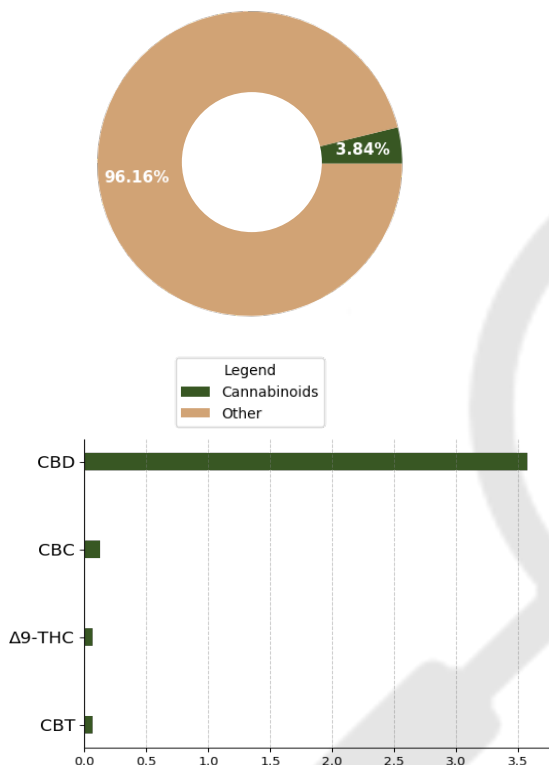


Original 1000mg/30ml

| | | | | | |
|---------------------|------------|------------------|------------|-------------------|------------------------|
| Batch ID: | 21T1032605 | Received: | 05/27/2021 | Analysis: | 18 Cannabinoid Potency |
| Sample Type: | Tincture | Analyzed: | 06/02/2021 | Method: | 2021.18P.01 |
| | | Test ID: | 644 | Equipment: | UHPLC |

CANNABINOID PROFILE
TOTAL CANNABINOID CONTENT


| Cannabinoid | LOD (%) | LOQ (%) | Result (%) | Result (mg/g) |
|-------------------------------------|----------|----------|-------------|---------------|
| Cannabidiol (CBD) | 5.85e-05 | 1.77e-04 | 3.58 | 35.77 |
| Cannabigerol (CBG) | 5.46e-05 | 1.66e-05 | ND | ND |
| Δ9-Tetrahydrocannabinol (Δ9-THC) | 4.87e-05 | 1.48e-04 | 0.07 | 0.69 |
| Cannabacitrin (CBT) | 5.03e-05 | 1.52e-04 | 0.07 | 0.67 |
| Cannabichromene (CBC) | 4.96e-05 | 1.50e-04 | 0.13 | 1.27 |
| Cannabinol (CBN) | 4.94e-05 | 1.50e-04 | ND | ND |
| Cannabicyclol (CBL) | 2.04e-05 | 6.19e-05 | ND | ND |
| Cannabicyclic acid (CBLA) | 3.88e-05 | 1.17e-04 | ND | ND |
| Tetrahydrocannabivarin (THCV) | 5.74e-05 | 1.74e-04 | ND | ND |
| Δ8-Tetrahydrocannabinol (Δ8-THC) | 6.81e-05 | 2.06e-04 | ND | ND |
| Cannabinolic (CBNA) | 2.56e-05 | 7.76e-05 | ND | ND |
| Tetrahydrocannabivarin Acid (THCVA) | 5.24e-05 | 1.59e-04 | ND | ND |
| Cannabigerolic acid (CBGA) | 5.18e-05 | 1.57e-04 | ND | ND |
| Cannabidiolic acid (CBDA) | 5.53e-05 | 1.68e-04 | ND | ND |
| Cannabidivarin (CBDV) | 4.64e-05 | 1.41e-04 | ND | ND |
| Tetrahydrocannabinolic Acid (THCA) | 5.99e-05 | 1.82e-04 | ND | ND |
| Cannabichromenic acid (CBCA) | 5.41e-05 | 1.64e-04 | ND | ND |
| Cannabidivarinic Acid (CBDVA) | 4.88e-05 | 1.48e-04 | ND | ND |
| Total Cannabinoid** | | | 3.84 | 38.40 |
| Total Potential THC* | | | 0.07 | 0.69 |
| Total Potential CBD* | | | 3.58 | 35.77 |
| Total Potential CBG* | | | 0.00 | 0.00 |

