

Eurofins Microbiology Laboratories (New England)

 646 Camp Ave.
 North Kingstown, RI 02852
 +1 401 352 6950
 Micro-NewEngland@EurofinsUS.com

Sunsoil

 Amanda Ochoa
 180 Battery Street
 Suite 250
 Burlington, VT 05601

ANALYTICAL REPORT

AR-19-UC-004035-01

Client Code: UC0000037

PO Number: 120068

Received On: 08/23/2019

Reported On: 09/06/2019

Eurofins Sample Code:	126-2019-08230019	Sample Registration Date:	08/23/2019
Client Sample Code:	95J - Softgel 20mg (Custom)	Condition Upon Receipt:	20 °C acceptable
Sample Description:	00087575 (D19880407)	Sample Reference:	

SC0G7 - Quantification of Cannabinoids	Reference	Analysis Completed	Sub
	No Reference	09/06/2019	√

Parameter	AS Is Basis	Result
Cannabichromenic Acid (CBCA)	0.012 % (w/w)	0.08 mg/softgel
Cannabicyclol (CBL)	<LOQ % (w/w)	
Cannabidiol (CBD)	3.974 % (w/w)	24.64 mg/softgel
Cannabidiolic Acid (CBDA)	0.229 % (w/w)	1.42 mg/softgel
Cannabidivarin (CBDV)	0.025 % (w/w)	0.15 mg/softgel
Cannabidivarinic Acid (CBDVA)	Not Detected % (w/w)	
Cannabigerol (CBG)	0.072 % (w/w)	0.45 mg/softgel
Cannabigerolic Acid (CBGA)	Not Detected % (w/w)	
Cannabichromene (CBC)	0.306 % (w/w)	1.90 mg/softgel
Cannabinol (CBN)	0.005 % (w/w)	0.03 mg/softgel
Cannabinolic Acid (CBNA)	Not Detected % (w/w)	
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.131 % (w/w)	0.81 mg/softgel
Δ8-Tetrahydrocannabinol (Δ8-THC)	Not Detected % (w/w)	
Tetrahydrocannabinolic acid (THCA-A)	Not Detected % (w/w)	
Tetrahydrocannabivarin (THCV)	Not Detected % (w/w)	
Tetrahydrocannabivarinic Acid (THCVA)	Not Detected % (w/w)	
Total THC	0.131 % (w/w)	0.81 mg/softgel
Total Cannabinoids	4.755 % (w/w)	29.48 mg/softgel

KK730 - Serving Size (Content Weight)	Reference	Analysis Completed	Sub
	No Reference	09/06/2019	√

Parameter	AS Is Basis	Result
Serving Size	1.00 softgel	
Units Per Serving	1	
Average Content Weight	619.91 mg	

Sunsoil

Amanda Ochoa
180 Battery Street
Suite 250
Burlington, VT 05601

ANALYTICAL REPORT

AR-19-UC-004035-01

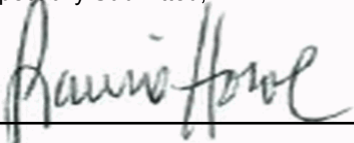
Client Code: UC0000037

PO Number: 120068

Received On: 08/23/2019

Reported On: 09/06/2019

Respectfully Submitted,



Laurie Howe
Lab Supervisor

Subcontracting partners:

Eurofins Scientific Inc. (Petaluma), CA
Eurofins BioDiagnostics (River Falls),
USA

Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an "As Received" basis unless otherwise stated. | Reports shall not be reproduced except in full without written permission of Eurofins Scientific, Inc. | All work done in accordance with Eurofins General Terms and Conditions of Sale : www.eurofinsus.com/terms_and_conditions.pdf | √ Indicates a subcontract test to a different lab. Lab(s) are listed at end of the report. For further details about the performing labs please contact your customer service contact at Eurofins. Measurement of uncertainty can be obtained upon request.

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-0000052-LIC

MANUFACTURER:

Sunsoil
Jacob Goldstein
180 Battery Street
Burlington, VT 05401



SAMPLE INFORMATION

Sample No.: 1043701
Product Name: D19880407
Matrix: Edible

Date Received: 02/05/2020
Date Reported: 02/10/2020

TEST SUMMARY

Heavy Metal Screen: ✔ Pass
Other Analyses:
Overall: ✔ Pass

MICROBIOLOGICAL SCREEN

02/07/2020

Analyte	Method	Finding
SPC	FDA BAM	<10 cfu/g
Yeast	AOAC 2014.05	<10 cfu/g
Mold	AOAC 2014.05	<10 cfu/g
Coliforms	FDA BAM - ECC Agar	<10 cfu/g
E. coli	FDA BAM - ECC Agar	<10 cfu/g
Salmonella	AOAC 2016.01	Negative/1g
STEC	3M MDS STEC/EAE	Negative/1g

HEAVY METAL SCREEN ✔ Pass

02/06/2020

Method: MF 24E020
Instrument: ICP-MS

Analyte	LOD / LOQ (µg/g)	Finding (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	ND	1.5	Pass
Cadmium	0.02/0.05	ND	0.5	Pass
Mercury	0.02/0.05	ND	3.0	Pass
Lead	0.02/0.05	ND	0.5	Pass

OTHER ANALYSES

Analyte	Method	Instrument	Finding	LOD	LOQ	Date Completed
Glyphosate	Anresco MF 2P030	LC-MS/MS	None Detected	2	5	02/10/2020
AMPA	Anresco MF 2P030	LC-MS/MS	None Detected	2	5	02/10/2020

(-) = Not Tested, ND = None Detected, <LOQ = Below Limit of Quantitation, LOD = Limit of Detection

Reported by



Vu Lam
Lab Co Director



Scan to verify



CERTIFICATE OF ANALYSIS

SOFTGELS - FULL SPECTRUM HEMP EXTRACT – 20MG CBD

Bottle Lot Number: 36397400
Bulk Batch Number: D19880407
Manufacture Date: July 2019
Best By Date: July 2021
Strength: 20mg CBD per softgel / 600mg CBD per 30ct bottle / 1,800mg CBD per 90ct bottle

<u>Cannabinoid:</u>	<u>mg/g (oil potency)</u>	<u>mg/capsule (softgel potency)</u>	<u>% weight</u>
CBD	39.74	24.64	3.974
CBDV	0.25	0.15	0.025
CBDa	2.29	1.42	0.229
CBG	0.72	0.45	0.072
CBGa	ND	ND	ND
CBC	3.06	1.90	0.306
CBN	0.05	0.03	0.005
Δ^9 -THC	1.31	0.81	0.131
THCa	ND	ND	ND
Total THC	1.31	0.81	0.131
Total CBD		27.71	
Total Cannabinoids	47.55	29.48	4.755

**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

SOFTGELS - FULL SPECTRUM HEMP EXTRACT – 20MG CBD

Bottle Lot Number: 36397400
Batch Number: D19880407
Manufacture Date: July 2019
Best By Date: July 2021
Strength: 20mg CBD per milliliter (ml) / 600mg CBD per 30ct bottle/1,800 mg CBD per 90ct 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".

• MADE IN VERMONT •