



## CERTIFICATE OF ANALYSIS

### ***Unflavored - FULL SPECTRUM HEMP EXTRACT – 20MG CBD***

Bottle Lot Number: 13083-33776  
Bulk Batch Number: HW270420E  
Manufacture Date: July 2021  
Best By Date: July 2023  
Strength: 20mg CBD per milliliter (ml) / 300mg CBD per 15ml (1/2oz) bottle

<b><u>Cannabinoid:</u></b>	<b><u>mg/g (oil potency)</u></b>	<b><u>mg/ml (oil potency)</u></b>	<b><u>% weight</u></b>
CBD	22.43	21.25	2.243
CBDV	0.56	0.53	0.056
CBDa	1.83	1.73	0.183
CBG	0.46	0.44	0.046
CBGa	<0.18	<0.17	<0.018
CBC	1.18	1.12	0.118
CBN	<0.18	<0.17	<0.018
$\Delta^9$ -THC	1.09	1.03	0.109
THCa	<0.18	<0.17	<0.018
<b>Total THC</b>	<b>1.09</b>	<b>1.03</b>	<b>0.109</b>
<b>Total CBD</b>	<b>24.04</b>	<b>22.78</b>	<b>2.404</b>
<b>Total Cannabinoids</b>	<b>27.55</b>	<b>26.11</b>	<b>2.755</b>

*\*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 •



SUNSOIL®

## CERTIFICATE OF ANALYSIS

### *Unflavored- FULL SPECTRUM HEMP EXTRACT – 20MG CBD*

Bottle Lot Number: 13083-33776  
Batch Number: HW270420E  
Manufacture Date: July 2021  
Best By Date: July 2023  
Strength: 20mg CBD per milliliter (ml) / 300mg CBD per 15ml (1/2oz) 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 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".

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## Sunsoil

180 Battery Street, Suite 250  
 Burlington, VT 05401  
 (603) 717-2008

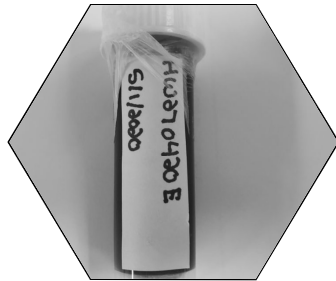
Sample: 2005DBL0007.5087  
 METRC Sample:

Strain: N/A

Ordered: 05/01/2020; Sampled: 05/05/2020; Completed: 05/06/2020

### HW270420E

Ingestible, Other, Coconut Oil



### Cannabinoids



### Cannabinoids

**0.109%**

**2.243%**

Δ9-THC + Δ8-THC

CBD

**2.755%**

**NT**

Total Cannabinoids

Moisture

### Cannabinoid Profile

Analyzed by 300.18 UHPLC/PDA

Cannabinoid	Mass	Mass	LOQ
	%	mg/g	%
CBC	0.118	1.18	0.018
CBCa	<LOQ	<LOQ	0.018
CBD	2.243	22.43	0.018
CBDa	0.183	1.83	0.018
CBDV	0.056	0.56	0.018
CBDVa	<LOQ	<LOQ	0.018
CBG	0.046	0.46	0.018
CBGa	<LOQ	<LOQ	0.018
CBL	<LOQ	<LOQ	0.018
CBN	<LOQ	<LOQ	0.018
Δ8-THC	<LOQ	<LOQ	0.018
Δ9-THC	0.109	1.09	0.018
THCa	<LOQ	<LOQ	0.018
THCV	<LOQ	<LOQ	0.018
THCVa	<LOQ	<LOQ	0.018
<b>Total THC</b>	<b>0.109</b>	<b>1.09</b>	
<b>Total CBD</b>	<b>2.404</b>	<b>24.04</b>	
<b>Total</b>	<b>2.755</b>	<b>27.55</b>	



*Stacy Gardalen*

Stacy Gardalen  
 Quality Control

*Glen Marquez*

Glen Marquez  
 Quality Control



4439 Polaris Ave  
 Las Vegas, NV

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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.