* Total Potential THC/CBD/CBG is calculated using the following formulas to consider the loss of a carboxyl group during decarboxylation step.

* Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)) and Total CBG = CBG + (CBGa*(0.877))




** Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

REMARKS

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION

| | | |
|--|---|---|
|  |  |  |
| Brian McCoy 06/02/2021 04:20 PM | Logan Cline 06/02/2021 04:25 PM | Madi Smith 06/02/2021 04:36 PM |
| ANALYZED BY/DATE | AUTHORIZED BY/DATE | RELEASED BY/DATE |

Laboratory results are based on the sample submitted to Extract Labs, INC, in the condition it was received. Extract Labs, INC warrants that all analyses performed were done in a professional manner in accordance with all relevant standard laboratory practices and good manufacturing practices. Extract Labs, INC is currently in the process of obtaining ISO 17025 accreditation but has not yet been obtained. All data was generated using certified reference materials and NIST traceable reference standards. Report can only be reproduced with the written consent of Extract Labs, INC.





License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

Extract Labs
3620 Walnut St
Boulder, CO 80301

Batch # 21T1032605
Batch Date: 2021-05-26
Extracted From: Hemp

Test Reg State: Oregon

Order # EXT210527-010011
Order Date: 2021-05-27
Sample # AABK381

Sampling Date: 2021-06-01
Lab Batch Date: 2021-06-01
Completion Date: 2021-06-07



Product Image

Mycotoxins
Passed

Microbiology
(qPCR)
Passed

Potency Panel Not Included

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration.
(mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram



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Compliance Test

Extract Labs
3620 Walnut St
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Batch # 21T1032605
Batch Date: 2021-05-26
Extracted From: Hemp

Test Reg State: Oregon

Order # EXT210527-010011
Order Date: 2021-05-27
Sample # AABK381

Sampling Date: 2021-06-01
Lab Batch Date: 2021-06-01
Completion Date: 2021-06-07



Mycotoxins

Specimen Weight: 180.500 mg

Passed
(LCMS)

Dilution Factor: 8.310

| Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|--------------------|--------------|--------------|-----------|--------------------|--------------|
| Aflatoxin B1 | 6 | 20 | <LOQ | Aflatoxin B2 | 6 | 20 | <LOQ |
| Aflatoxin G1 | 6 | 20 | <LOQ | Aflatoxin G2 | 6 | 20 | <LOQ |
| Ochratoxin A | 12 | 20 | <LOQ | | | | |



Microbiology (qPCR)

Specimen Weight: 246.500 mg

Passed
(qPCR)

Dilution Factor: 1.000

| Analyte | Result | Analyte | Result |
|--------------------------|--------|------------------|--------|
| Total Aerobic Count | Passed | Total Coliform | Passed |
| Total Enterobacteriaceae | Passed | Total Yeast/Mold | Passed |

Xueli Gao
Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: *Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram



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Original 1000mg/30ml

| | | | | | |
|---------------------|------------|------------------|------------|-------------------|-------------------|
| Batch ID: | 21T1032605 | Received: | 05/27/2021 | Analysis: | Residual Solvents |
| Sample Type: | Tincture | Analyzed: | 06/02/2021 | Method: | 2021.RS.01 |
| | | Test ID: | 645 | Equipment: | GCMS |

