



Certificate of Analysis

Powered by Confident Cannabis

Sunsoil

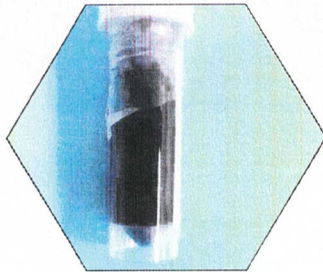
Burlington, VT 05401
 nsibley@sunsoil.com
 (802) 309-3257
 Lic. #CBD

Sample: 2103DBL0308.2907
 METRC Sample:

Strain: NA
 Ordered: 03/19/2021; Sampled: 03/22/2021; Completed: 03/25/2021

HW040321B

Concentrates & Extracts, Full Extract Cannabis Oil, Coconut Oil



Cannabinoids

- CBC
- CBCa
- CBD
- CBDa
- CBDV
- CBDVa
- CBG
- CBGa
- CBL
- CBN
- Δ8-THC
- Δ9-THC
- THCa
- THCV
- THCVa

Cannabinoids

0.137%



Total THC

4.357%



Total CBD

4.772%



Total Cannabinoids

NT



Moisture

Cannabinoid Profile

Analyzed by 300.18 UHPLC/PDA

Cannabinoid	Mass	Mass	LOQ
	%	mg/g	%
CBC	0.206	2.06	0.041
CBCa	<LOQ	<LOQ	0.041
CBD	4.302	43.02	0.041
CBDa	0.062	0.62	0.041
CBDV	<LOQ	<LOQ	0.041
CBDVa	<LOQ	<LOQ	0.041
CBG	0.065	0.65	0.041
CBGa	<LOQ	<LOQ	0.041
CBL	<LOQ	<LOQ	0.041
CBN	<LOQ	<LOQ	0.041
Δ8-THC	<LOQ	<LOQ	0.041
Δ9-THC	0.137	1.37	0.041
THCa	<LOQ	<LOQ	0.041
THCV	<LOQ	<LOQ	0.041
THCVa	<LOQ	<LOQ	0.041
Total THC	0.137	1.37	
Total CBD	4.357	43.57	
Total	4.772	47.72	



Benjamin G.M. Chew
 Benjamin G.M. Chew, Ph.D.
 Laboratory Director

Glen Marquez
 Glen Marquez
 Quality Control



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 Las Vegas, NV
 (702) 728-5180
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This report is considered highly confidential and the sole property of the customer. DB Labs will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation, Pesticide LOQ = Instrument Limit of Quantitation, NA = Not Analyzed, ND = Not Detected, NR = Not Reported, NT = Not Tested. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.

Certificate of Analysis

Sunsoil

180 Battery Street; Suite 250
Burlington Vermont 05401

Sample Name:	Final Blend 2	Eurofins Sample:	10412978
Project ID	SUNSOIL-20210319-0014	Receipt Date	22-Mar-2021
PO Number		Receipt Condition	Ambient temperature
Lot Number	HW040321B	Login Date	19-Mar-2021
Sample Serving Size	1 g	Date Started	23-Mar-2021
		Sampled	Sample results apply as received
		Online Order	15701-15177D29

Analysis

Result

Aerobic Plate Count

Standard Plate Count

<10 CFU/g

Method References

Testing Location

Aerobic Plate Count (APC)

FDA BAM Ch. 3

AOAC 966.23

CMMEF Ch. 8

EML New Berlin

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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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

2345 S 170th St New Berlin, WI 53151 USA

AOAC 991.14

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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

3301 Kinsman Blvd 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).

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Analysis	Limit	Result	Pass/Fail
Mycotoxins in Raw Materials			
Aflatoxin B1		<0.500 ppb	
Aflatoxin B2		<0.500 ppb	
Aflatoxin G1		<0.500 ppb	
Aflatoxin G2		<0.500 ppb	
Ochratoxin A	20 ppb	<1.00 ppb	Pass
Sum of B1 B2 G1 and G2	20 ppb	<2.00 ppb	Pass

Method References	Testing Location
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Mycotoxins in Raw Materials (MYCO_REG_S)

Food Integrity Innovation-Madison

3301 Kinsman Blvd Madison, WI 53704 USA

Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).

Testing Location(s)	Released on Behalf of Eurofins by
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Analysis	Limit	Result
Multi-Residue Analysis for hemp products - 60+ compounds		
Abamectin		<0.30 mg/kg
Aldicarb		<0.10 mg/kg
Aldicarb sulfone (Aldoxycarb)		<0.10 mg/kg
Aldicarb sulfoxide		<0.10 mg/kg
Azoxystrobin		<0.10 mg/kg
Bifenazate		<0.10 mg/kg
Bifenthrin		<0.10 mg/kg
Carbaryl		<0.10 mg/kg
Carbofuran		<0.10 mg/kg
Carbofuran-3-hydroxy-		<0.10 mg/kg
Chlorantraniliprole		<0.10 mg/kg
Chlordane, cis-		<0.10 mg/kg
Chlordane, trans-		<0.10 mg/kg
Chlorfenapyr		<0.10 mg/kg
Chlorpyrifos		<0.10 mg/kg
Coumaphos		<0.10 mg/kg
Cyfluthrin		<0.10 mg/kg
Cypermethrin		<0.10 mg/kg
Cyproconazole (2 diastereoisomers)		<0.10 mg/kg
Cyprodinil		<0.10 mg/kg
Dichlorvos		<0.10 mg/kg
Diclobutrazol		<0.10 mg/kg
Dipropetryn		<0.10 mg/kg
Disulfoton		<0.10 mg/kg
Endosulfan I (alpha-isomer)		<0.20 mg/kg
Endosulfan II (beta-isomer)		<0.20 mg/kg
Endosulfan sulfate		<0.20 mg/kg
Epoxiconazole		<0.10 mg/kg
Ethiofencarb		<0.10 mg/kg
Etofenprox		<0.10 mg/kg

