



# CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Certified Organic CBD FS Tincture - Tropical  
**PRODUCT STRENGTH:** 450 mg  
**FILL LOT NUMBER:** NA  
**TINCTURE BATCH:** 21175A  
**BEST BY DATE:** 12/24/2022  
**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, 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
<b>Potency - Total CBD</b>	SOP-111	450-562.5 mg CBD LOQ**: 10 PPM† (0.001%)	<b>465.7 mg</b>	PASS
<b>Potency - D9-THC</b>	SOP-111	LOQ: 10 PPM (.001-0.3%)	<b>.05%</b>	PASS
<b>Compliant Pesticide Panel</b>	SOP-111	WIP-100008 : Product specification for Tinctures, Oregon Action limits apply	<b>ND</b>	PASS
<b>Microbial - Stec E.Coli</b>	SOP-111	Complies with USP 61/62	<b>Below LOQ</b>	PASS
<b>Microbial - Salmonella</b>	SOP-111	Complies with USP 61/62	<b>Below LOQ</b>	PASS
<b>Microbial - Yeast and Mold</b>	SOP-111	Complies with USP 61/62	<b>Below LOQ</b>	PASS
<b>CA Compliant Heavy Metal Panel</b>	SOP-111	Arsenic (As): ≤1.5 PPM Cadmium (Cd): ≤0.5 PPM Mercury (Hg): ≤1.0 PPM Lead (Pb): ≤0.5 PPM	<b>ND</b>	PASS

\*\*Level of Quantitation, † Parts Per Million

Quality Certified

*Kayla Kolber* 07/02/21  
 Kayla Kolber \_\_\_\_\_  
 Quality Assurance Technician 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

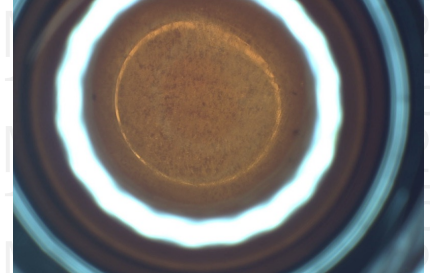
order 9236

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 4 columns: Compound Name, Amount, LOD, LOQ, and error (95%CI k=2). Lists various cannabinoids and their concentrations.

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

Large table with 8 columns: Microbial, Solvents, Metals, Pesticides (left), Pesticides (right), and their respective limits. Includes 'PASS' status for many items.

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  
**1FX01**

**OFTT450**

# 7USC1639 Certificate of Analysis

21175A

rec'd 6/29/2021 12:23:08 PM

order 11159



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	1.915.81	±5.8CFU		PASS

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

Certified by:

Kyle Larson, MSC  
Deputy Director

Jacob Harris  
QA Manager



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

**Stillwater Laboratories Inc.**  
MT License L0001, L00007  
6073 US93N Suite 5, Olney MT 59927  
406-881-2019

INSTRUMENTS: Potency by HPLC (LC2030C-UV), 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:  $[\text{cannabinoid}] = [\text{cannabinoid}]_{\text{HPLC}} \times \text{volume}_{\text{dilution}} / \text{M}_{\text{dry}}$  • Decarboxyted cannabinoid concentration is calculated  $\text{XXX}_{\text{total}} = 0.877 \times \text{XXXa} + \text{XXX}$  • 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  $s_e^2 = \sum (\partial f / \partial i)^2 s_i^2$  where i is the contributor to error. The 95% confidence range is calculated from: (concentration)  $\pm t_{\text{CL},90} \times s_e$ . 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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