CERTIFICATE OF ANALYSIS

PRODUCT NAME: Certified Organic CBD Tincture - Mint

 PRODUCT STRENGTH:
 2250 mg

 FILL LOT NUMBER:
 NA

 TINCTURE BATCH:
 21189A

 BEST BY DATE:
 01/08/2023

 HEMP EXTRACT LOT
 CO401-001

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	2250-2812.5 mg CBD LOQ**: 10 PPM† (0.001%)	2481.3 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 Kayla Kolber 07/19/2021

Kayla Kolber Date

Quality Assurance Technician



certificate ID

1DC08

C0401-001

7USC1639 Certificate of Analysis

source ID C0401-001 4/1/2021 man, date

2647.8mg per 30 mL cannabinoids

CBD total 2481,3m THC total

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

MIP

MSP-7.5 1.5

order 10310

analysis date 4/2/2021 12:32:01 PM

test tag S1CQC sample wgt 1.0 g

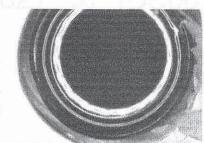
Inspection MSP-7.5 12

DESCRIPTION: Oil sample (1.00g) received in a client-labeled bottle, by commercial courier, 1 and sample tag S1COC.

caryophyllene humulene terpinolene ocimene beta pinene alpha pinene limonene myrcene linalool

MSF-7.5.1.8

Terpenes



Potency per 30 mL LOQ (95%CFk=2) MSP-7.5.1.4 LOD tetrahydrocannabolic acid (THCa) ND 0.36 | 1.08 | ±1.08ma Δ9-tetrahydrocannabinol (Δ9 THC) 0.34 [1.01] ±1.01mg ND Δ8-tetrahydrocannabinol (Δ8 THC) ND 0.45 | 1.36 | ±1.36mg tetrahydrocannabivarin (THCv) ND 0.38 | 1.13 | ±1.13mg cannabidiolic acid (CBDa) 36.7mg 0.31 | 0.93 | ±1.55mg 0.36 | 1.07 | ±42.23mg cannabidiol (CBD) 2444.5mg cannabidivarin (CBDv) 0.35 | 1.06 | ±1.16mg 5.7mg 0.32 | 0.95 | ±0.95mg cannabigerolic acid (CBGa) ND cannabigerol (CBG) 160.9mg 0.10 | 0.30 | ±3.01mg cannabinol (CBN) 0.19 | 0.58 | ±0.58mg ND cannabichromene (CBC) ND 0.35 | 1.06 | ±1.06mg

I = decarbed NT = not tested NL = no limit, ND = not detected, LOD = detection limit , LOO = quantitation limit

