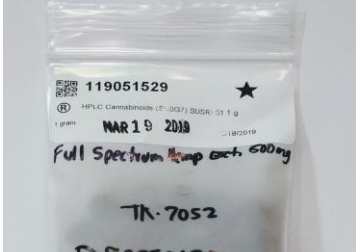


Certificate of Analysis

507 Highland Drive
 River Falls, WI, 54022
 Phone: (715) 426-0246
 Fax: (715) 426-0251
 www.eurofinsus.com/biodiagnostics

Customer Name: Sunsoil
Office: Burlington, VT
Street Address: 180 Battery St Ste 250
City, State, Zip: Burlington, VT 05401
Phone:

Date Reported: 03/20/2019
Date Completed: 03/20/2019
Date Received: 03/18/2019
Testing Method: HPLC-DAD

Sample Information		Cannabinoid Name	ID	Weight %	Conc. mg/g	Conc. mg/capsule
Sample No:	119051529	Cannabichromenic Acid	CBCA	0.024	0.24	0.12
Crop:	Hemp, Industrial	Cannabicyclol	CBL	0.006	0.06	0.03
Variety:	Full Spectrum Hemp Extract, 600mg	Cannabidiol	CBD	4.055	40.55	20.83
Lot:	D90550130	Cannabidiolic Acid	CBDA	0.321	3.21	1.65
Seed Size:		Cannabidivarin	CBDV	ND	ND	ND
Customer Tracking#:	Average fill weight 513.7 mg	Cannabidivarinic Acid	CBDVA	ND	ND	ND
Seeds Per Pound:		Cannabigerol	CBG	0.078	0.78	0.40
Batch:		Cannabigerolic Acid	CBGA	ND	ND	ND
LIMS:		Cannabichromene	CBC	0.318	3.18	1.63
IL:		Cannabinol	CBN	0.005	0.05	0.02
Comments:		Cannabinolic Acid	CBNA	ND	ND	ND
		Δ 9-Tetrahydrocannabinol	Δ 9-THC	0.160	1.60	0.82
		Δ 8-Tetrahydrocannabinol	Δ 8-THC	ND	ND	ND
		Tetrahydrocannabinolic Acid A	THCA-A	ND	ND	ND
		Tetrahydrocannabivarin	THCV	ND	ND	ND
		Tetrahydrocannabivarinic Acid	THCVA	ND	ND	ND
		Total Cannabinoids		4.967	49.67	25.51
		Total THC*		0.160	1.60	0.82

*Total THC is calculated as the sum of Δ 9-THC + Δ 8-THC + (THCA-A * 0.877) + THCV + (THCV-A * 0.877).

Eurofins BioDiagnostics, Inc. warrants that it uses due care when performing tests for its customers. However, testing results are only reflective of the sample submitted by the customer. Eurofins BioDiagnostics, Inc. does not warrant the sample is representative of the seed lot from which the sample is drawn. Except for the testing services provided, Eurofins BioDiagnostics, Inc. makes no warranties or guarantees of any kind, expressed or implied, with respect to the services rendered.



Joseph Zalusky

Joseph Zalusky
 Approved Chemist, Gas Chromatography
 American Oil Chemists' Society (AOCS)

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.: 1043702
Product Name: D90550130
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	<LOQ	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: 36116800
Bulk Batch Number: D90550130
Manufacture Date: March 2019
Best By Date: March 2021
Strength: 20mg CBD per softgel / 600mg CBD per 30ct bottle / 1,800mg CBD per 90ct bottle

Batch: D90550130

<u>Cannabinoid:</u>	<u>mg/g (oil potency)</u>	<u>mg/capsule (softgel potency)</u>	<u>% weight</u>
CBD	40.55	20.83	
CBDV	ND	ND	
CBDa	3.21	1.65	
CBG	0.78	0.40	
CBGa	ND	ND	
CBC	3.18	1.63	
CBN	0.05	0.02	
Δ^9 -THC	1.60	0.82	0.160
THCa	ND	ND	ND
Total THC	1.60	0.82	0.160
Total CBD		22.28	
Total Cannabinoids	50.94	25.77	

**This product contains less than 0.3% THC per hemp regulations*

LOQ = 0.005% or 0.05 mg/g

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

SOFTGELS - FULL SPECTRUM HEMP EXTRACT – 20MG CBD

Bottle Lot Number: 36116800
Batch Number: D90550130
Manufacture Date: March 2019
Best By Date: March 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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