CERTIFICATE OF ANALYSIS

PRODUCT NAME: Certified Organic CBD Tincture - Minty

 PRODUCT STRENGTH:
 450 mg

 FILL LOT NUMBER:
 201110A

 TINCTURE BATCH
 201117E

 BEST BY DATE:
 05/18/2022

 HEMP EXTRACT LOT
 B1014-001

Click on the links to view third-party reports

Physical Atttributes

| Test | Method | Specification | Results |
|---|---|---|---------|
| Color | SOP-100 | Golden to Amber | PASS |
| Odor | 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 | 450-562.5 mg CBD LOQ**: 10 PPM† (0.001%) | 481.2 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 | 6Yck @CE | PASS |
| Microbial - Salmonella | SOP-111 | Complies with USP 61/62 | 6Yck @CE | PASS |
| Microbial - Yeast and Mold | SOP-111 | Complies with USP 61/62 | 6Yck @CE | 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 11/25/20

Kei Horikawa Date

Quality Control Manager



total cannabinoids

16 mg per mL Δ9-THC **0.00 mg** CBD

16.04 mg

THCa total THC 0.00 mg CBDa total CBD

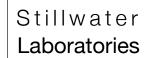
16.04 mg

0.00 mg

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







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

Lot# 201110A

Sample Handling

test ID type concentrate lab ID **0LJ59**

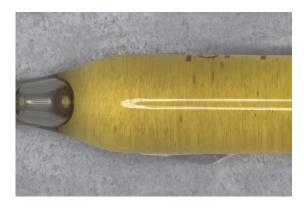
sample wt order 8900 sample date 11/12/2020 unit weight 0.9 g

unit mL unit weight

Methods method

| etnoas | 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 |

concentrate



| Potency per | mL | | estimated error | Terpenes | % | estimated error | % | estimated error | % | estimate |
|--|-------|----------|--------------------|---------------|----------|--------------------|-------|--------------------|-------|----------|
| tetrahydrocannabolic acid (THCa) | 0% | 0.00 mg | ± 0.02 mg | | | | | | | |
| Δ^9 -tetrahydrocannabinol (Δ^9 THC) | 0% | 0.00 mg | ± 0.02 mg | | | | | | | |
| Δ^{8} -tetrahydrocannabinol (Δ^{8} THC) | 0% | 0.00 mg | ± 0.02 mg | | | | | | | |
| tetrahydrocannabivarin (THCv) | 0% | 0.00 mg | ± 0.02 mg | terper | nes | | | | | |
| cannabidiolic acid (CBDa) | 0% | 0.00 mg | ± 0.02 mg | | | اد میانید میا د م | | | | |
| cannabidiol (CBD) | 1.69% | 16.04 mg | ± 0.03 mg | not te | sted / | not required | | | | |
| cannabidivarin (CBDv) | 0% | 0.00 mg | ± 0.02 mg | | | | | | | |
| cannabigerolic acid (CBGa) | 0% | 0.00 mg | ± 0.02 mg | | | | | | | |
| cannabigerol (CBG) | .03% | 0.26 mg | | | | | | | | |
| cannabinol (CBN) | 0% | 0.00 mg | | | | | | | | |
| cannabichromene (CBC) | 0% | 0.00 mg | ± 0.02 mg | | | | | | | |
| Solvents MT limit | 0LJ59 | LOQ | Pe | sticides (MT) | MT limit | 0LJ59 LOQ | Pesti | cides (other) | 0LJ59 | LOQ |

pesticides not tested / not required not tested / not required

Toxic Metals

MT limit

.159

LOQ

metals not tested / not required

Microbial

MT limit

0LJ59

LOQ

microbial not tested

Comments

Density = .9482g/mL

• All testing was completed onsite at 6073 US93N, Olney MT • Potency (cannabinoid concentration) is calcuated from the equation: [cannabioid] = [cannabinoid]_HPLC x volume_dilution/mdry. Terpene concentration is calcuated from the equation: [terpene] = (terpene mass)_GCMS / mdry. ••• Decarboxyted cannabinoid concentration is calculated from the equation XXX_total = 0.877 x XXXa + 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 $s_g{}^2 = \sum (\partial f/\partial i)^2 s_i{}^2$ where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) \pm tcl90 x sg. Sampling error is not