Microbial N	1SP-7.5.1.1	o limit	Metals	SP-7.5.1.1	i limit	Pesticides	MSP-7.5.1.8) limit	Pesticides	MSP-7.5.1	8 limit
E.coli	PASS	0CFU	Arsenic	PASS	1500 ppb	Abamectin	PASS	0.30 ppm	Fipronil	PASS	0.00 ppm
Salmonella sp.	PASS	0CHU	Cadmium	PASS	500 ppb	Acephate	PASS	5.00 ppm	Flonicamid	PASS	2.00 ppm
molds	PASS	10000CFU	Lead	PASS	500 ppb	Acequinocyl	PASS	4.00 ppm	Fludioxonil	PASS	30.00
Ochratoxin A	PASS	20 ppb	Mercury	PASS	300 ppb	Acetamiprid	PASS	5.00 ppm	Hexythiazox	PASS	2700 ppm
Aflatoxin						Aldicarb	PASS	0.00 ppm	Imazalil	PASS	0.00 ppn
		The state of the s	the state of the top			Azoxystrobin	PASS	40.00	Imidacloprid	PASS	3.00 ppm
Solvents	18P-7.5.1.7	imit	Pesticides	1SP-7.5.1.	3 limit	Bifenazate	PASS	5.00 ppm	Malathion	PASS	5.00 ppm
Acetone	PASS	5000 ppm	Permethrin	PASS	20.00 ppm	Bitenthrin	PASS	0.50 ppm	Metalaxyl	PASS	15.00
Acetonitrile	PASS	410 ppm	Phosmet	PASS	0.20 ppm	Boscalid	PASS	10,00	Methiocarb	PASS	0.00 ppm
Benzene	PASS	0 ppm	Piperonylbutoxide	PASS	8.00 ppm	Carbaryl	PASS.	0.330 ppm	Methomyl	PASS	0.10 ppn
		5000 ppm	Prallethrin			Carbofuran	PASS	0.00 ppm	Methyl parathion	PASS	0.00 ppn
Chloroform			Propiconazole	PASS	20.00 ppm	Chloantraniliprole	PASS	40.00	Mevinphos	PASS	0.00 ppn
Cyclohexane			Propoxur			Chlorfenapyr	PASS	0.00 ppm	Myclobutanil	PASS	9 00 ppn
Ethanol	PASS	10000 ppm	Pyrethrin			Chlorpyrifos	PASS	0.00 ppm	Naled	PASS	0.50 ppn
Heptane			Pyridaben		3.00 ppm	Clofentezine	PASS	0.50 ppm	Oxamyi	PASS	0.20 ppn
Hexane	PASS	290 ppm	Spinetoram	PASS	3.00 ppm	Coumaphos	PASS	0.00 ppm	Paclobutrazol	PASS	0.00 ppn
Isopropyl alcohol		5000 ppm	Spinosad		3.00 ppm	Cyfluthrin	PASS	1.00 ppm	Permethrin	PASS	20.00
Methanol		3000 ppm	Spiromesifen		12.00 ppm	Cypermethrin	PASS	1.00 ppm	AND DESCRIPTION OF A STREET		
Pentane		5000 ppm	Spirotetramat			Daminozide	PASS	0.00 ppm	potency: HPLC (LC	VIL DOSOC	100
Propane		5000 ppm	Spiroxamine			Dichlorvos	PASS	0.00 ppm	temenes GCMS (C		

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

0.10 ppm

4.50 ppm

30.00 ppm

Certified by

Toluene PASS

Xylenes PASS

890 ppm

2170 ppm

Justin M Johnston Deputy Director

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

Tebuconazole PASS 2.00 ppm

Thiacloprid PASS

Thiamethoxam PASS

Trifloxystrobin PASS

4/6/2021 11:21 AM

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0.20 ppm

0.00 ppm

1.50 ppm

0.00 ppm

2.00 ppm

PASS

PASS

PASS

PASS

PASS

Diazinon

Dimethoate

Fenoxycarb

Fenpyroximate

Etoxazole





https://portal.a2ta.org/scopepdf/4961-01.pdf

solvents: GCMS (QF2020/HS20)

pesticides LCMSMS (LC8060)

mycotoxins: LCMSMS (LC8960)

microbial: qPCR (AneMx) and plating metals: ICPMS (ICPMS-2030)



Official Compliance: Colorado CERTIFICATE OF ANALYSIS

OTM2250

Batch ID or Lot Number: 21189A	Test: Microbial Contaminants	Reported: 7/17/21		
Matrix: Finished Product	Test ID: T000151602	Started: 7/14/21	USDA License: N/A	
Status: N/A	Methods: TM24, TM25, TM26, TM27: Microbial (Colorado Panel)	Received: 07/14/2021 @ 10:45 AM	Sampler ID: N/A	

MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LOQ	Result
Total Aerobic Count*	TM-26, Culture Plating	10^2 CFU/gram	10^3 CFU/gram	None Detected
Total Coliforms*	TM-27, Culture Plating	10^1 CFU/gram	10^2 CFU/gram	None Detected
Total Yeast and Molds*	TM-24, Culture Plating	10^1 CFU/gram	10^2 CFU/gram	None Detected
E. coli (STEC)	TM-25, PCR	1 CFU/25 grams	NA	Absent
Salmonella	TM-25, PCR	1 CFU/25 grams	NA	Absent

Notes Free from visual mold, mildew, and foreign matter

Robert Belfon 17-Jul-21 2:07 PM

Cauthy Richals

APPROVED BY / DATE

Courtney Richards 17-Jul-21 11:55 PM

PREPARED BY / DATE

Definitions

CFU/g = Colony Forming Units per Gram

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100 CFU$

10^3 = 1.000 CFU 10^4 = 10,000 CFU 10^5 = 100,000 CFU

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories,







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