



PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Consumer Safety Analytics, LLC AKA CannaSafe
7027 Hayvenhurst Avenue, Van Nuys, CA 91406

(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

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

Initial Accreditation Date:

June 18, 2018

Revision Date:

November 20, 2021

Issue Date:

July 23, 2020

Accreditation No.:

73653

Expiration Date:

October 31, 2022

Certificate No.:

L20-427-R1

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

Consumer Safety Analytics, LLC AKA CannaSafe

7027 Hayvenhurst Avenue, Van Nuys, CA 91406
Contact Name: Antonio Frazier Phone: 818-922-2416

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	Marijuana Infused Products (MIPS)	Cannabinoids: CBC	SOP-101 (HPLC-DAD)	D.L. = 0.0213 mg/g
	Cannabis Concentrates	CBCA CBD		D.L. = 0.0221 mg/g D.L. = 0.0175 mg/g
	Cannabis Flower & Trim	CBDA CBDV CBDVA CBG CBGA CBN CBT D8THC D9THC THCA THCV THCVA		D.L. = 0.0133 mg/g D.L. = 0.0204 mg/g D.L. = 0.0238 mg/g D.L. = 0.0229 mg/g D.L. = 0.0187 mg/g D.L. = 0.0245 mg/g D.L. = 0.021 mg/g D.L. = 0.022 mg/g D.L. = 0.0207 mg/g D.L. = 0.0184 mg/g D.L. = 0.0242 mg/g D.L. = 0.0243 mg/g
Cannabis Flower, Marijuana Infused Products		Moisture Content	SOP-103 (moisture analyzer)	D.L. = 1 %
		Water Activity	SOP-102 (Meter)	0.003 a _w to 1 a _w
Cannabis Flower & Trim, Cannabis Concentrates, Marijuana Infused Products		Terpenes: Alpha Pinene Camphene Beta Myrcene Beta Pinene Delta-3-Carene Alpha Terpinene Limonene p-Cymene Ocimene Eucalyptol gamma-Terpinene Terpinolene Linalool Isopulegol Geraniol beta-Caryophyllene alpha-Humulene trans-Nerolidol Guaiol Caryophyllene Oxide alpha-Bisabolol	SOP-201 (GC/FID Headspace)	D.L. = 0.02 mg/g D.L. = 0.02 mg/g D.L. = 0.02 mg/g D.L. = 0.03 mg/g D.L. = 0.01 mg/g D.L. = 0.01 mg/g D.L. = 0.02 mg/g D.L. = 0.01 mg/g D.L. = 0.01 mg/g D.L. = 0.01 mg/g D.L. = 0.03 mg/g D.L. = 0.02 mg/g D.L. = 0.02 mg/g D.L. = 0.02 mg/g D.L. = 0.05 mg/g D.L. = 0.03 mg/g D.L. = 0.01 mg/g D.L. = 0.02 mg/g D.L. = 0.02 mg/g D.L. = 0.04 mg/g D.L. = 0.01 mg/g D.L. = 0.04 mg/g



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Chemical ^F	Cannabis Concentrates, Marijuana Infused Products	Residual Solvents: Propane Ethylene oxide Butane Methanol Pentane Ethanol Ether Acetone Isopropanol Acetonitrile Methylene Chloride Hexane Ethyl Acetate Chloroform Benzene 1,2-dichloroethane Heptane Trichloroethene Toluene m,p-Xylene o-Xylene	SOP-202 (GCMS Headspace)	D.L. = 42.44 µg/g D.L. = 0.3 µg/g D.L. = 35.32 µg/g D.L. = 149 µg/g D.L. = 28.08 µg/g D.L. = 14.96 µg/g D.L. = 16 µg/g D.L. = 9.19 µg/g D.L. = 19.79 µg/g D.L. = 17.49 µg/g D.L. = 0.11 µg/g D.L. = 33.99 µg/g D.L. = 12.8 µg/g D.L. = 0.21 µg/g D.L. = 0.09 µg/g D.L. = 0.08 µg/g D.L. = 42.11 µg/g D.L. = 0.06 µg/g D.L. = 23.99 µg/g D.L. = 46.79 µg/g D.L. = 18.7 µg/g