Certified by:

Kyle Larson, MSc (Biology)
Deputy Director

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



certificate ID **0KR38**

B1014-001

sample ID 24963 retention ID 24963

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

total cannabinoids

467.9mg

per 30 mL

CBD‡ 459.1mg THC‡

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

7USC1639 Certificate of Analysis

Stillwater Laboratories

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 24963.



| Potency per 30 mL | MSP-7.5.1.4 | LOD LOQ (95%Cl k=2) |
|---|---|---|
| tetrahydrocannabolic acid (THCa) Δ9-tetrahydrocannabinol (Δ9 THC) Δ8-tetrahydrocannabinol (Δ8 THC) tetrahydrocannabivarin (THCv) cannabidiolic acid (CBDa) cannabidiol (CBD) cannabidivarin (CBDv) cannabigerolic acid (CBGa) cannabigerol (CBG) cannabinol (CBN) cannabichromene (CBC) | ND ND ND ND ND 459.1mg 1.9mg ND 6.9mg ND ND | 0.17 0.51 ±0.51mg 0.16 0.48 ±0.48mg 0.22 0.65 ±0.65mg 0.18 0.54 ±0.54mg 0.15 0.44 ±0.44mg 0.17 0.51 ±8.23mg 0.17 0.51 ±0.54mg 0.15 0.45 ±0.45mg 0.18 0.55 ±0.67mg 0.09 0.28 ±0.28mg 0.17 0.51 ±0.51mg |
| | | |

