



# Certificate of Analysis

Powered by Confident Cannabis

Sunsoil

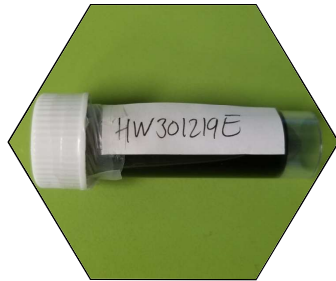
Sample: 1912DBL0470.13056  
METRC Sample:

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

Strain: N/a  
Ordered: 12/31/2019; Sampled: 01/03/2020; Completed: 01/05/2020

**HW301219E**

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

<LOQ



Total THC

1.220%



Total CBD

1.265%



Total Cannabinoids

NT



Moisture

### Cannabinoid Profile

Analyzed by 300.18 UHPLC/PDA

Cannabinoid	Mass	Mass	LOQ
	%	mg/g	%
CBC	0.036	0.36	0.024
CBCa	<LOQ	<LOQ	0.024
CBD	1.155	11.55	0.024
CBDa	0.074	0.74	0.024
CBDV	<LOQ	<LOQ	0.024
CBDVa	<LOQ	<LOQ	0.024
CBG	<LOQ	<LOQ	0.024
CBGa	<LOQ	<LOQ	0.024
CBL	<LOQ	<LOQ	0.024
CBN	<LOQ	<LOQ	0.024
Δ8-THC	<LOQ	<LOQ	0.024
Δ9-THC	<LOQ	<LOQ	0.024
THCa	<LOQ	<LOQ	0.024
THCV	<LOQ	<LOQ	0.024
THCVa	<LOQ	<LOQ	0.024
<b>Total THC</b>	<b>ND</b>	<b>ND</b>	
<b>Total CBD</b>	<b>1.220</b>	<b>12.20</b>	
<b>Total</b>	<b>1.265</b>	<b>12.65</b>	



*Stacy Gardalen*

Stacy Gardalen  
Quality Control

*Glen Marquez*

Glen Marquez  
Quality Control



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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

<b>Sample Name:</b>	<b>HW301219E</b>	<b>Eurofins Sample:</b>	<b>9146751</b>
<b>Project ID</b>	SUNSOIL-20191231-0014	<b>Receipt Date</b>	03-Jan-2020
<b>PO Number</b>	CVD	<b>Receipt Condition</b>	Ambient temperature
<b>Sample Serving Size</b>		<b>Login Date</b>	31-Dec-2019
		<b>Date Started</b>	03-Jan-2020
		<b>Online Order</b>	15701-12CE3AAF

### Analysis

### Result

#### Salmonella BAM

Salmonella

Negative /25 mL

#### Yeast and Mold Plate Count

Yeast Plate Count

<10 CFU/g

Mold Plate Count

<10 CFU/g

#### Aerobic Plate Count

Standard Plate Count

570 CFU/g

#### E.coli and Coliforms (Petrifilm)

Total coliforms

<10 CFU/g

Escherichia Coli

<10 CFU/g

### Method References

### Testing Location

#### Aerobic Plate Count (APC)

EML New Berlin

FDA BAM Ch. 3

AOAC 966.23

CMMEF Ch. 8

#### E.coli and Coliforms (Petrifilm) (ECCOLIPET)

EML New Berlin

AOAC 991.14

#### Salmonella BAM (SALA)

Food Integ. Innovation-Madison NE

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

#### Yeast and Mold Plate Count (YM\_SPRD)

EML New Berlin

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

## Certificate of Analysis

### Sunsoil

180 Battery Street; Suite 250  
Burlington Vermont 05401

<b>Sample Name:</b>	<b>HW301219E</b>	<b>Eurofins Sample:</b>	<b>9146751</b>
<b>Project ID</b>	SUNSOIL-20191231-0014	<b>Receipt Date</b>	03-Jan-2020
<b>PO Number</b>	CVD	<b>Receipt Condition</b>	Ambient temperature
<b>Sample Serving Size</b>		<b>Login Date</b>	31-Dec-2019
		<b>Date Started</b>	03-Jan-2020
		<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	15701-12CE3AAF

Analysis	Result
<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
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**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 US, Inc.  
3301 Kinsman Blvd  
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.

March 16, 2020

**SUNSOIL**

Jacob Goldstein  
180 Battery Street  
Burlington, VT 05401

Order No. 512189  
Sample No. 1046178

## SAMPLE INFORMATION

Description HW301219E  
Category (Type) Edible  
Received March 10, 2020

## ANALYTICAL RESULTS

Analysis Date March 10, 2020 to March 16, 2020

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

Reported by  
**Anresco, Inc.**


Cathy Cheng  
Analyst

March 16, 2020



## CERTIFICATE OF ANALYSIS

### ***Unflavored - FULL SPECTRUM HEMP EXTRACT – 10MG CBD***

Bottle Lot Number: 36547300  
Bulk Batch Number: HW301219E  
Manufacture Date: December 2019  
Best By Date: December 2021  
Strength: 10mg CBD per milliliter (ml) / 600mg CBD per 60ml (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	11.55	10.94	1.155
CBDV	<LOQ	<LOQ	<LOQ
CBDa	0.74	0.70	0.074
CBG	<LOQ	<LOQ	<LOQ
CBGa	<LOQ	<LOQ	<LOQ
CBC	0.36	0.34	0.036
CBN	<LOQ	<LOQ	<LOQ
$\Delta^9$ -THC	<LOQ	<LOQ	<LOQ
THCa	<LOQ	<LOQ	<LOQ
<b>Total THC</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>
<b>Total CBD</b>	<b>12.20</b>	<b>11.56</b>	<b>1.220</b>
<b>Total Cannabinoids</b>	<b>12.65</b>	<b>11.99</b>	<b>1.265</b>

LOQ=0.024% or 0.24 mg/g

*\*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".

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180 Battery Street, Suite 250, Burlington, VT 05401 • [info@sunsoil.com](mailto:info@sunsoil.com)



SUNSOIL®

## CERTIFICATE OF ANALYSIS

### ***UNFLAVORED- FULL SPECTRUM HEMP EXTRACT – 10MG CBD***

Bottle Lot Number: 36547300  
Batch Number: HW301219E  
Manufacture Date: December 2019  
Best By Date: December 2021  
Strength: 10mg CBD per milliliter (ml) / 600mg CBD per 60ml (2oz) bottle

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

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

<b>Glyphosate Testing</b>	<b>Pass/Fail</b>	<b>Specification</b>
Glyphosate Testing	Pass	<10 PPB

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