RESIDUAL SOLVENTS




| SOLVENT | REPORTABLE RANGE | RESULT (ppm) |
|-------------------|------------------|--------------|
| Acetone | 100 - 1000 | *ND |
| Acetonitrile | 100 - 1000 | *ND |
| Benzene | 0.2 - 4 | *ND |
| Butanes | 100 - 1000 | *ND |
| Ethanol | 100 - 1000 | *ND |
| Ethyl Acetate | 100 - 1000 | *ND |
| Heptane | 100 - 1000 | *ND |
| Hexanes | 6 - 120 | *ND |
| Isopropyl Alcohol | 100 - 1000 | *ND |
| Methanol | 100 - 1000 | *ND |
| Pentanes | 100 - 1000 | *ND |
| Propane | 100 - 1000 | *ND |
| Toluene | 18 - 360 | *ND |
| Xylenes | 43 - 860 | *ND |

REMARKS

*ND = Below Reportable Range

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

FINAL AUTHORIZATION

| | | |
|--|---|---|
|  |  |  |
| Brian McCoy 06/02/2021 03:15 PM | Logan Cline 06/02/2021 03:49 PM | Madi Smith 06/02/2021 03:54 PM |
| ANALYZED BY/DATE | AUTHORIZED BY/DATE | RELEASED BY/DATE |

Laboratory results are based on the sample submitted to Extract Labs, INC, in the condition it was received. Extract Labs, INC warrants that all analyses performed were done in a professional manner in accordance with all relevant standard laboratory practices and good manufacturing practices. Extract Labs, INC is currently in the process of obtaining ISO 17025 accreditation but has not yet been obtained. All data was generated using certified reference materials and NIST traceable reference standards. Report can only be reproduced with the written consent of Extract Labs, INC.



Product Specification

Original Hemp Tincture – 500mg/15ml, 1000mg/30ml, 2000mg/60ml

Product Information

| | |
|----------------------|--|
| Product | Original Hemp Tincture |
| Botanical name | <i>Cannabis sativa</i> L. |
| Plant Part | Flower |
| Country of Origin | USA |
| Extraction Process | CO2 Extraction, Winterization |
| Ingredient Statement | Organic Fractionated Coconut Oil, CO2-Extracted Full Spectrum Hemp Oil |

Organoleptic Description

| | |
|------------|--------------------------------|
| Appearance | Light to dark amber oil liquid |
| Aroma | Typical |
| Taste | Characteristic |

Physical Characteristics

| | |
|-------------------------------------|---|
| Cannabidiol Content (CBD): | >500mg/15ml, >1000mg/30ml, >2000mg/60ml |
| Tetrahydrocannabinol Content (THC): | <0.3% |

Shelf Life

Shelf life in original glass bottle for up to 2 years.

Packaging

15ml - Gross weight 1.6oz (25.4g), net weight 0.5oz
30ml - Gross weight 2.6oz (74g), net weight 1oz
60ml - Gross weight 4.2 oz (121g), net weight 2oz
All packaged in clear glass dropper bottles Secondary packaging in cardboard boxes.
Larger quantities by arrangement

Recommended Storage Conditions

Store at ambient conditions in airtight container.

Kosher Certification

Original Hemp Tincture is certified Kosher by the Orthodox Union, UKD-ID: OUV3-DFMMSTR.

GMP Certification

This product was produced in a cGMP Compliant Facility, audited through Eurofins, Certificate #4949.

I declare that the information given is believed to be correct as of date specified below.

Name: Nick Peters

Title: Quality Manager

Date: April 8, 2021

KF

| | | | |
|------------------|--------|-------------------|-----------------------|
| Batch ID: | N/A | Test ID: | T000107185 |
| Type: | Plant | Submitted: | 10/30/2020 @ 12:08 PM |
| Test: | Metals | Started: | 11/4/2020 |
| Method: | TM19 | Reported: | 11/4/2020 |

HEAVY METALS

| Analyte | Dynamic Range (ppm) | Result (ppm) |
|---------|---------------------|--------------|
| Arsenic | 0.036 - 3.56 | ND |
| Cadmium | 0.035 - 3.49 | ND |
| Mercury | 0.036 - 3.56 | ND |
| Lead | 0.034 - 3.40 | ND |

* ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

Daniel Weidensaul
4-Nov-2020
5:58 PMGreg Zimpfer
4-Nov-2020
8:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

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, LLC.

