



CERTIFICATE OF ANALYSIS

Tincture - FULL SPECTRUM HEMP EXTRACT – 20MG CBD

Bottle Lot Number: 13083-54275
Batch Number: HW010822E
Manufacture Date: December 2022
Best By Date: December 2024
Strength: 20mg CBD per serving / 300mg CBD per 15ml bottle/ 600mg per 30ml bottle/
1200mg per 60ml bottle

| <u>Cannabinoid:</u> | <u>mg/g (oil potency)</u> | <u>mg/ml (serving potency)</u> | <u>% by weight</u> |
|----------------------------|----------------------------------|---------------------------------------|---------------------------|
| CBD | 21.80 | 21.23 | 0.22 |
| CBDV | 0.10 | 0.10 | 0.00 |
| CBDa | 2.40 | 2.34 | 0.02 |
| CBG | 0.38 | 0.37 | 0.00 |
| CBGa | 0.05 | 0.05 | 0.00 |
| CBC | 1.51 | 1.47 | 0.02 |
| CBN | 0.08 | 0.08 | 0.00 |
| Δ 9-THC | 0.60 | 0.58 | 0.01 |
| THCa | <LOQ | <LOQ | <LOQ |
| Total THC | 0.60 | 0.58 | 0.01 |
| Total CBD | 23.90 | 23.28 | 0.24 |
| Total Cannabinoids | 27.10 | 26.40 | 0.27 |

**This product contains less than 0.3% THC per hemp regulations*

Sunsoil tests each batch of oil at three third-party ISO accredited laboratories to ensure product quality and potency. The information provided above is derived from said third-party lab results and shall be considered effective only for the lot with which the information is being provided. In addition to Cannabinoid profile Sunsoil regularly tests for terpenes, residual solvents, pesticides, heavy metals, and microbials to ensure pureness and quality of raw material inputs – representative results can be found on our website. ND indicates "None Detected". <LOQ indicates "Below Limit of Quantification".

• MADE IN VERMONT •

180 Battery Street, Suite 250, Burlington, VT 05401 • info@sunsoil.com



SUNSOIL®

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Strength: 20mg CBD per serving / 300mg CBD per 15ml bottle/ 600mg per 30ml bottle/
1200mg per 60ml bottle

| Heavy Metals | Pass/Fail | Specification |
|---------------------|------------------|----------------------|
| Arsenic | Pass | USP <2232> |
| Cadmium | Pass | USP <2232> |
| Lead | Pass | USP <2232> |
| Mercury | Pass | USP <2232> |

| Microbiological Testing | Pass/Fail | Specification |
|--------------------------------|------------------|----------------------|
| Aerobic Plate Count | Pass | USP <2023> |
| Yeast and Mold | Pass | USP <2023> |
| E.coli | Pass | Not Detected |
| Salmonella | Pass | Not Detected |

| Glyphosate Testing | Pass/Fail | Specification |
|---------------------------|------------------|----------------------|
| Glyphosate Testing | Pass | <10 PPB |

Sunsoil tests each batch of oil at three third-party ISO accredited laboratories to ensure product quality and potency. The information provided above is derived from said third-party lab results and shall be considered effective only for the lot with which the information is being provided. In addition to Cannabinoid profile, heavy metals and microbial contaminants, Sunsoil regularly tests for terpenes, residual solvents, and pesticides to ensure purity and quality of raw material inputs – representative results can be found on our website. ND indicates "None Detected". <LOQ indicates "Below Limit of Quantification"

• MADE IN VERMONT •

Certificate of Analysis

Sunsoil

180 Battery Street; Suite 250
Burlington Vermont 05401 United States

| | | | |
|----------------------------|-----------------------|--------------------------|----------------------------------|
| Sample Name: | HW010822E | Eurofins Sample: | 12164120 |
| Project ID | SUNSOIL-20220912-0026 | Receipt Date | 14-Sep-2022 |
| PO Number | NA | Receipt Condition | Ambient temperature |
| Sample Serving Size | 1 g | Login Date | 12-Sep-2022 |
| | | Date Started | 14-Sep-2022 |
| | | Sampled | Sample results apply as received |
| | | Online Order | 15701-17E1FB93 |