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Analysis	Limit	Result
Multi-Residue Analysis for hemp products - 60+ compounds		
Etoxazole		<0.10 mg/kg
Fenoxycarb		<0.10 mg/kg
Fenpropathrin		<0.10 mg/kg
Fenvalerate/Esfenvalerate (sum of isomers)		<0.20 mg/kg
Fipronil		<0.10 mg/kg
Fipronil desulfinyl		<0.10 mg/kg
Fipronil sulfone		<0.10 mg/kg
Imazalil		<0.10 mg/kg
Imidacloprid		<0.10 mg/kg
Malathion		<0.10 mg/kg
Methiocarb		<0.10 mg/kg
Methiocarb sulfone		<0.10 mg/kg
Methiocarb sulfoxide		<0.10 mg/kg
Methomyl		<0.10 mg/kg
Mevinphos (E- and Z-isomers)		<0.10 mg/kg
Myclobutanil		<0.10 mg/kg
Naled (Dibrom)		<0.10 mg/kg
Paclobutrazol		<0.10 mg/kg
Permethrin (sum of isomers)		<0.10 mg/kg
Propoxur		<0.10 mg/kg
Spinetoram (spinosyns J and L)		<0.10 mg/kg
Spinosad (spinosyns A and D)		<0.10 mg/kg
Spirodiclofen		<0.10 mg/kg
Spiromesifen		<0.10 mg/kg
Spirotetramat		<0.10 mg/kg
Spiroxamine (2 diastereoisomers)		<0.10 mg/kg
Tebuconazole		<0.10 mg/kg
Thiabendazole		<0.10 mg/kg
Thiabendazole-5-hydroxy-		<0.10 mg/kg
Thiacloprid		<0.10 mg/kg

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Analysis	Limit	Result
Multi-Residue Analysis for hemp products - 60+ compounds		
Trifloxystrobin		<0.10 mg/kg
Metolachlor		<0.10 mg/kg
Pyrethrum (total)		<1.0 mg/kg

Method References	Testing Location
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Multi-Residue Analysis for hemp products - 60+ compounds (PEST_HEMP)	Food Integrity Innovation-Madison 3301 Kinsman Blvd Madison, WI 53704 USA
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Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Testing Location(s)	Released on Behalf of Eurofins by
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Analysis

Result

Salmonella BAM

Salmonella

Not Detected /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)

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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)

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March 23, 2021

SUNSOIL

Jacob Goldstein
180 Battery Street
Burlington, VT 05401

Order No. 521664
Sample No. 1077203

SAMPLE INFORMATION

Description Final Blend 2
Lot Number HW040321B
PO# 3.19.21
Category Non-Inhalable Concentrate
Received March 22, 2021

ANALYTICAL RESULTS

Analysis Glyphosate
Instrument LC-MS/MS
Method Anresco MF 2P030
Analysis Date March 22, 2021 to March 23, 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

March 23, 2021

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



SUNSOIL®

CERTIFICATE OF ANALYSIS

PEPPERMINT - FULL SPECTRUM HEMP EXTRACT – 40MG CBD

Bottle Lot: 00431208001
Bulk Batch Number: HW040321B
Manufacture Date: March 2021
Best By Date: March 2023
Strength: 40mg CBD per milliliter (ml) / 1200mg CBD per 30ml (1oz) bottle

<u>Cannabinoid:</u>	<u>mg/g (oil potency)</u>	<u>mg/ml (oil potency)</u>	<u>% weight</u>
CBD	43.02	40.86	4.302
CBDV	<LOQ	<LOQ	<LOQ
CBDa	0.62	0.59	0.062
CBG	0.65	0.62	0.065
CBGa	<LOQ	<LOQ	<LOQ
CBC	2.06	1.96	0.206
CBN	<LOQ	<LOQ	<LOQ
Δ^9 -THC	1.37	1.30	0.137
THCa	<LOQ	<LOQ	<LOQ
Total THC	1.37	1.30	0.137
Total CBD	43.57	41.38	4.357
Total Cannabinoids	46.35	44.02	4.635

LOD = 0.4 mg/g or 0.04% or 0.38 mg/ml

**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®

CERTIFICATE OF ANALYSIS

PEPPERMINT- FULL SPECTRUM HEMP EXTRACT – 40MG CBD

Bottle Lot Number: 00431208001
Batch Number: HW040321B
Manufacture Date: March 2023
Best By Date: March 2023
Strength: 40mg CBD per milliliter (ml) / 1,200mg CBD per 30ml (1 oz) 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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