KF


| | | | |
|------------------|------------|-------------------|-----------------------|
| Batch ID: | | Test ID: | T000107184 |
| Type: | Plant | Submitted: | 10/30/2020 @ 12:08 PM |
| Test: | Pesticides | Started: | 11/3/2020 |
| Method: | | Reported: | 11/4/2020 |


PESTICIDE RESIDUE

| Compound | Dynamic Range (ppb) | Result (ppb) | Compound | Dynamic Range (ppb) | Result (ppb) |
|---------------------|---------------------|--------------|-----------------|---------------------|--------------|
| Acephate | 38 - 2235 | ND* | Malathion | 272 - 2235 | ND* |
| Acetamiprid | 37 - 2235 | ND* | Metalaxyl | 261 - 2235 | ND* |
| Abamectin | >250 | ND* | Methiocarb | 38 - 2235 | ND* |
| Azoxystrobin | 41 - 2235 | ND* | Methomyl | 37 - 2235 | ND* |
| Bifenazate | 271 - 2235 | ND* | MGK 264 1 | 143 - 2235 | ND* |
| Boscalid | 265 - 2235 | ND* | MGK 264 2 | 109 - 2235 | ND* |
| Carbaryl | 38 - 2235 | ND* | Myclobutanil | 39 - 2235 | ND* |
| Carbofuran | 38 - 2235 | ND* | Naled | 256 - 2235 | ND* |
| Chlorantraniliprole | 247 - 2235 | ND* | Oxamyl | 35 - 2235 | ND* |
| Chlorpyrifos | 273 - 2235 | ND* | Paclobutrazol | 39 - 2235 | ND* |
| Clofentezine | 259 - 2235 | ND* | Permethrin | 282 - 2235 | ND* |
| Diazinon | 272 - 2235 | ND* | Phosmet | 266 - 2235 | ND* |
| Dichlorvos | >242 | ND* | Prophos | 249 - 2235 | ND* |
| Dimethoate | 37 - 2235 | ND* | Propoxur | 38 - 2235 | ND* |
| E-Fenpyroximate | 291 - 2235 | ND* | Pyridaben | 39 - 2235 | ND* |
| Etofenprox | 43 - 2235 | ND* | Spinosad A | 38 - 2235 | ND* |
| Etoxazole | 42 - 2235 | ND* | Spinosad D | 11 - 2235 | ND* |
| Fenoxycarb | >253 | ND* | Spiromesifen | >30 | ND* |
| Fipronil | 315 - 2235 | ND* | Spirotetramat | >256 | ND* |
| Flonicamid | 40 - 2235 | ND* | Spiroxamine 1 | 15 - 2235 | ND* |
| Fludioxonil | >299 | ND* | Spiroxamine 2 | 21 - 2235 | ND* |
| Hexythiazox | 297 - 2235 | ND* | Tebuconazole | 274 - 2235 | ND* |
| Imazalil | 55 - 2235 | ND* | Thiacloprid | 37 - 2235 | ND* |
| Imidacloprid | 39 - 2235 | ND* | Thiamethoxam | 36 - 2235 | ND* |
| Kresoxim-methyl | 246 - 2235 | ND* | Trifloxystrobin | 38 - 2235 | ND* |

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL

 Tyler Wiese
 4-Nov-2020
 5:59 PM


 Greg Zimpfer
 4-Nov-2020
 8:39 PM

PREPARED BY / DATE

APPROVED BY / DATE

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