



SUNSOIL®

CERTIFICATE OF ANALYSIS

Full Spectrum Hemp Extract & Fractionated Coconut Oil Cinnamon 20MG/ML CBD

Bottle Lot Number: 13083-49293
Batch Number: HW080421C
Manufacture Date: July 2022
Best By Date: July 2024
Strength: 20mg CBD per milliliter (ml) / 1200mg CBD per 60ml (2oz) botte

<u>Cannabinoid:</u>	<u>mg/g (oil potency)</u>	<u>mg/softgel (softgel potency)</u>	<u>% by weight</u>
CBD	22.45	21.26	2.25
CBDV	<LOQ	<LOQ	<LOQ
CBDa	0.50	0.47	0.05
CBG	0.48	0.45	0.05
CBGa	<LOQ	<LOQ	<LOQ
CBC	1.14	1.08	0.11
CBN	<LOQ	<LOQ	<LOQ
Δ ⁹ -THC	0.71	0.67	0.07
THCa	<LOQ	<LOQ	<LOQ
Total THC	0.71	0.67	0.07
Total CBD	22.89	21.68	2.29
Total Cannabinoids	25.28	23.94	2.53

**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 •



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Full Spectrum Hemp Extract & Fractionated Coconut Oil Cinnamon 20MG/ML CBD

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Batch Number: HW080421C
Manufacture Date: July 2022
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Strength: 20mg CBD per milliliter (ml) / 1200mg CBD per 60ml (2oz) botte

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 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 •

June 04, 2021

SUNSOIL

Jacob Goldstein
180 Battery Street
Burlington, VT 05401

Order No. 524127
Sample No. 1084876

SAMPLE INFORMATION

Description Final
Lot Number HW080421C
Category Concentrate
Received June 01, 2021

ANALYTICAL RESULTS

Analysis Cannabinoid Profile
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF12D012
Analysis Date June 01, 2021 to June 04, 2021

Cannabinoid	mg/g	%
Δ8-THC	ND	ND
Δ9-THC	0.71	0.071
Δ9-THCA	ND	ND
THCV	ND	ND
THCVA	ND	ND
CBD	22.45	2.245
CBDA	0.50	0.050
CBC	1.14	0.114
CBCA	ND	ND
CBDV	ND	ND
CBG	0.48	0.048
CBGA	ND	ND
CBN	<LOQ	<LOQ
Total THC	0.71	0.071
Total CBD	22.89	2.289
Total Cannabinoids	25.28	2.528
Total Active Cannabinoids	25.21	2.521

Reported by
Anresco, Inc.




Ryan Low
Analyst

June 04, 2021

Limit of Detection: 0.033 mg/g
Limit of Quantitation: 0.1 mg/g
ND = None Detected
<LOQ = Below Limit of Quantitation
<LOD = Below Limit of Detection

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

June 11, 2021

SUNSOIL

Jacob Goldstein
180 Battery Street
Burlington, VT 05401

Order No. 524128
Sample No. 1084883

SAMPLE INFORMATION

Description Final
Lot Number HW080421C
Received June 01, 2021

ANALYTICAL RESULTS

Analysis Glyphosate
Instrument LC-MS/MS
Method Anresco MF 2P030
Analysis Date June 01, 2021 to June 11, 2021

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

June 11, 2021

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

Sample Name:	Final Blend 1	Eurofins Sample:	10626651
Project ID	SUNSOIL-20210527-0022	Receipt Date	02-Jun-2021
PO Number	05272021	Receipt Condition	Ambient temperature
Lot Number	HW080421C	Login Date	27-May-2021
Sample Serving Size	1 g	Date Started	03-Jun-2021
		Sampled	Sample results apply as received
		Online Order	15701-15720A4E

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
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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
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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

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.

June 04, 2021

SUNSOIL
Jacob Goldstein
180 Battery Street
Burlington, VT 05401

Order No. 524127
Sample No. 1084876

SAMPLE INFORMATION

Description Final
Lot Number HW080421C
Category Concentrate
Received June 01, 2021

ANALYTICAL RESULTS

Analysis Residual Solvent Screen ✔ Pass
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method USP OVI<467>
Analysis Date June 01, 2021 to June 04, 2021

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.1/1	ND	1	Pass
Acetone	50/150	ND	5000	Pass
Acetonitrile	4/12	ND	410	Pass
Benzene	0.1/1	ND	1	Pass
n-Butane	48/160	ND	5000	Pass
Chloroform	0.1/1	ND	1	Pass
Ethanol	67/200	ND	5000	Pass
Ethyl acetate	27/80	ND	5000	Pass
Ethyl ether	17/50	ND	5000	Pass
Ethylene oxide	0.5/1	ND	1	Pass
n-Heptane	1/4	ND	5000	Pass
n-Hexane	2/10	ND	290	Pass
Isopropyl alcohol	33/100	ND	5000	Pass
Methanol	50/150	ND	3000	Pass
Methylene chloride	0.5/1	ND	1	Pass
n-Pentane	2/6	ND	5000	Pass
Propane	10/33	ND	5000	Pass
Toluene	10/30	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	30/90	ND	2170	Pass
Trichloroethylene	0.1/1	ND	1	Pass

Reported by
Anresco, Inc.

