

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Certified Organic CBD Tincture - Lemon
PRODUCT STRENGTH: 450 mg
FILL LOT NUMBER: NA
TINCTURE BATCH 21047B
BEST BY DATE: 08/16/2022
HEMP EXTRACT LOT*: **B1019-001**

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	Coconut and hemp, lemon	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%)	471.3 mg	PASS
Potency - D9-THC	SOP-111	None Detected LOQ: 10 PPM (0.001%)	ND	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 Kei Horikawa 03/01/2021
 Kei Horikawa Date
 Quality Control Manager



B1019-001

7USC1639 Certificate of Analysis

sample ID 24999
retention ID 24999

analysis : 10/22/2020 12:01:11 PM

This Product Has Been Tested and Complies with 7USC1639o(1)

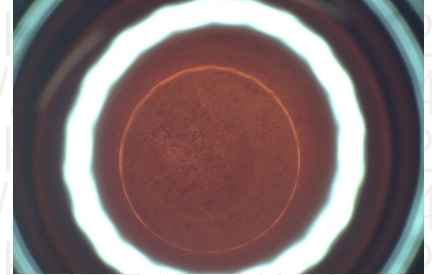
Stillwater Laboratories

certificate ID OKR44

total cannabinoids 484.4mg per 30 mL
THC‡ ND CBD‡ 471.3mg

order 8689
received 10/22/2020 12:01:11 PM
test tag
sample wgt 15.0 g

7USC1639 Infused



Inspection MSP-7.5.1.2

DESCRIPTION: Oil sample (15.00g) received in a client-labeled bottle, by commercial courier. Labeled 24999.

Potency per 30 mL

Table with columns for compound name, concentration, and error margin. Includes tetrahydrocannabinolic acid (THCa), Δ9-tetrahydrocannabinol (Δ9 THC), Δ8-tetrahydrocannabinol (Δ8 THC), etc.

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

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

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

Certified by:

Signature of Justin M Johnston

Justin M Johnston
Deputy Director

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

Printed
10/27/2020 4:45 PM

The data in this report is the property of Stillwater Labs. The format, layout, and security features of this report are copyrighted by Stillwater Laboratories Inc. © 2020



ISO/IEC 17025:2017



Certificate #4961-01

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



This Product Has Been Tested and Complies with 7USC1639o(1) Definition of Hemp



ISO/IEC 17025:2017
ACCREDITED
Certificate #4961.01

Stillwater Laboratories

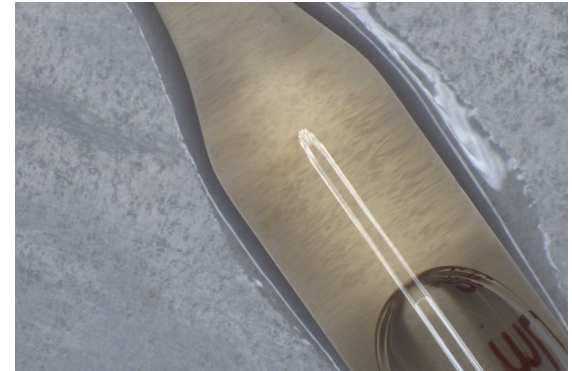
<https://portal.a2la.org/scopepdf/4961-01.pdf>

Lot# 21047B

Sample Handling

tincture

test ID **9886.1** sample wt
type tincture order **9886**
lab ID **1BR21** sample date 2/19/2021
unit unit weight



Methods

method	equipment
weights	MSP-7.3.1.3 AUX120.1
potency	MSP-7.5.1.5 LC-2030
terpenes	MSP-7.5.1.7 QP2020/HS20
pesticides	MSP-7.5.1.8 LC-8060
mycotoxins	MSP-7.5.1.8 LC-8060
microbial	MSP-7.5.1.1 AriaMx/Hardy
solvents	MSP-7.5.1.6 QP2020/HS20
metals	MSP-7.5.1.1 ICPMS2030

Potency	per	estimated error	Terpenes	%	estimated error	%	estimated error	%	estimated error
---------	-----	-----------------	----------	---	-----------------	---	-----------------	---	-----------------

not tested

terpenes
not tested / not required

Solvents	MT limit	1BR21	LOQ	Pesticides (MT)	MT limit	1BR21	LOQ	Pesticides (other)	1BR21	LOQ
----------	----------	-------	-----	-----------------	----------	-------	-----	--------------------	-------	-----

pesticides
not tested / not required

not tested /
not required

Toxic Metals	MT limit	1BR21	LOQ
--------------	----------	-------	-----

metals
not tested / not required

Microbial	MT limit	1BR21	LOQ
<i>E. coli</i>	10 CFU	0 CFU	<10 CFU/g
Salmonella sp.	10 CFU	0 CFU	<10 CFU/g
molds	10000 CFU	0 CFU	<10k CFU/g

Comments

• All testing was completed onsite at 6073 US93N, Olney MT • Potency (cannabinoid concentration) is calculated from the equation: [cannabinoid] = [cannabinoid]_{HPLC} x volume_{dilution}/m_{dry}. Terpene concentration is calculated from the equation: [terpene] = (terpene mass)_{GCMS} / m_{dry}. ••• Decarboxyted cannabinoid concentration is calculated from the equation 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; this is combined with error from weighing and dilution using the propagation of error formula s_g² = Σ(∂f/∂i)²s_i² where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) ± t_{CL90} x s_g. Sampling error is not

Certified by:

Kyle Larson, MSc (Biology)
Deputy Director
6073 US93N, Olney MT 59927
406-881-2019 rdb@stwlabs.com