



CERTIFICATE OF ANALYSIS

PRODUCT NAME: Certified Organic Joy Organics CBD FS Tincture - Key Lime
PRODUCT STRENGTH: 450 mg
FILL LOT NUMBER: NA
TINCTURE BATCH: 21167A
BEST BY DATE: 12/16/2022
HEMP EXTRACT LOT **B1211-001**

Click on the links to view third-party reports

Physical Attributes

Test	Method	Specification	Results
Color	SOP-100	Golden to Amber	PASS
Odor	SOP-100	Characteristic - Coconut and hemp, lime	PASS
Appearance	SOP-100	Golden to Amber oil in brown glass bottle with dropper.	PASS
Primary Package Eval.	SOP-132	Container clean and free of filth. Container caps tight and shrink bands intact	PASS
Secondary Package Eval.	SOP-132	Labeling Compliance Checked, Cartons sturdy and clean. Sufficient cushion material exists. Box taped and secure.	PASS

Review of Third-Party Analysis

Panel	Method	Specification	Results*	Pass/Fail
Potency - Total CBD	SOP-111	450-562.5 mg CBD LOQ**: 10 PPM† (0.001%)	465.7 mg	PASS
Potency - D9-THC	SOP-111	LOQ: 10 PPM (.001-0.3%)	.05%	PASS
Compliant Pesticide Panel	SOP-111	WIP-100008 : Product specification for Tinctures, Oregon Action limits apply	ND	PASS
Microbial - Stec E.Coli	SOP-111	Complies with USP 61/62	Below LOQ	PASS
Microbial - Salmonella	SOP-111	Complies with USP 61/62	Below LOQ	PASS
Microbial - Yeast and Mold	SOP-111	Complies with USP 61/62	Below LOQ	PASS
CA Compliant Heavy Metal Panel	SOP-111	Arsenic (As): ≤1.5 PPM Cadmium (Cd): ≤0.5 PPM Mercury (Hg): ≤1.0 PPM Lead (Pb): ≤0.5 PPM	ND	PASS

**Level of Quantitation, † Parts Per Million

Quality Certified

 Kayla Kolber
 Quality Assurance Technician

07/14/21

Date



B1211-001

7USC1639 Certificate of Analysis

sample ID 25408

Stillwater Laboratories

certificate ID OMN52

total cannabinoids 510.4mg per 30mL
THC± 15.1mg CBD± 465.7mg

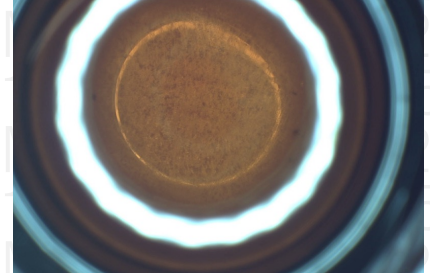
order 9236

analysis date 12/15/2020 4:57:23 PM

test tag B1211-001

sample wgt 1.0 g

7USC1639 Infused



Inspection MSP-7.5.1.2

DESCRIPTION: Tincture sample (1.00g) received in a client-labeled bottle, by commercial courier. Labeled 25408 and sample tag B1211-001.

Potency per 30mL

Table with columns: Compound, Amount, LOD, LOQ, error (95%CI k=2). Rows include tetrahydrocannabinolic acid (THCa), Δ9-tetrahydrocannabinol (Δ9 THC), Δ8-tetrahydrocannabinol (Δ8 THC), tetrahydrocannabivarin (THCv), cannabidiolic acid (CBDA), cannabidiol (CBD), cannabidivarin (CBDv), cannabigerolic acid (CBGa), cannabigerol (CBG), cannabinal (CBN), and cannabichromene (CBC).

± = decarbed NT = not tested NL = no limit, ND = not detected, LOD = detection limit, LOQ = quantitation limit

Large table with columns: Microbial, Solvents, Metals, Pesticides, Pesticides. Each column lists various substances and their test results (PASS, limit values).

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

Certified by:

Handwritten signature of Kyle Larson

Kyle Larson, MSc (Biology) Deputy Director

Stillwater Laboratories Inc. MT License L00001, 7, 8 6073 US93N Suite 5 Olney MT 59927 406-881-2019

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ISO/IEC 17025:2017



Certificate #4961.01



https://portal.a2la.org/scopepdf/4961-01.pdf

OFTKL450

Batch ID or Lot Number: 21167A	Test: Microbial Contaminants	Reported: 7/13/21	
Matrix: Finished Product	Test ID: T000150065	Started: 7/8/21	USDA License: NA
Status: NA	Methods: TM24, TM25, TM26, TM27	Received: 07/07/2021 @ 12:56 PM	Sampler ID: NA

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	LOQ	Result	Notes
Total Aerobic Count*	TM-26 Culture Plating	10 ² CFU/gram	10 ³ CFU/gram	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/gram	10 ² CFU/gram	None Detected	
Total Yeast and Molds*	TM-24 Culture Plating	10 ¹ CFU/gram	10 ² CFU/gram	None Detected	
E. coli (STEC)	TM-25 PCR	1 CFU/25 grams	NA	Absent	
Salmonella	TM-25 PCR	1 CFU/25 grams	NA	Absent	

	Sarah Henning 13-Jul-21 10:30 AM		Courtney Richards 13-Jul-21 3:19 PM
PREPARED BY / DATE		APPROVED BY / DATE	

Definitions

CFU/g = Colony Forming Units per Gram

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

 Examples:
 10² = 100 CFU
 10³ = 1,000 CFU
 10⁴ = 10,000 CFU
 10⁵ = 100,000 CFU


Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



Certificate #4329.02