



CERTIFICATE OF ANALYSIS

Tincture - FULL SPECTRUM HEMP EXTRACT – 20MG CBD

Bottle Lot Number: 13083-54288
Batch Number: HW010822B
Manufacture Date: November 2022
Best By Date: November 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	21.57	21.01	0.22
CBDV	<LOQ	<LOQ	<LOQ
CBDa	1.60	1.56	0.02
CBG	0.33	0.32	0.00
CBGa	<LOQ	<LOQ	<LOQ
CBC	1.27	1.24	0.01
CBN	<LOQ	<LOQ	<LOQ
Δ 9-THC	0.62	0.60	0.01
THCa	<LOQ	<LOQ	<LOQ
Total THC	0.62	0.60	0.01
Total CBD	22.98	22.38	0.23
Total Cannabinoids	25.39	24.73	0.25

**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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Batch Number: HW010822B
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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

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• MADE IN VERMONT •

September 22, 2022

SUNSOIL

Jacob Goldstein
180 Battery Street
Burlington, VT 05401

Order No. 537848
Sample No. 1139216

SAMPLE INFORMATION

Description HW010822B
PO# SEPT16,2022
Category Non-Inhalable Concentrate
Received September 19, 2022

ANALYTICAL RESULTS

Analysis Cannabinoid Profile
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date September 19, 2022 to September 22, 2022

Cannabinoid	mg/g	%
Δ8-THC	ND	ND
Δ9-THC	0.62	0.062
Δ9-THCA	ND	ND
THCV	ND	ND
THCVA	ND	ND
CBD	21.57	2.157
CBDA	1.60	0.160
CBC	1.27	0.127
CBCA	ND	ND
CBDV	ND	ND
CBG	0.33	0.033
CBGA	ND	ND
CBN	ND	ND
Total THC	0.62	0.062
Total CBD	22.98	2.298
Total Cannabinoids	25.19	2.519
Sum of Cannabinoids	25.39	2.539

Reported by
Anresco, Inc.



Eric Tam
Senior Chemist

September 22, 2022

Limit of Detection: 0.067 mg/g
Limit of Quantitation: 0.2 mg/g
ND = None Detected
<LOQ = Below Limit of Quantitation
LOD = Limit of Detection
Total THC = Δ9-THC + (0.877 * Δ9-THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

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

Certificate of Analysis

Sunsoil

180 Battery Street; Suite 250
Burlington Vermont 05401 United States

Sample Name:	HW010822B	Eurofins Sample:	12184269
Project ID	SUNSOIL-20220916-0027	Receipt Date	19-Sep-2022
PO Number	NA	Receipt Condition	Ambient temperature
Sample Serving Size	1 g	Login Date	16-Sep-2022
		Date Started	19-Sep-2022
		Sampled	Sample results apply as received
		Online Order	15701-17E748AA

Analysis

Result

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

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.

Certificate of Analysis

Sunsoil

180 Battery Street; Suite 250
Burlington Vermont 05401 United States

Sample Name:	HW010822B	Eurofins Sample:	12184269
Project ID	SUNSOIL-20220916-0027	Receipt Date	19-Sep-2022
PO Number	NA	Receipt Condition	Ambient temperature
Sample Serving Size	1 g	Login Date	16-Sep-2022
		Date Started	19-Sep-2022
		Sampled	Sample results apply as received
		Online Order	15701-17E748AA

Analysis	Result
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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Certificate of Analysis

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180 Battery Street; Suite 250
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Project ID	SUNSOIL-20220916-0027	Receipt Date	19-Sep-2022
PO Number	NA	Receipt Condition	Ambient temperature
Sample Serving Size	1 g	Login Date	16-Sep-2022
		Date Started	19-Sep-2022
		Sampled	Sample results apply as received
		Online Order	15701-17E748AA

Analysis

Result

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**

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



2918.01

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September 23, 2022

SUNSOIL

Jacob Goldstein
180 Battery Street
Burlington, VT 05401

Order No. 537848
Sample No. 1139216

SAMPLE INFORMATION

Description HW010822B
PO# SEPT16,2022
Category Non-Inhalable Concentrate
Received September 19, 2022

ANALYTICAL RESULTS

Analysis Terpene Profile
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method American Herbal Pharmacopoeia
Analysis Date September 19, 2022 to September 23, 2022

Terpene	mg/g	%
α-Pinene	0.148	0.0148
Isopulegol	ND	ND
Camphene	0.015	0.0015
Menthol	4.694	0.4694
β-Myrcene	0.049	0.0049
(-)-Borneol	ND	ND
β-Pinene	0.191	0.0191
Terpineol	0.100	0.0100
δ -3-Carene	ND	ND
Citronellol	ND	ND
Limonene	0.348	0.0348
Geraniol	ND	ND
α-Terpinene	ND	ND
β-Caryophyllene	0.664	0.0664
trans-beta-Ocimene	0.038	0.0038
α-Humulene	0.108	0.0108
cis-beta-Ocimene	ND	ND
cis-Nerolidol	ND	ND
p-Cymene	ND	ND
trans-Nerolidol	0.052	0.0052
Eucalyptol	0.774	0.0774
Guaiol	ND	ND
γ-Terpinene	0.033	0.0033
Caryophyllene Oxide	0.105	0.0105
Terpinolene	ND	ND
α-Bisabolol	0.117	0.0117
Linalool	0.059	0.0059
Eudesmol	0.061	0.0061
Total Terpenes	7.556	0.7556

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

Reported by
Anresco, Inc.




Jordean Vargas
Analyst

September 23, 2022

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

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September 22, 2022

SUNSOIL

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180 Battery Street
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Order No. 537848
Sample No. 1139216

SAMPLE INFORMATION

Description HW010822B
PO# SEPT16,2022
Category Non-Inhalable Concentrate
Received September 19, 2022

ANALYTICAL RESULTS

Analysis Water Activity
Instrument Decagon
Method MF 14G051
Analysis Date September 19, 2022 to September 22, 2022

Analyte	Findings	Limit	Status
Water Activity	0.43	0.85	Pass

Reported by
Anresco, Inc.

ND = None Detected



Eric Tam
Senior Chemist

September 22, 2022

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