



CERTIFICATE OF ANALYSIS

PRODUCT NAME: Certified Organic CBD FS Tincture - Tropical
PRODUCT STRENGTH: 1350 mg
FILL LOT: B1211-003
TINCTURE BATCH: 21180A
BEST BY DATE: 12/29/2022
HEMP EXTRACT LOT NA

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, tropical.	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	1350-1687.5 mg CBD LOQ**: 10 PPM† (0.001%)	1368.1 mg	PASS
Potency - D9-THC	SOP-111	LOQ: 10 PPM (0.001%-0.3%)	.16%	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

07/06/2021

Date



B1211-003

7USC1639 Certificate of Analysis

sample ID 25407

Stillwater Laboratories

certificate ID OMN50

total cannabinoids 1502.7mg per 30mL
THC± 45.0mg CBD± 1368.1m

order 9236

7USC1639 Infused

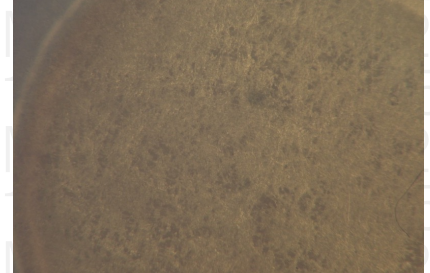
analysis date 12/15/2020 4:57:23 PM

test tag 9236.3.4

sample wgt 1.0 g

Inspection MSP-7.5.1.2

DESCRIPTION: Tincture sample (1.00g) received in a client-labeled bottle, by commercial courier. Labeled 25407 and sample tag 9236.3.4.



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. Each column contains a list of substances and their test results (PASS, FAIL, etc.) with associated limits.

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

certificate ID
1GA40

OFTT1350

7USC1639 Certificate of Analysis

21180A

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order 11189



Stillwater
Laboratories



Microbial	MSP-7.5.1.10	limit	LOD	LOQ	error	result
E.coli	ND	OCFU	0.010.11	±0.1CFU		PASS
Salmonella sp.	ND	OCFU	0.010.11	±0.1CFU		PASS
molds	ND	10000CFU	1.715.11	±5.1CFU		PASS

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Certified by:

Kyle Larson, MSC
Deputy Director



<https://customer.a2la.org/index.cfm?event=directory.detail&labPID=423635B2-5128-4C6F-871A-419DCF43B0D7>

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406-881-2019

INSTRUMENTS: Potency by HPLC (LC2030C-JV), solvents and terpenes by GCMS (QP2020/HS20), pesticides and mycotoxins by LCMSMS (LC8060), microbial by qPCR (AriaMx) and plating (Hardy Diagnostics), metals by ICPMS (ICPMS-2030)

• All testing was completed onsite at 6073 US93N, Olney MT • Potency (cannabinoid concentration) is calculated as: [cannabinoid] = [cannabinoid]_{HPLC} x volume_{dilution}/M_{dry} ••• Decarboxyted cannabinoid concentration is calculated XXX_{total} = 0.877 x XXX_A + XXX ••• Standards are used to calibrate the resulting data and estimate error using a standard estimate of error method; LOD is the limit of detection (3.3s), LOQ is the limit of quantification (3xLOD), and experimental error is calculated from weighing, dilution, and interpolation error using the formula s_i² = Σ (d_i/d_i)² s_e² where i is the contributor to error. The 95% confidence range is calculated from: (concentration) ± t_{CL90} x S_p. Sampling error is not considered in error calculations. ND = not detected (< LOD), NT = not tested, NL = no limit, NA = not applicable. ‡ = decarbed

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