



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Universal Diagnostics

673 N. Bardstown Road, Mount Washington KY 40047

(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 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

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

Initial Accreditation Date:

June 4, 2021

Issue Date:

June 4, 2021

Expiration Date:

July 31, 2023

Accreditation No.:

113856

Certificate No.:

L21-356

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

Universal Diagnostics

673 N. Bardstown Road, Mount Washington KY 40047

Contact Name: Daniel Burriss Phone: 423-580-2315

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 Plant Material/ Marijuana Infused Products Cannabis Extracts Hemp Plant Material and Extracts	Terpene Analysis: Alpha-Cedrene Alpha-Humulene Alpha-Pinene Alpha-Terpinene Beta-Myrcene Beta-Pinene Borneol Camphene Camphor Caryophyllene Oxide Cedrol Alpha-Bisabolol Isopulegol Cis-Nerolidol 3-Carene Fenchyl Alcohol Hexahydrothymol Eucalyptol Isoborneol Fenchone Gamma-Terpinene Geraniol Geranyl Acetate Guaiol Limonene Linalool Nerol Ocimene Alpha-Phellandrene Pulegone Sabinene Sabinene Hydrate Terpineol Terpinolene Transcaryophyllene Trans-Nerolidol Valencene	Universal Diagnostic Labs SOP SOP.KY.02.024 (GC-MS)	D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.01 % D.L. = 0.005 % D.L. = 0.01 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.01 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.01 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.01 % D.L. = 0.005 % D.L. = 0.01 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.01 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.01 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 % D.L. = 0.005 %



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Chemical ^F	Cannabis Plant Material/ Marijuana Infused Products Cannabis Extracts Hemp Plant Material and Extracts	Cannabinoids: CBC CBD CBDA CBDV CBG CBGA CBN D8-THC D9-THC THCA THCV	Universal Diagnostic Labs SOP SOP.KY.02.012 (HPLC)	D.L. = 0.001 % D.L. = 0.000 1 % D.L. = 0.001 % D.L. = 0.001 % D.L. = 0.001 % D.L. = 0.001 % D.L. = 0.001 % D.L. = 0.001 % D.L. = 0.000 1 % D.L. = 0.001 % D.L. = 0.001 %
		Heavy Metals Screening: Arsenic Cadmium Lead Mercury	Universal Diagnostic Labs SOP SOP.KY.02.020 (ICP-MS)	D.L. = 0.02 ppm D.L. = 0.02 ppm D.L. = 0.02 ppm D.L. = 0.02 ppm
		Residual Solvents: Benzene 2-Propanol Acetone Acetonitrile Butanes (N-Butane) Ethanol Ethyl Acetate Ethyl Ether n-Heptane n-Hexane Isobutane Methanol n-Pentane Propane Toluene Xylenes-M/P Xylenes-O	Universal Diagnostic Labs SOP SOP.KY.02.016 GC-MS	D.L. = 40 ppm D.L. = 40 ppm D.L. = 40 ppm D.L. = 40 ppm D.L. = 200 ppm D.L. = 40 ppm D.L. = 40 ppm D.L. = 40 ppm D.L. = 40 ppm D.L. = 40 ppm D.L. = 200 ppm D.L. = 40 ppm D.L. = 40 ppm D.L. = 40 ppm D.L. = 400 ppm D.L. = 40 ppm D.L. = 80 ppm D.L. = 40 ppm



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Chemical ^F	Cannabis Plant Material / Marijuana Infused Products / Cannabis Extracts Hemp Plant Material and Extracts	Pesticides: Abamectin B1a 0 Acephate Acequinocyl Acetamiprid Aldicarb 0 Azoxystrobin Bifenazate Bifenthrin Boscalid Carbaryl Carbofuran Chlorantraniliprole Chlorpyrifos Clofentezine Coumaphos Cypermethrin Ppm Daminozide Ppm Diazanon Dichlorvos Dimethoate Dimethomorph Ethoprophos Etofenprox Etoxazole Fenhexamid Fenoxycarb Fenpyroximate Fipronil 0 Flonicamid Fludioxonil Hexythiazox Imazalil Imidacloprid Kresoxim-Methyl Malathion Metalaxyl Methiocarb Methomyl Mevinphos Myclobutanil Naled Oxamyl Paclobutrazol Permethrins Phosmet Piperonyl Butoxide Prallethrin Propiconazole	Universal Diagnostic Labs SOP SOP.KY.02.022 LCMSMS Universal Diagnostic Labs SOP SOP.KY.02.023 GCMSMS	D.L. = 0.02 ppm D.L. = 0.01 ppm D.L. = 0.02 ppm D.L. = 0.01 ppm D.L. = 0.02 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.005 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.005 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.05 ppm D.L. = 0.01 ppm D.L. = 0.005 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.02 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.05 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.05 ppm D.L. = 0.01 ppm



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Chemical ^F	Cannabis Plant Material / Marijuana Infused Products / Cannabis Extracts Hemp Plant Material and Extracts	Pesticides: Propoxur Pyrethrin I Pyridaben Spinetoram Spinosad (Spinosyn A) Spinosad (Spinosyn D) Spiromesifen Spirotetramat 0 Spiroxamine Tebuconazole Thiacloprid Thiamethoxam	Universal Diagnostic Labs SOP SOP.KY.02.022 LCMSMS Universal Diagnostic Labs SOP SOP.KY.02.023 GCMSMS	D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.005 ppm D.L. = 0.005 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.02 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm D.L. = 0.01 ppm
		Mycotoxins: Aflatoxins G2 Aflatoxins G1 Aflatoxins B2 Aflatoxins B1 Ochratoxin A	Universal Diagnostic Labs SOP SOP.KY.02.022 LCMSMS	D.L. = 0.001 ppm D.L. = 0.001 ppm D.L. = 0.001 ppm D.L. = 0.001 ppm D.L. = 0.001 ppm
Microbiological ^F		Aspergillus_Terreus_1j2 Aspergillus Niger Aspergillus_Fumigatus Aspergillus_Flavus Salmonella_Specific_Gene Escherichia_Coli_Shigella_Spp	Universal Diagnostic Labs SOP SOP.KY.02.018 (PCR)	> 1 CFU > 1 CFU > 1 CFU > 1 CFU > 1 CFU > 1 CFU

- 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.