| Analysis | Result | Result per Serving |
|--|--|--------------------|
| Industrial Hemp Cannabinoid Profile | | |
| CBDVA | None detected at detection limit of 0.0004 % | |
| CBDVA | None detected at detection limit of 0.0004 % | |
| CBDV | 0.0109 % | |
| CBDV | 0.109 mg/g | |
| CBDA | 2.40 mg/g | |
| CBDA | 0.240 % | |
| CBGA | 0.0498 mg/g | |
| CBGA | 0.00498 % | |
| CBG | 0.0384 % | |
| CBG | 0.384 mg/g | |
| CBD | 2.18 % | |
| CBD | 21.8 mg/g | |
| THCV | None detected at detection limit of 0.0008 % | |
| THCV | None detected at detection limit of 0.0008 % | |
| CBN | 0.0844 mg/g | |
| CBN | 0.00844 % | |
| Delta 9-THC | 0.0603 % | |
| Delta 9-THC | 0.603 mg/g | |
| Delta 8-THC | None detected at detection limit of 0.0017 % | |
| Delta 8-THC | None detected at detection limit of 0.0017 % | |
| THCA | None detected at detection limit of 0.0017 % | |
| THCA | None detected at detection limit of 0.0017 % | |
| CBC | 1.51 mg/g | |

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| | | Sampled | Sample results apply as received |
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| Analysis | Result | Result per Serving |
|--|--|--------------------|
| Industrial Hemp Cannabinoid Profile | | |
| CBC | 0.151 % | |
| THCVA | None detected at detection limit of 0.0004 % | |
| THCVA | None detected at detection limit of 0.0004 % | |
| CBNA | None detected at detection limit of 0.0004 % | |
| CBNA | None detected at detection limit of 0.0004 % | |
| CBCA | 0.0133 % | |
| CBCA | 0.133 mg/g | |
| CBL | 0.0409 mg/g | |
| CBL | 0.00409 % | |
| Total Cannabinoids | 2.71 % | |
| Total Cannabinoids | 27.1 mg/g | |
| Total THC (THC + (THCA x 0.877)) | 0.0603 % | |
| Total THC (THC + (THCA x 0.877)) | 0.603 mg/g | |
| Total CBD (CBD + (CBDA x 0.877)) | 23.9 mg/g | |
| Total CBD (CBD + (CBDA x 0.877)) | 2.39 % | |

Method References

Testing Location

Industrial Hemp Cannabinoid Profile (IHCBD_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, AOAC 2018.11, AOAC International, Gaithersburg, MD (Modified).

Certificate of Analysis

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180 Battery Street; Suite 250
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Testing Location(s)**Released on Behalf of Eurofins by****Food Integrity Innovation-Madison**

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375

Edward Ladwig - President Eurofins Food
Chemistry Testing Madison



2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.

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| | | Date Started | 14-Sep-2022 |
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| Analysis | Result | Result per Serving |
|-----------------------|----------------|--------------------|
| Salmonella BAM | | |
| Salmonella | Negative /25 g | |

| Method References | Testing Location |
|-------------------|------------------|
|-------------------|------------------|

Salmonella BAM (SALA)

EML New Berlin

2345 S 170th St New Berlin, WI 53151 USA

Bacteriological Analytical Manual, Chapter 5, 8th Edition, 2006. Food and Drug Administration, AOAC International: Gaithersburg, Maryland. Modified.

| Testing Location(s) | Released on Behalf of Eurofins by |
|---------------------|-----------------------------------|
|---------------------|-----------------------------------|

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food Chemistr

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375

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September 20, 2022

SUNSOIL

Jacob Goldstein
180 Battery Street
Burlington, VT 05401

Order No. 537696
Sample No. 1138749

SAMPLE INFORMATION

Description HW010822E
Category (Type) Non-Inhalable Concentrate (Other)
Received September 14, 2022

ANALYTICAL RESULTS

Analysis Terpene Profile
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method American Herbal Pharmacopoeia
Analysis Date September 14, 2022 to September 20, 2022

| Terpene | mg/g | % |
|-----------------------|--------------|---------------|
| α-Pinene | 0.020 | 0.0020 |
| Isopulegol | ND | ND |
| Camphene | ND | ND |
| Menthol | ND | ND |
| β-Myrcene | 0.032 | 0.0032 |
| (-)-Borneol | ND | ND |
| β-Pinene | 0.016 | 0.0016 |
| Terpineol | 0.036 | 0.0036 |
| δ -3-Carene | ND | ND |
| Citronellol | ND | ND |
| Limonene | 0.020 | 0.0020 |
| Geraniol | ND | ND |
| α-Terpinene | ND | ND |
| β-Caryophyllene | 0.140 | 0.0140 |
| trans-beta-Ocimene | ND | ND |
| α-Humulene | 0.051 | 0.0051 |
| cis-beta-Ocimene | ND | ND |
| cis-Nerolidol | ND | ND |
| p-Cymene | ND | ND |
| trans-Nerolidol | ND | ND |
| Eucalyptol | ND | ND |
| Guaiol | 0.040 | 0.0040 |
| γ-Terpinene | ND | ND |
| Caryophyllene Oxide | 0.063 | 0.0063 |
| Terpinolene | ND | ND |
| α-Bisabolol | 0.067 | 0.0067 |
| Linalool | ND | ND |
| Eudesmol | 0.054 | 0.0054 |
| Total Terpenes | 0.538 | 0.0538 |

Reported by
Anresco, Inc.




