

# CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** Certified Organic CBD Tincture - Orange  
**PRODUCT STRENGTH:** 1350 mg  
**FILL LOT NUMBER:** re  
**TINCTURE BATCH** E  
**BEST BY DATE:** □  
**HEMP EXTRACT LOT** [B1021-001](#)

\*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, orange	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	1350-1687.5 mg CBD LOQ** : 10 PPM† (0.001%)	<b>1428.5 mg</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>Below LOQ</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 Kei Horikawa 02/09/2021  
 Kei Horikawa Date  
 Quality Control Manager



B1021-001

7USC1639 Certificate of Analysis

Socati

sample ID 25013
retention ID 25013

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

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

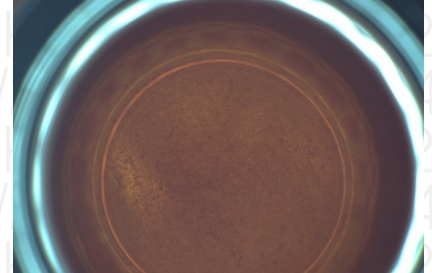
Stillwater Laboratories

certificate ID OKR48

total cannabinoids 1460.2mg per 30 mL
THC± ND CBD± 1428.5m

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 25013.

Potency per 30 mL

Table with columns for compound name, amount, and error (95%CI k=2). 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 entry includes a test result (e.g., PASS) and a limit value.

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 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 Socati and is administered by 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



ISO/IEC 17025:2017



Certificate #4961.01



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

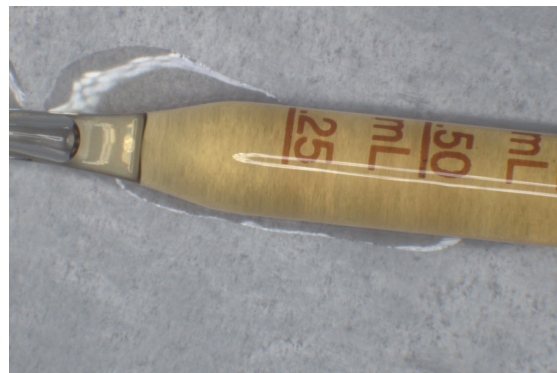
21034A

Sample Handling

test ID            sample date 2/5/21 1:53 PM  
 order 9752    labID 1BF51    weight  
 source

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-7.5.1.11	ICPMS2030

tincture



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

potency  
not tested

terpenes  
not tested / not required

Solvents	MT limit	1BF51	LOQ	Pesticides (MT)	MT limit	1BF51	LOQ	Pesticides (other)	1BF51	LOQ
----------	----------	-------	-----	-----------------	----------	-------	-----	--------------------	-------	-----

pesticides  
not tested / not required

not tested /  
not required

Toxic Metals	MT limit	1BF51	LOQ
--------------	----------	-------	-----

metals  
not tested / not required

Microbial	MT limit	1BF51	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]<sub>HPLC</sub> x volume<sub>dilution</sub> / m<sub>dry</sub>. Terpene concentration is calculated from the equation: [terpene] = (terpene mass)<sub>GCMS</sub> / m<sub>dry</sub>. ••• Decarboxyted cannabinoid concentration is calculated from the equation XXX<sub>total</sub> = 0.877 x XXX<sub>a</sub> + 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<sub>g</sub><sup>2</sup> = Σ (∂f/∂i)<sup>2</sup> s<sub>i</sub><sup>2</sup> where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) ± t<sub>CL90</sub> x s<sub>g</sub>. Sampling error is not

Certified by:

Justin M Johnston  
 Deputy Director  
 6073 US93N, Olney MT 59927  
 406-881-2019 rdb@stwlabs.com

Printed 2/8/2021 4:02 PM