F



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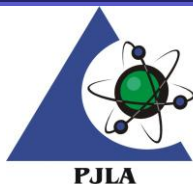
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Chemical	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Terpenes: α -Pinene Camphene Sabinene β -Myrcene β -Pinene α -Phellandrene 3-Carene α -Terpinene Limonene Ocimene Eucalyptol γ -Terpinene Terpinolene Sabinene Hydrate Linalool Fenchone Fenchyl Alcohol Isopulegol Camphor Isoborneol Hexahydrothymol (Menthol) (+)-Borneol α -Terpineol γ -Terpineol Nerol Geraniol Pulegone Geranyl Acetate α -Cedrene β -Caryophyllene	TP-410	GC-MS	F1, F4	F



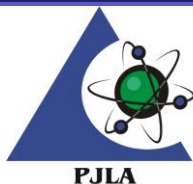
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Chemical	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Terpenes: α -Humulene Valencene cis-Nerolidol trans-Nerolidol Guaiol Caryophyllene Oxide Cedrol α -Bisabolol	TP-410	GC-MS	F1, F4	F
Chemical	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Metals: Arsenic Cadmium Mercury Lead Nickel Palladium Platinum Rhodium Ruthenium	TP-403	ICP-MS	F1, F4	F
Chemical	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Residual Solvents: 1,2-Dichloroethane 1,2-Dimethoxyethane 1,4-Dioxane 1-Butanol 1-Pentanol 1-Propanol 2,2-Dimethylbutane 2,2-Dimethylpropane 2,3-Dimethylbutane 2-Butanol 2-Butanone	TP-407	HS-GC-MS	F1, F4	F



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Chemical	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Residual Solvents: 2-Ethoxyethanol 2-Methylbutane 2-Methylpentane 3-Methylpentane Acetone Acetonitrile Benzene Butane Chloroform Cyclohexane Dimethyl Sulfoxide Ethanol Ethyl Acetate Ethyl Ether Ethylbenzene Ethylene Glycol Ethylene Oxide Heptane Isobutane Isopropyl Acetate Isopropyl Alcohol Isopropylbenzene (Cumene) Methanol Methylene Chloride N, N-Dimethylacetamide N, N-Dimethylformamide n-Hexane n-Pentane n-Propane Pyridine	TP-407	HS-GC-MS	F1, F4	F



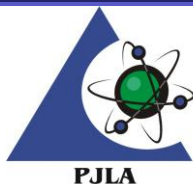
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Chemical	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Residual Solvents: Tetrahydrofuran Tetramethylene Sulfone Toluene Trichloroethylene Xylenes (o-, m-, and p-)	TP-407	HS-GC-MS	F1, F4	F
Chemical	Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Mycotoxins: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A	TP-408	LC-MS/MS	F1, F4	F
Chemical	Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Pesticides: Abamectin Acephate Acequinocyl Acetamiprid Aldicarb Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran Chloranthraniliprole Chlorfenapyr chlormequat chloride Chlorpyrifos Clofentezine Coumaphos cypermethrin	TP-408	LC-MS/MS	F1, F4	F



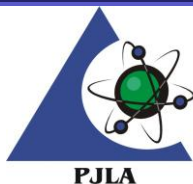
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Chemical	Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Pesticides: Daminozide Diazinon Dichlorvos Dimethoate Dimethomorph Ethoprophos Etofenprox Etoxazole Fenhexamid Fenoxycarb Fenpyroximate Fipronil Flonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim methyl Malathion Metalaxyl Methiocarb Methomyl Mevinphos Myclobutanil Naled Oxamyl Paclobutrazol Permethrins Phosmet Piperonyl Butoxide	TP-408	LC-MS/MS	F1, F4	F



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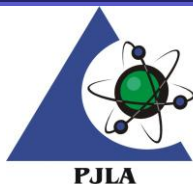
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Chemical	Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Pesticides: Prallethrin Propiconazole Propoxur Pyrethrins Pyridaben Spinetoram Spinosad Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	TP-408	LC-MS/MS	F1, F4	F
Chemical	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Pesticides: Captan Chlordane Cyfluthrin Methyl Parathion Pentachloronitrobenzene (PCNB)	TP-409	GC-MS/MS	F1, F4	F
Chemical	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Vitamin E Acetate	TP-409	GC-MS/MS	F1, F4	F
Biological	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products Food Environmental	Aerobic Plate Count Enterobacteriaceae (bile tolerant gram negative (BTGN) Generic <i>E. coli</i> Total Coliforms Total Yeast and Mold	AOAC 2015.13 NF EN ISO 21528-2 AOAC 2018.13 AOAC 2014.05	Petrifilm	F1, F2	F



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Biological	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products Food Environmental Water	Enterohemorrhagic <i>E. coli</i> (EHEC) (STEC) <i>Listeria monocytogenes</i> <i>Listeria spp.</i> <i>Salmonella spp.</i> <i>Aspergillus flavus</i> <i>Aspergillus fumigatus</i> <i>Aspergillus niger</i> <i>Aspergillus terreus</i>	AOAC 2020.06 AOAC 2019.11 AOAC 2019.10 AOAC 2020.02 AOAC 022202 AOAC PTM 022103	PCR	F1, F2	F
Biological	Water	<i>E. coli</i> Total Coliforms	SM 9223 B	Colilert	F1, F2	F
Non-Destructive	Cannabis Plant Materials Cannabis Concentrates Cannabis Oils Cannabis-Infused Products	Filth and Foreign Material	TP-212.0	Visual	F1, F4	F

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