CERTIFICATE OF ANALYSIS

PRODUCT NAME: Certified Organic CBD Tincture - Mint

 PRODUCT STRENGTH:
 1350 mg

 FILL LOT NUMBER:
 B1014-003

 TINCTURE BATCH:
 21070A

 BEST BY DATE:
 09/11/2022

 HEMP EXTRACT LOT
 NA

Click on the links to view third-party reports

Physical Atttributes

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
Potency - Total CBD	SOP-111	1350-1687.5 mg CBD LOQ**: 10 PPM† (0.001%) 1362.8 mg		PASS
Potency - D9-THC	SOP-111	None Detected LOQ: 10 PPM (0.001%)		PASS
Compliant Pesticide Panel	SOP-111	WIP-100008 : Product specification for Tinctures, Oregon Action limits apply		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 04/26/2021

Kei Horikawa Date

Quality Control Manager



certificate ID **0KR42**

B1014-003

sample ID 24964 retention ID 24964

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

total cannabinoids

1390.6mg

per 30 mL

THC‡

CBD‡ 1362.8m

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

7USC1639 Certificate of Analysis

Stillwater Laboratories

7USC1639 Infused

order 8689

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

test tag

sample wgt 15.0 g

Inspection MSP-7.5.1.2

DESCRIPTION: Oil sample (15.00g) received in a client-labeled bottle, by commercial courier. Labeled 24964.

Potency per 30 mL (95%Cl k=2) MSP-7.5.1.4 LOQ tetrahydrocannabolic acid (THCa) ND 0.16 | 0.49 | ±0.49mg ND 0.15 | 0.46 | ±0.46mg Δ9-tetrahydrocannabinol (Δ9 THC) Δ8-tetrahydrocannabinol (Δ8 THC) ND 0.21 | 0.62 | ±0.62mg 0.17 | 0.51 | ±0.51mg tetrahydrocannabivarin (THCv) ND cannabidiolic acid (CBDa) ND 0.14 | 0.42 | ±0.42mg cannabidiol (CBD) 1362.8mg 0.16 | 0.48 | ±23.33mg cannabidivarin (CBDv) 5.6mg 0.16 | 0.48 | ±0.58mg cannabigerolic acid (CBGa) ND 0.14 | 0.43 | ±0.43mg cannabigerol (CBG) 22.2mg 0.17 | 0.52 | ±0.90mg ND cannabinol (CBN) 0.09 | 0.26 | ±0.26mg cannabichromene (CBC) ND 0.16 | 0.48 | ±0.48mg

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

Microbial MS	SP-7.5.1.1	0 limit	Metals
			Arse Cadmi Le
Ochratoxin A Aflatoxin		20 ppb 20 ppb	Merc
Solvents	SP-7.5.1.7	limit	Pesticides
Acetone Acetonitrile Benzene Butane Chloroform Cyclohexane Ethanol Heptane Hexane Isopropyl alcohol Methanol Pentane Propane Toluene Xylenes	PASS PASS PASS PASS PASS PASS PASS PASS	5000 ppm 410 ppm 0 ppm 5000 ppm 0 ppm 10000 ppm 10000 ppm 290 ppm 5000 ppm 5000 ppm 5000 ppm 5000 ppm 5000 ppm 5000 ppm 5000 ppm	Abamee Aceph Acequinc Acetamip Aldic Azoxystro Bifenaz Bifenth Bosca Carbo Carbofu Chloantranilipr Chlorfena Chlorpyri Clofentez Coumapl
			Cyflut

Arsenic	PASS	1500 ppb
Cadmium	PASS	500 ppb
Lead	PASS	500 ppb
Mercury	PASS	300 ppb
.H42 🛇		
esticides	ISP-7.5.1.	8 limit
Abamectin	PASS	0.3 ppm
Acephate	PASS	5.0 ppm
Acequinocyl	PASS	4.0 ppm
Acetamiprid	PASS	5.0 ppm
Aldicarb	PASS	0.0 ppm
Azoxystrobin	PASS	40.0 ppm
Bifenazate	PASS	5.0 ppm
Bifenthrin	PASS	0.5 ppm
Boscalid	PASS	10.0 ppm
Carbaryl	PASS	0.5 ppm
Carbofuran	PASS	0.0 ppm
hloantraniliprole	PASS	40.0 ppm
Chlorfenapyr	PASS	0.0 ppm
Chlorpyrifos	PASS	0.0 ppm
Clofentezine	PASS	0.5 ppm
Coumaphos	PASS	0.0 ppm
Cyfluthrin	PASS	1.0 ppm
Cypermethrin	PASS	1.0 ppm