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

| + = decarbed IVI = not lested IVE = no | iiiiiii, IND = 110 | r detected, LOB = detected | JII IIII , EC | o = quantitati | | | | | | |
|--|--------------------|----------------------------|---------------|----------------|-------------------|-------------|----------|-------------------|-------------|----------|
| Microbial MSP-7.5.1.10 | limit | Metals M | ISP-7.5.1.1 | 1 limit | Pesticides | MSP-7.5.1.8 | limit | Pesticides | MSP-7.5.1.8 | 8 limit |
| | | Arsenic | PASS | 1500 ppb | Daminozide | PASS | 0.0 ppm | Piperonylbutoxide | PASS | 8.0 ppm |
| | | Cadmium | PASS | 500 ppb | Dichlorvos | PASS | 0.0 ppm | Prallethrin | PASS | 0.4 ppm |
| | | Lead | PASS | 500 ppb | Diazinon | PASS | 0.2 ppm | Propiconazole | PASS | 20.0 ppm |
| Ochratoxin A PASS 20 | dqq 0 | Mercury | PASS | 300 ppb | Dimethoate | PASS | 0.0 ppm | Propoxur | PASS | 0.0 ppm |
| 1 \ / 7 / 7 1 \ - / \ / | 0 ppb | | | | Etoxazole | PASS | 1.5 ppm | Pyrethrin | PASS | 1.0 ppm |
| | | | | | Fenoxycarb | PASS | 0.0 ppm | Pyridaben | PASS | 3.0 ppm |
| Solvents MSP-7.5.1.7 | limit | Pesticides | /ISP-7.5.1.8 | 3 limit | Fenpyroximate | PASS | 2.0 ppm | Spinetoram | PASS | 3.0 ppm |
| Acetone PASS 50 | 000 ppm | Abamectin | PASS | 0.3 ppm | Fipronil Fipronil | PASS | 0.0 ppm | Spinosad | PASS | 3.0 ppm |
| Acetonitrile PASS 41 | 10 ppm | Acephate | PASS | 5.0 ppm | Flonicamid | PASS | 2.0 ppm | Spiromesifen | PASS | 12.0 ppm |
| Benzene PASS 0 | ppm | Acequinocyl | | 4.0 ppm | Fludioxonil | PASS | 30.0 ppm | Spirotetramat | PASS | 13.0 ppm |
| Butane PASS 50 | 000 ppm | Acetamiprid | PASS | 5.0 ppm | Hexythiazox | PASS | 2.0 ppm | Spiroxamine | PASS | 0.0 ppm |
| Chloroform PASS 0 | ppm | Aldicarb | PASS | 0.0 ppm | Imazalil | PASS | 0.0 ppm | Tebuconazole | PASS | 2.0 ppm |
| Cyclohexane PASS 0 | ppm | Azoxystrobin | PASS | 40.0 ppm | Imidacloprid | PASS | 3.0 ppm | Thiacloprid | PASS | 0.1 ppm |
| Ethanol PASS 10 | 0000 ppm | Bifenazate | PASS | 5.0 ppm | Malathion | PASS | 5.0 ppm | Thiamethoxam | PASS | 4.5 ppm |
| Heptane PASS 50 | 000 ppm | Bifenthrin | PASS | 0.5 ppm | Metalaxyl | PASS | 15.0 ppm | Trifloxystrobin | PASS | 30.0 ppm |
| Hexane PASS 29 | 90 ppm | Boscalid | PASS | 10.0 ppm | Methiocarb | PASS | 0.0 ppm | | | |
| Isopropyl alcohol PASS 50 | 000 ppm | Carbaryl | PASS | 0.5 ppm | Methomyl | PASS | 0.1 ppm | | | |
| Methanol PASS 30 | 000 ppm | Carbofuran | PASS | 0.0 ppm | Methyl parathion | PASS | 0.0 ppm | INSTRUMENTS | | |
| Pentane PASS 50 | 000 ppm | Chloantraniliprole | PASS | 40.0 ppm | Mevinphos | PASS | 0.0 ppm | potency: HPLC (LC | 2030C-UV) | 7/90 |
| Propane PASS 50 | 000 ppm | Chlorfenapyr | PASS | 0.0 ppm | Myclobutanil | PASS | 9.0 ppm | terpenes: GCMS (C | | |
| Toluene PASS 89 | | | | | | | 0.5 ppm | | | |

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

1.0 ppm

1.0 ppm

Certified by

Xylenes PASS

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

Clofentezine PASS 0.5 ppm

Coumaphos PASS 0.0 ppm

Cyfluthrin PASS

Cypermethrin PASS

10/27/2020 4:46 PM

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Oxamyl

Phosmet PASS

Paclobutrazol

Permethrin

PASS

PASS

PASS



0.2 ppm

0.0 ppm

20.0 ppm

0.2 ppm





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

pesticides: LCMSMS (LC8060)

metals: ICPMS (ICPMS-2030)

mycotoxins: LCMSMS (LC8060)

microbial: qPCR (AriaMx) and plating



Certificate of Analysis

Sample Information

CTLA ID: 23481

Date Received: 11/18/2020

Sample Name: ORG OEVOO BS 450 Mint Packaging

Lot Number: 201117E

Customer:

| Analysis | Method | MDL Specification | Result | Units |
|-----------------------|-------------|-------------------|----------|-------|
| Rapid Complete Micro | | | | |
| Total Plate Count | USP <2021> | 100 Report | <100 | cfu/g |
| Total Coliforms | BAM CH.4 | 10 Report | <10 | cfu/g |
| E. coli | USP <2022> | Report | Negative | |
| Salmonella | USP <2022> | Report | Negative | |
| Staphylococcus aureus | USP <2022> | Report | Negative | |
| Rapid Yeast and Mold | AOAC 997.02 | 10 Report | <10 | cfu/g |

11/23/2020

DATE

Juality Manager

Specifications provided by the Customer. Results with an asterisk (*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit.