

# CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Certified Organic CBD Tincture - Mint  
**PRODUCT STRENGTH:** 900 mg  
**FILL LOT NUMBER:** NA  
**TINCTURE BATCH** 21074A  
**BEST BY DATE:** 09/15/2022  
**HEMP EXTRACT LOT** [C0210-001](#)

\*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 - Olive and hemp, minty	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	900-1,125 mg CBD LOQ** : 10 PPM† (0.001%)	<b>1000.1mg</b>	PASS
<b>Potency - D9-THC</b>	SOP-111	None Detected LOQ: 10 PPM (0.001%)	<b>ND</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 LOD</b>	PASS
<b>Microbial - Salmonella</b>	SOP-111	Complies with USP 61/62	<b>Below LOD</b>	PASS
<b>Microbial - Yeast and Mold</b>	SOP-111	Complies with USP 61/62	<b>Below LOD</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 *Kei Horikawa* 03/24/2021  
 Kei Horikawa Date  
 Quality Control Manager



C0210-001

7USC1639 Certificate of Analysis

sample ID 25868

total cannabinoids 1056.4mg per 30mL

This Product Has Been Tested and Complies with 7USC1639(1)

Stillwater Laboratories

certificate ID 1BK54

THC total ND CBD total 1000.1m terpenes

order 9818

analysis date 2/12/2021 12:15:22 PM

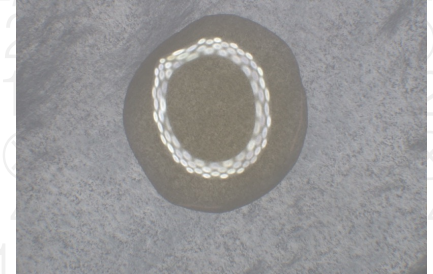
test tag 9818.1

sample wgt

Inspection MSP-7.5.1.2

DESCRIPTION: Oil sample received in a client-labeled bottle, by commercial courier. Labeled 25868 and sample tag 9818.1.

- caryophyllene
humulene
terpinolene
ocimene
beta pinene
alpha pinene
limonene
myrcene
linalool



MIP

Potency per 30mL

MSP-7.5.1.4 LOD LOQ error (95%CI k=2)

Table with 4 columns: Compound, Result, LOD, LOQ, Error. Rows include tetrahydrocannabinolic acid (THCa), delta-9-tetrahydrocannabinol (delta 9 THC), delta-8-tetrahydrocannabinol (delta 8 THC), tetrahydrocannabivarin (THCv), cannabidiolic acid (CBDa), cannabidiol (CBD), cannabidivarin (CBDv), cannabigerolic acid (CBGa), cannabigerol (CBG), cannabinal (CBN), and cannabichromene (CBC).

Terpenes

MSP-7.5.1.6

MSP-7.5.1.6

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

Microbial

MSP-7.5.1.10 limit

Metals

MSP-7.5.1.11 limit

Pesticides

MSP-7.5.1.8 limit

Pesticides

MSP-7.5.1.8 limit

Large table with 5 main sections: Microbial, Metals, Pesticides, Solvents, and another Pesticides section. Each section lists various substances and their test results (PASS, FAIL, etc.) against specific limits.

INSTRUMENTS
potency: HPLC (LC2030C-UV)
terpenes: GCMS (QP2020/HS20)
solvents: GCMS (QP2020/HS20)
pesticides: LCMSMS (LC8060)
mycotoxins: LCMSMS (LC8060)
microbial: qPCR (AriaMx) and plating
metals: ICPMS (ICPMS-2030)

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

Certified by:

[Signature]

Kyle Larson, MSc (Biology)
Deputy Director

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6073 US93N Suite 5
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406-881-2019

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ISO/IEC 17025:2017



Certificate #4961.01

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

certificate ID  
**1CR48**

**OTM900**

Lot# 21074A

rec'd 3/19/2021 12:16:47 PM

order 10156

# R Certificate of Analysis



Stillwater  
Laboratories



### Microbial

MSP-7.5.1.10	limit	LOD	LOQ	error	result
E.coli	ND	NL	0.010.11	±0.1CFU	NA
Salmonella sp.	ND	NL	0.010.11	±0.1CFU	NA
molds	ND	NL	1.715.01	±5.0CFU	NA
Ochratoxin A	ND	NL	0.310.91	±0.9 ppb	NA
Aflatoxin B1B2G1G2	ND	NL	0.310.91	±0.9 ppb	NA

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

Certified by:

QA Manager

ISO/IEC 17025:2017

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)



Certificate #4961.01

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

Justin M Johnston  
Deputy Director

Jacob Harris

**Stillwater Laboratories Inc.**  
MT License L0001, L00007  
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406-881-2019

• All testing was completed onsite at 6073 US93N, Olney MT • Potency (cannabinoid concentration) is calculated as: [cannabinoid] = [cannabinoid]<sub>HPLC</sub> × volume<sub>dilution</sub>/M<sub>dry</sub> ••• Decarboxyted cannabinoid concentration is calculated XXX<sub>total</sub> = 0.877 × XXX<sub>A</sub> + 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<sub>i</sub><sup>2</sup> = Σ (d<sub>i</sub>/d<sub>i</sub>)<sup>2</sup> s<sub>e</sub><sup>2</sup> where i is the contributor to error. The 95% confidence range is calculated from: (concentration) ± t<sub>CL90</sub> × s<sub>g</sub>. 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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