MSP-7.5.1.11 limit

Pesticides	MSP-7.5.1.8	limit	F
Daminozide	PASS	0.0 ppm	
Dichlorvos	PASS	0.0 ppm	
Diazinon	PASS	0.2 ppm	
Dimethoate	PASS	0.0 ppm	
Etoxazole	PASS	1.5 ppm	
Fenoxycarb	PASS	0.0 ppm	
Fenpyroximate	PASS	2.0 ppm	
Fipronil	PASS	0.0 ppm	
Flonicamid	PASS	2.0 ppm	
Fludioxonil	PASS	30.0 ppm	
Hexythiazox	PASS	2.0 ppm	
Imazalil	PASS	0.0 ppm	
Imidacloprid		3.0 ppm	
Malathion	/ \ / \ - 7	5.0 ppm	
Metalaxyl		15.0 ppm	
Methiocarb	PASS	0.0 ppm	
Methomyl	PASS	0.1 ppm	
Methyl parathion	PASS	0.0 ppm	
Mevinphos		0.0 ppm	
Myclobutanil		9.0 ppm	
Naled		0.5 ppm	
Oxamyl		0.2 ppm	
Paclobutrazol	PASS	0.0 ppm	
Permethrin	PASS	20.0 ppm	
Phosmet	PASS	0.2 ppm	

Pesticides	MSP-7.5.1.8	limit
Piperonylbutoxide	PASS	8.0 ppm
Prallethrin	PASS	0.4 ppm
Propiconazole	PASS	20.0 ppm
Propoxur	PASS	0.0 ppm
Pyrethrin	PASS	1.0 ppm
Pyridaben	PASS	3.0 ppm
Spinetoram	PASS	3.0 ppm
Spinosad	PASS	3.0 ppm
Spiromesifen	PASS	12.0 ppm
Spirotetramat	PASS	13.0 ppm
Spiroxamine	PASS	0.0 ppm
Tebuconazole	PASS	2.0 ppm
Thiacloprid	PASS	0.1 ppm
Thiamethoxam	PASS	4.5 ppm
Trifloxystrobin	PASS	30.0 ppm

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

Justin M Johnston Deputy Director

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

10/27/2020 4:45 PM

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

certificate ID

1DU77

OTM1350

Lot#21070A

rec'd 4/23/2021 11:05:47 AM

order 10559

pe

7USC1639 Certificate of Analysis

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



per

Microbial	MSP-7.5.1.10	limit	LOD	LOQ	error	result
E.coli Salmonella sp. molds	ND ND ND	0CFU 0CFU 10000CFU	0.	0 0.1	±0.1CFU ±0.1CFU ±5.6CFU	PASS PASS PASS

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

Certified by:

Kyle Larson, MSc Deputy Director Josephanie

Jacob Harris QA Manager PFC

ISO/IEC 17025:2017

ACCREDITED

Certificate #4961.01

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

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 calcuated as: [cannabioid] = [cannabinoid]_{HPLC} x volume_diulion/Mrdy. ••• Decarboxyted cannabinoid concentration is calculated XXX_bust = 0.877 x XXXa + 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,i), LOQ is the limit of quantification (3xLOD), and experimental error is calculated from weighing, dilution, and interpolation error using the formula $s_g^2 = \sum (\partial f/\partial i)^2 s_i^2$ where i is the contributor to error. The 95% confidence range is calculated from: (concentration) \pm t_{CL90} x s_g. Sampling error is not considered in error calculations. ND = not detected (< LOD), NT = not tested, NL = no limit, NA = not applicable. \ddagger = decarbed