May 19, 2020

**SUNSOIL**

Jacob Goldstein  
180 Battery Street  
Burlington, VT 05401

Order No. 513262  
Sample No. 1050252

## SAMPLE INFORMATION

Description HW270420E  
Lot Number HW270420E  
Category (Type) Edible  
Received May 06, 2020

## ANALYTICAL RESULTS

Method Analysis Date May 06, 2020 to May 19, 2020

Analyte	Method	Finding	LOD	LOQ
Glyphosate	Anresco MF 2P030	<LOQ	2 ppb	5 ppb
AMPA	Anresco MF 2P030	None Detected	2 ppb	5 ppb

Reported by  
**Anresco, Inc.**


Cathy Cheng  
Analyst

May 19, 2020

## Certificate of Analysis

### Sunsoil

180 Battery Street; Suite 250  
Burlington Vermont 05401

<b>Sample Name:</b>	<b>HW270420E</b>	<b>Eurofins Sample:</b>	<b>9485664</b>
<b>Project ID</b>	SUNSOIL-20200501-0030	<b>Receipt Date</b>	06-May-2020
<b>PO Number</b>	CVD	<b>Receipt Condition</b>	Ambient temperature
<b>Lot Number</b>	HW27040E	<b>Login Date</b>	01-May-2020
<b>Sample Serving Size</b>		<b>Date Started</b>	06-May-2020
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	15701-136ECC6A

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

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

Testing Location(s)	Released on Behalf of Eurofins by
<b>Food Integ. Innovation-Madison NE</b>	<b>Shannon Jacoby - Business Unit Manager</b>
Eurofins Food Chemistry Testing US, Inc. 2102 Wright Street 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.

## Certificate of Analysis

### Sunsoil

180 Battery Street; Suite 250  
Burlington Vermont 05401

<b>Sample Name:</b>	<b>HW270420E</b>	<b>Eurofins Sample:</b>	<b>9485664</b>
<b>Project ID</b>	SUNSOIL-20200501-0030	<b>Receipt Date</b>	06-May-2020
<b>PO Number</b>	CVD	<b>Receipt Condition</b>	Ambient temperature
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<b>Sample Serving Size</b>		<b>Date Started</b>	06-May-2020
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		<b>Online Order</b>	15701-136ECC6A

Analysis	Result	Result per Serving
<b>Elements by ICP Mass Spectrometry</b>		
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).

### Testing Location(s)

### Released on Behalf of Eurofins by

#### Food Integrity Innovation-Madison

Edward Ladwig - Director

Eurofins Food Chemistry Testing Madison, Inc.  
3301 Kinsman Blvd  
Madison WI 53704  
800-675-8375



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## Certificate of Analysis

### Sunsoil

180 Battery Street; Suite 250  
Burlington Vermont 05401

<b>Sample Name:</b>	<b>HW280420F</b>	<b>Eurofins Sample:</b>	<b>9485696</b>
<b>Project ID</b>	SUNSOIL-20200501-0030	<b>Receipt Date</b>	06-May-2020
<b>PO Number</b>	CVD	<b>Receipt Condition</b>	Ambient temperature
<b>Lot Number</b>	HW280420F	<b>Login Date</b>	01-May-2020
<b>Sample Serving Size</b>		<b>Date Started</b>	07-May-2020
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	15701-136ECC6A

Analysis	Limit	Result	Pass/Fail
<b>Mycotoxins in Raw Materials</b>			
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

#### 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)

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#### Food Integrity Innovation-Madison

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<b>Sample Serving Size</b>		<b>Date Started</b>	06-May-2020
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	15701-136ECC6A

Analysis	Limit	Result
<b>Multi-Residue Analysis for hemp products - 60+ compounds</b>		
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
<b>Multi-Residue Analysis for hemp products - 60+ compounds</b>		
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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		<b>Sampled</b>	Sample results apply as received
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Analysis	Limit	Result
<b>Multi-Residue Analysis for hemp products - 60+ compounds</b>		
Trifloxystrobin		<0.10 mg/kg
Metolachlor		<0.10 mg/kg
Pyrethrum (total)		<1.0 mg/kg

#### Method References

#### Testing Location

**Multi-Residue Analysis for hemp products - 60+ compounds (PEST\_HEMP)**

**Food Integrity Innovation-Madison**

3301 Kinsman Blvd Madison, WI 53704 USA

*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

**Food Integrity Innovation-Madison**

**Edward Ladwig - Director**

Eurofins Food Chemistry Testing Madison, Inc.  
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Analysis	Result	Result per Serving
<b>Salmonella BAM</b>		
Salmonella	Negative /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 Integ. Innovation-Madison NE**

**Shannon Jacoby - Business Unit Manager**

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Analysis	Result	Result per Serving
<b>Aerobic Plate Count</b>		
Standard Plate Count	<10 CFU/g	

Method References	Testing Location
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**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

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**Food Integ. Innovation-Madison NE**

**Shannon Jacoby - Business Unit Manager**

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		<b>Sampled</b>	Sample results apply as received
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Analysis	Result	Result per Serving
<b>Yeast and Mold Plate Count</b>		
Yeast Plate Count	<10 CFU/g	
Mold Plate Count	<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
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**Food Integ. Innovation-Madison NE**

**Shannon Jacoby - Business Unit Manager**

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