

November 18, 2019

SUNSOIL

Jacob Goldstein
180 Battery Street
Burlington, VT 05401

Order No. 509848
Sample No. 1038646

SAMPLE INFORMATION

Description HW301019C
Category (Type) Edible
Received November 15, 2019

ANALYTICAL RESULTS

Analysis Cannabinoid Profile
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF12D012
Analysis Date November 15, 2019 to November 18, 2019

Analyte	mg/g	%	mg/ml	Status
δ8 THC	ND	ND	ND	-
δ9 THC	<LOQ (0.92)	<LOQ (0.092)	0.88	-
THCV	ND	ND	ND	-
THCVA	ND	ND	ND	-
δ9 THCA	ND	ND	ND	-
CBD	23.87	2.387	22.83	-
CBDA	3.23	0.323	3.09	-
CBC	1.65	0.165	1.58	-
CBCA	ND	ND	ND	-
CBDV	ND	ND	ND	-
CBG	<LOQ (0.55)	<LOQ (0.055)	0.53	-
CBGA	ND	ND	ND	-
CBN	ND	ND	ND	-
Total THC	<LOQ (0.92)	<LOQ (0.092)	0.88	-
Total CBD	26.7	2.67	25.54	-
Total Cannabinoids	30.22	3.022	28.9	-
Total Active Cannabinoids	29.82	2.982	28.52	-

Label Claims N/P
g/ml Conversion Factor 0.9565

Reported by
Anresco, Inc.



Eric Tam
Senior Chemist

November 18, 2019

Limit of Quantitation: 1.0 mg/g
Limit of Detection: 0.4 mg/g
ND = None Detected
<LOQ = Below Limit of Quantitation
<LOD = Below Limit of Detection

Certificate of Analysis

Eurofins BioDiagnostics, Inc.

507 Highland Drive
River Falls Wisconsin 54022 United States

Sample Name:	CBD MCT Oil	Eurofins Sample:	9023640
Project ID	EUROFINS-20191115-2271	Receipt Date	20-Nov-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	119200240	Login Date	15-Nov-2019
Sample Serving Size		Date Started	21-Nov-2019
		Online Order	14114-1291809C

Analysis

Result

Elements by ICP Mass Spectrometry

Arsenic	<10.0 ppb
Cadmium	<5.00 ppb
Lead	<5.00 ppb
Mercury	<5.00 ppb

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	<1.00 ppb

Glyphosate and AMPA *

Glyphosate	<100 ng/g
AMPA	<100 ng/g

Multi-Residue Analysis for hemp products - 60+ compounds

Matrix Type - To Determine Limit of Quantification (LOQ)	Hemp Oils
Abamectin	<0.10 mg/kg
Aldicarb	<0.05 mg/kg
Aldicarb sulfone (Aldoxycarb)	<0.05 mg/kg
Aldicarb sulfoxide	<0.05 mg/kg
Azoxystrobin	<0.05 mg/kg
Bifenazate	<0.05 mg/kg
Bifenthrin	<0.05 mg/kg
Carbaryl	<0.05 mg/kg
Carbofuran	<0.05 mg/kg
Carbofuran-3-hydroxy-	<0.05 mg/kg
Chlorantraniliprole	<0.05 mg/kg
Chlordane, cis-	<0.05 mg/kg
Chlordane, trans-	<0.05 mg/kg
Chlorfenapyr	<0.05 mg/kg
Chlorpyrifos	<0.05 mg/kg
Coumaphos	<0.05 mg/kg
Cyfluthrin	<0.05 mg/kg
Cypermethrin	<0.05 mg/kg
Cyproconazole (2 diastereoisomers)	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Eurofins Microbiology Laboratories (Los Angeles)

11390 Knott Ave
 Garden Grove, CA 92841
 +1 714 892 0208
 Micro-LosAngeles@EurofinsUS.com

EUUSRF - 4-A25 - Eurofins BioDiagnostics
 (River Falls)

EBDIRF Reports
 507 Highland Dr.
 River Falls, WI 54022

Client Code: QR0000282
PO Number: Hemp INTERCO

Received On: 11/20/2019
Reported On: 11/25/2019

ANALYTICAL REPORT

AR-19-QR-025009-01

Eurofins Sample Code: 111-2019-11200056	Sample Registration Date: 11/20/2019		
Client Sample Code: 119200240	Condition Upon Receipt: 19.4 °C acceptable		
Sample Description: CBD MCT Oil	Sample Reference:		
UMPRE - Aerobic Plate Count - AOAC 966.23	Reference AOAC 966.23	Accreditation A2LA ISO/IEC 17025:2005 3329.05	Analysis Completed 11/22/2019
Parameter Aerobic Plate Count	Result < 10 cfu/g		
UMN2K - Yeast - BAM Chapter 18	Reference FDA BAM Chapter 18	Accreditation A2LA ISO/IEC 17025:2005 3329.05	Analysis Completed 11/25/2019
Parameter Yeast	Result < 10 cfu/g		
Parameter Moulds	Result < 10 cfu/g		
UM73J - Total Coliforms - AOAC 991.14	Reference AOAC 991.14	Accreditation A2LA ISO/IEC 17025:2005 3329.05	Analysis Completed 11/22/2019
Parameter Coliforms	Result < 10 cfu/g		
Parameter Escherichia coli	Result < 10 cfu/g		
UMN6C - Salmonella spp. - AOAC 2004.03	Reference AOAC 2004.03		Analysis Completed 11/22/2019
Parameter Salmonella	Result Not Detected per 25 g		

Respectfully Submitted,



Viridiana Castro
 Microbiology Supervisor





CERTIFICATE OF ANALYSIS

CINNAMON - FULL SPECTRUM HEMP EXTRACT – 20MG CBD

Bottle Lot: 36406700
Bulk Batch Number: HW301019C
Manufacture Date: October 2019
Best By Date: October 2021
Strength: 20mg CBD per milliliter (ml) / 1,200mg CBD per 60ml (2oz) bottle

<u>Cannabinoid:</u>	<u>mg/g (oil potency)</u>	<u>mg/ml (oil potency)</u>	<u>% weight</u>
CBD	23.87	23.67	2.387
CBDV	ND	ND	ND
CBDa	3.23	3.07	0.323
CBG	<0.55	<0.52	<0.055
CBGa	ND	ND	ND
CBC	1.65	1.57	0.165
CBN	ND	ND	ND
Δ^9 -THC	<0.92	<0.87	<0.092
THCa	ND	ND	ND
Total THC	<0.92	<0.87	<0.092
Total CBD	26.7	25.36	2.67
Total Cannabinoids	30.22	28.70	3.022

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”.

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SUNSOIL®

CERTIFICATE OF ANALYSIS

CINNAMON- FULL SPECTRUM HEMP EXTRACT – 20MG CBD

Bottle Lot Number: 36406700
Batch Number: HW301019C
Manufacture Date: October 2019
Best By Date: October 2021
Strength: 20mg CBD per milliliter (ml) / 1,200mg CBD per 60ml (2 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	<100 PPB

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