

Certificate of Analysis

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 River Falls, WI, 54022
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 www.eurofinsus.com/biodiagnostics

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

Date Reported: 06/12/2019
Date Completed: 06/09/2019
Date Received: 06/04/2019
Testing Method: HPLC-DAD

Sample Information		Cannabinoid Name	ID	Weight %	Conc. mg/g	Conc. mg/mL
Sample No:	119087641	Cannabichromenic Acid	CBCA	0.014	0.14	
Crop:	Hemp, Industrial	Cannabicyclol	CBL	<LOQ	<LOQ	
Variety:	CBD Coconut Oil	Cannabidiol	CBD	2.247	22.47	
Lot:	S010	Cannabidiolic Acid	CBDA	0.301	3.01	
Seed Size:	S010-5/30/10	Cannabidivarin	CBDV	0.029	0.29	
Customer Tracking#:		Cannabidivarinic Acid	CBDVA	ND	ND	
Seeds Per Pound:		Cannabigerol	CBG	0.038	0.38	
Batch:		Cannabigerolic Acid	CBGA	ND	ND	
LIMS:		Cannabichromene	CBC	0.149	1.49	
IL:		Cannabinol	CBN	<LOQ	<LOQ	
		Cannabinolic Acid	CBNA	ND	ND	
Comments:	LOQ= 50 ppm or 0.005 wt %	Δ^9 -Tetrahydrocannabinol	Δ^9 -THC	0.087	0.87	
		Δ^8 -Tetrahydrocannabinol	Δ^8 -THC	ND	ND	
		Tetrahydrocannabinolic Acid A	THCA-A	0.005	0.05	
		Tetrahydrocannabivarin	THCV	ND	ND	
		Tetrahydrocannabivarinic Acid	THCVA	ND	ND	
		Total Cannabinoids		2.872	28.72	
		Total THC*		0.092	0.92	



*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.: 1043705
Product Name: S010
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

Analysis	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



SUNSOIL®

CERTIFICATE OF ANALYSIS

EDIBLE SALVE - FULL SPECTRUM HEMP EXTRACT – 20MG CBD

Bottle Lot: 36184100
Bulk Batch: S010
Manufacture Date: June 2019
Best By Date: June 2021
Strength: 20mg CBD per milliliter (ml) / 600mg CBD per 30ml (1oz) jar

<u>Cannabinoid:</u>	<u>mg/g (oil potency)</u>	<u>mg/ml (oil potency)</u>	<u>% weight</u>
CBD	22.47	20.76	
CBDV	0.29	0.26	
CBDa	3.01	2.78	
CBG	0.38	0.35	
CBGa	ND	ND	
CBC	1.49	1.37	
CBN	<LOQ	<LOQ	
Δ^9 -THC	0.87	0.80	0.087
THCa	0.05	0.046	0.005
Total THC	0.92	0.85	0.092
Total CBD		23.54	
Total Cannabinoids	28.72	26.53	

*LOQ = 0.005 or 0.05 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”.

• MADE IN VERMONT •

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CERTIFICATE OF ANALYSIS

EDIBLE SALVE- FULL SPECTRUM HEMP EXTRACT – 20MG CBD

Bottle Lot Number: 36184100
Batch Number: S010
Manufacture Date: June 2019
Best By Date: June 2021
Strength: 20mg CBD per milliliter (ml) / 600mg CBD per 30ml (1oz) jar

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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