ND = None Detected




Jordean Vargas
Analyst

June 04, 2021

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

Sample Name:	Final Blend 1	Eurofins Sample:	10626651
Project ID	SUNSOIL-20210527-0022	Receipt Date	02-Jun-2021
PO Number	05272021	Receipt Condition	Ambient temperature
Lot Number	HW080421C	Login Date	27-May-2021
Sample Serving Size	1 g	Date Started	03-Jun-2021
		Sampled	Sample results apply as received
		Online Order	15701-15720A4E

Analysis	Result
Salmonella BAM	
Salmonella	Not Detected /25 g

Method References	Testing Location
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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
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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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June 04, 2021

SUNSOIL

Jacob Goldstein
180 Battery Street
Burlington, VT 05401

Order No. 524127
Sample No. 1084876

SAMPLE INFORMATION

Description Final
Lot Number HW080421C
Category Concentrate
Received June 01, 2021

ANALYTICAL RESULTS

Analysis Terpene Profile
Instrument Gas Chromatography Mass Spectrometry (GC/MS)
Method American Herbal Pharmacopoeia
Analysis Date June 01, 2021 to June 04, 2021

Terpene	mg/g	%
α-Pinene	0.356	0.0357
Isopulegol	ND	ND
Camphene	0.02	0.0020
Menthol	ND	ND
β-Myrcene	BLOQ	BLOQ
(-)-Borneol	ND	ND
β-Pinene	0.201	0.0201
Terpineol	0.033	0.0033
δ-3-Carene	ND	ND
Citronellol	ND	ND
Limonene	0.51	0.0510
Geraniol	ND	ND
α-Terpinene	BLOQ	BLOQ
β-Caryophyllene	0.507	0.0507
trans-beta-Ocimene	ND	ND
α-Humulene	0.138	0.0138
cis-beta-Ocimene	ND	ND
cis-Nerolidol	ND	ND
p-Cymene	0.043	0.0043
trans-Nerolidol	BLOQ	BLOQ
Eucalyptol	0.064	0.0064
Guaiol	ND	ND
γ-Terpinene	ND	ND
Caryophyllene Oxide	0.028	0.0027
Terpinolene	ND	ND
α-Bisabolol	0.079	0.0079
Linalool	0.363	0.0363
Eudesmol	BLOQ	BLOQ
Total Terpenes	2.342	0.2342

Reported by
Anresco, Inc.




Ginzhu Fung Guan
Analyst

June 04, 2021

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

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

June 04, 2021

SUNSOIL

Jacob Goldstein
180 Battery Street
Burlington, VT 05401

Order No. 524127
Sample No. 1084876

SAMPLE INFORMATION

Description Final
Lot Number HW080421C
Category Non-Inhalable Concentrate
Received June 01, 2021

ANALYTICAL RESULTS

Analysis Water Activity
Instrument Decagon
Method MF 14G051
Analysis Date June 01, 2021 to June 04, 2021

Analyte	Findings	Limit	Status
Water Activity	0.43	0.85	Pass

Reported by
Anresco, Inc.

ND = None Detected



Eric Tam
Senior Chemist

June 04, 2021

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

Sample Name:	Final Blend 1	Eurofins Sample:	10626651
Project ID	SUNSOIL-20210527-0022	Receipt Date	02-Jun-2021
PO Number	05272021	Receipt Condition	Ambient temperature
Lot Number	HW080421C	Login Date	27-May-2021
Sample Serving Size	1 g	Date Started	03-Jun-2021
		Sampled	Sample results apply as received
		Online Order	15701-15720A4E

Analysis

Result

Yeast and Mold Plate Count

Yeast Plate Count
Mold Plate Count

<10 CFU/g
<10 CFU/g

Method References

Testing Location

Yeast and Mold Plate Count (YM_SPRD)

EML New Berlin

2345 S 170th St New Berlin, WI 53151 USA

Compendium of Methods for the Microbiological Examination of Foods, Yeasts and Molds, 4th Edition, Chapter 20, 2001, (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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