Jordean Vargas
Analyst

September 20, 2022

Limit of Detection: 0.0004 %
Limit of Quantitation: 0.0013 %
ND = None Detected
<LOQ = Below Limit of Quantitation
LOD = Limit of Detection

If there are any questions with this report, please contact "compliance@anresco.com".

September 19, 2022

SUNSOIL

Jacob Goldstein
180 Battery Street
Burlington, VT 05401

Order No. 537696
Sample No. 1138749

SAMPLE INFORMATION

Description HW010822E
Category (Type) Non-Inhalable Concentrate (Other)
Received September 14, 2022

ANALYTICAL RESULTS

Analysis Water Activity
Instrument Decagon
Method MF 14G051
Analysis Date September 14, 2022 to September 19, 2022

| Analyte | Findings | Limit | Status |
|----------------|----------|-------|--------|
| Water Activity | 0.46 | 0.85 | Pass |

Reported by
Anresco, Inc.

ND = None Detected



Eric Tam
Senior Chemist

September 19, 2022

If there are any questions with this report, please contact "compliance@anresco.com".

September 27, 2022

SUNSOIL

Jacob Goldstein
180 Battery Street
Burlington, VT 05401

Order No. 537696
Sample No. 1138749

SAMPLE INFORMATION

Description HW010822E
Category (Type) Non-Inhalable Concentrate (Other)
Received September 14, 2022

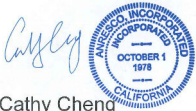
ANALYTICAL RESULTS

Analysis Glyphosate
Instrument LC-MS/MS
Method Anresco MF 2P033
Analysis Date September 14, 2022 to September 27, 2022

| Analyte | LOD / LOQ (ppb) | Findings (ppb) |
|------------|-----------------|----------------|
| Glyphosate | 2/5 | None Detected |
| AMPA | 2/5 | None Detected |

Reported by
Anresco, Inc.

ND = None Detected



Cathy Cheng
Senior Analyst

September 27, 2022

If there are any questions with this report, please contact "compliance@anresco.com".

Certificate of Analysis

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| | | Date Started | 14-Sep-2022 |
| | | Sampled | Sample results apply as received |
| | | Online Order | 15701-17E1FB93 |

| Analysis | Result | Result per Serving |
|--|-----------|--------------------|
| Elements by ICP Mass Spectrometry | | |
| Arsenic | <10.0 ppb | |
| Cadmium | <5.00 ppb | |
| Lead | <5.00 ppb | |
| Mercury | <5.00 ppb | |

| Method References | Testing Location |
|-------------------|------------------|
|-------------------|------------------|

Elements by ICP Mass Spectrometry (ICP_MS_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis, Method 2011.19 and 993.14, AOAC INTERNATIONAL, (Modified).
Paquette, L.H., Szabo, A., Thompson, J.J., "Simultaneous Determination of Chromium, Selenium, and Molybdenum in Nutritional Products by Inductively Coupled Plasma/Mass Spectrometry: Single-Laboratory Validation," Journal of AOAC International, 94(4): 1240 - 1252 (2011).

| Testing Location(s) | Released on Behalf of Eurofins by |
|---------------------|-----------------------------------|
|---------------------|-----------------------------------|

Food Integrity Innovation-Madison

Edward Ladwig - President Eurofins Food Chemistry Testing Madison

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| Analysis | Result | Result per Serving |
|---|-----------|--------------------|
| E.coli and Coliforms (Petrifilm) | | |
| Total coliforms | <10 CFU/g | |
| Escherichia Coli | <10 CFU/g | |

| Method References | Testing Location |
|---|--|
| E.coli and Coliforms (Petrifilm) (ECCOLIPET) | EML New Berlin |
| AOAC 991.14 | 2345 S 170th St New Berlin, WI 53151 USA |

| Testing Location(s) | Released on Behalf of Eurofins by |
|---|---|
| Food Integrity Innovation-Madison | Edward Ladwig - President Eurofins Food Chemistr |
| Eurofins Food Chemistry Testing Madison, Inc. 6304 Ronald Reagan Ave Madison WI 53704 800-675-8375 | |

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