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Chemical ^F	Cannabis Flower & Trim, Cannabis Concentrates, Marijuana Infused Products, Soil	Pesticides: Acephate Acequinocyl Acetamiprid Aldicarb Abamectins Azoxystrobin Bifenazate Bifenthrin Boscalid Carbofuran Chlorantraniliprole Clofentezine Coumaphos Cyfluthrin Cypermethrin Daminozide Diazinon Dichlorvos Dimethoate Dimethomorph Ethoprophos Etofenprox Etoxazole Fenhexamid Fenoxycarb Fenpyroximate Fipronil Flonicamid Fludioxonil PS Hexythiazox Imazalil Imidacloprid Kresoxim methyl Malathion Metalaxyl Methiocarb Methomyl Mevinphos	SOP-301 (LC/MS/MS)	D.L. = 0.005 µg/g D.L. = 0.02 µg/g D.L. = 0.07 µg/g D.L. = 0.01 µg/g D.L. = 0.0009 µg/g D.L. = 0.02 µg/g D.L. = 0.01 µg/g D.L. = 0.03 µg/g D.L. = 0.02 µg/g D.L. = 0.008 µg/g D.L. = 0.009 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.01 µg/g D.L. = 0.01 µg/g D.L. = 0.05 µg/g D.L. = 0.01 µg/g D.L. = 0.008 µg/g D.L. = 0.008 µg/g D.L. = 0.003 µg/g D.L. = 0.01 µg/g D.L. = 0.02 µg/g D.L. = 0.03 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.02 µg/g D.L. = 0.007 µg/g D.L. = 0.01 µg/g D.L. = 0.02 µg/g D.L. = 0.008 µg/g D.L. = 0.005 µg/g D.L. = 0.02 µg/g D.L. = 0.01 µg/g D.L. = 0.08 µg/g D.L. = 0.01 µg/g D.L. = 0.01 µg/g D.L. = 0.004 µg/g



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Chemical ^F	Cannabis Flower & Trim, Cannabis Concentrates, Marijuana Infused Products, Soil	Pesticides: Myclobutanil Naled Oxamyl Paclobutrazol Permethrin Phosmet Piperonyl butoxide Prallethrin Propiconazole Propoxur Pyrethrin I & II Pyridaben Spinetoram Spinosads Spiromesifen Spirotetramat Spiroxamine Tebuconazole Thiacloprid Thiamethoxam Trifloxystrobin	SOP-301 (LC/MS/MS)	D.L. = 0.01 µg/g D.L. = 0.01 µg/g D.L. = 0.007 µg/g D.L. = 0.009 µg/g D.L. = 0.01 µg/g D.L. = 0.01 µg/g D.L. = 0.01 µg/g D.L. = 0.02 µg/g D.L. = 0.01 µg/g D.L. = 0.01 µg/g D.L. = 0.002 µg/g D.L. = 0.02 µg/g D.L. = 0.004 µg/g D.L. = 0.007 µg/g D.L. = 0.02 µg/g D.L. = 0.007 µg/g D.L. = 0.006 µg/g D.L. = 0.01 µg/g D.L. = 0.009 µg/g D.L. = 0.005 µg/g D.L. = 0.02 µg/g
		Pesticides: Captan Chlordane Chlorfenapyr Parathion-methyl Pentachloronitrobenzene	SOP-302 (GC/MS/MS)	D.L. = 0.04 µg/g D.L. = 0.006 µg/g D.L. = 0.005 µg/g D.L. = 0.009 µg/g D.L. = 0.008 µg/g
	Cannabis Flower & Trim	Mycotoxins: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2 Ochratoxin A	SOP-301 (LC/MS/MS)	D.L. = 0.004 µg/g D.L. = 0.009 µg/g D.L. = 0.006 µg/g D.L. = 0.003 µg/g D.L. = 0.01 µg/g
Cannabis Flower & Trim, Cannabis Concentrates, Marijuana Infused Products, Soil	Heavy Metals: Arsenic Cadmium Mercury Lead Aluminum Copper Nickel	SOP-503 SOP-502	D.L. = 0.02 µg/g D.L. = 0.03 µg/g D.L. = 0.02 µg/g D.L. = 0.002 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g	



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Chemical ^F	Cannabis Flower & Trim, Cannabis Concentrates, Marijuana Infused Products, Soil	Heavy Metals: Iron Phosphorous Barium Vanadium Boron Lithium Selenium Zinc Magnesium Silver Calcium Manganese Sodium Chromium Strontium Cobalt Molybdenum	SOP-502	D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g D.L. = 0.010 µg/g
	Manufactured Cannabis Products	dl-α-Tocopherol Acetate content	SOP-700, dl-α-Tocopherol Acetate Determination Using UHPLC	D.L. = 1 µg/mL
		MCT- Octanoic Acid MCT- Decanoic Acid MCT-Dodecanoic Acid Propylene Glycol Poly (Ethylene) Glycol	SOP-701, Analysis of MCT, PG and PEG using MS/MS	3.725 5 µg/mL to 12.427 µg/mL 2.409 8 µg/mL to 8.038 1 µg/mL 4.175 9 µg/mL to 13.0 µg/mL 3.326 7 µg/mL to 11.096 5 µg/mL 24.155 9 µg/mL to 80.6 µg/mL
Microbiological ^F	Cannabis Concentrates, Cannabis Flower & Trim, Marijuana Infused Products	Microbials: Salmonella E. Coli/STEC Aspergillus terreus Aspergillus niger Aspergillus fumigatus Aspergillus flavus	SOP-400 (PCR)	Presence/Absence
	Cannabis	Aerobic plate count, total yeast and mold, Enterobacteriaceae, E. Coli, Salmonella	3M Petrifilm Method	≥10 CFU/g
	Cannabis Flower	Gender Identification	SOP-400 (PCR)	Qualitative
Non-Destructive ^F	Cannabis Flower, Concentrates, Marijuana Infused Products	Contaminants (Foreign Matter)	SOP-001 (Visual Inspection)	



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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.

