

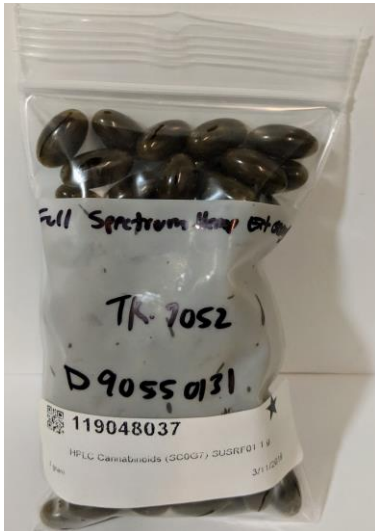
Certificate of Analysis

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 Street; Ste 250
City, State, Zip: Burlington, VT 05401
Phone:

Date Reported: 03/14/2019
Date Completed: 03/13/2019
Date Received: 03/11/2019
Testing Method: HPLC

| Sample Information | Cannabinoid Name | ID | Weight % | Conc. mg/g | Conc. mg/capsule |
|---|---------------------------------|----------------|--------------|--------------|------------------|
| Sample No: 119048037 | Cannabichromenic Acid | CBCA | 0.023 | 0.23 | 0.12 |
| Crop: Hemp, Industrial | Cannabicyclol | CBL | 0.005 | 0.05 | 0.03 |
| Variety: Full Spectrum Hemp Extract, 500mg | Cannabidiol | CBD | 4.110 | 41.10 | 20.79 |
| Lot: D90550131 | Cannabidiolic Acid | CBDA | 0.321 | 3.21 | 1.62 |
| Seed Size: | Cannabidivarin | CBDV | 0.080 | 0.80 | 0.40 |
| Customer Tracking#: Fill weight 505.8 mg/capsule | Cannabidivarinic Acid | CBDVA | <LOQ | <LOQ | <LOQ |
| Seeds Per Pound: | Cannabigerol | CBG | 0.075 | 0.75 | 0.38 |
| Batch: | Cannabigerolic Acid | CBGA | 0.010 | 0.10 | 0.05 |
| LIMS: | Cannabichromene | CBC | 0.311 | 3.11 | 1.57 |
| IL: | Cannabinol | CBN | <LOQ | <LOQ | <LOQ |
| Comments: | Cannabinolic Acid | CBNA | ND | ND | ND |
| | Δ 9-Tetrahydrocannabinol | Δ 9-THC | 0.146 | 1.46 | 0.74 |
| | Δ 8-Tetrahydrocannabinol | Δ 8-THC | ND | ND | ND |
| | Tetrahydrocannabinolic Acid A | THCA-A | 0.006 | 0.06 | 0.03 |
| | Tetrahydrocannabivarin | THCV | 0.005 | 0.05 | 0.03 |
| | Tetrahydrocannabivarinic Acid | THCVA | ND | ND | ND |
| | Total Cannabinoids | | 5.094 | 50.94 | 25.77 |
| | Total THC* | | 0.158 | 1.58 | 0.80 |



*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.: 1043700
Product Name: D90550131
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 | 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



Scan to verify



SUNSOIL®

CERTIFICATE OF ANALYSIS

SOFTGELS - FULL SPECTRUM HEMP EXTRACT – 20MG CBD

Bottle Lot Number: 35629300
Bulk Batch Number: D90550131
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

| <u>Cannabinoid:</u> | <u>mg/g (oil potency)</u> | <u>mg/capsule (softgel potency)</u> | <u>% weight</u> |
|----------------------------|----------------------------------|--|------------------------|
| CBD | 41.10 | 20.79 | |
| CBDV | 0.80 | 0.40 | |
| CBDa | 3.21 | 1.62 | |
| CBG | 0.75 | 0.38 | |
| CBGa | 0.10 | 0.05 | |
| CBC | 3.11 | 1.57 | |
| CBN | <LOQ | <LOQ | |
| Δ ⁹ -THC | 1.46 | 0.74 | 0.146 |
| THCa | 0.06 | 0.03 | 0.006 |
| Total THC | 1.58 | 0.80 | 0.158 |
| Total CBD | | 22.21 | |
| 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”.

• MADE IN VERMONT •

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Batch Number: D90550131
Manufacture Date: March 2019
Best By Date: March 2021
Strength: 20mg CBD per softgel/ 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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