

Eurofins Microbiology Laboratories (New England)

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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

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

<b>SC0G7 - Quantification of Cannabinoids</b>	<b>Reference</b>	<b>Analysis Completed</b>	<b>Sub</b>
	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

<b>KK730 - Serving Size (Content Weight)</b>	<b>Reference</b>	<b>Analysis Completed</b>	<b>Sub</b>
	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	

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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](http://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, &lt;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: 36298600  
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

<b><u>Cannabinoid:</u></b>	<b><u>mg/g (oil potency)</u></b>	<b><u>mg/capsule (softgel potency)</u></b>	<b><u>% weight</u></b>
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
$\Delta^9$ -THC	1.31	0.81	0.131
THCa	ND	ND	ND
<b>Total THC</b>	<b>1.31</b>	<b>0.81</b>	<b>0.131</b>
<b>Total CBD</b>		<b>27.71</b>	
<b>Total Cannabinoids</b>	<b>47.55</b>	<b>29.48</b>	<b>4.755</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”.

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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

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