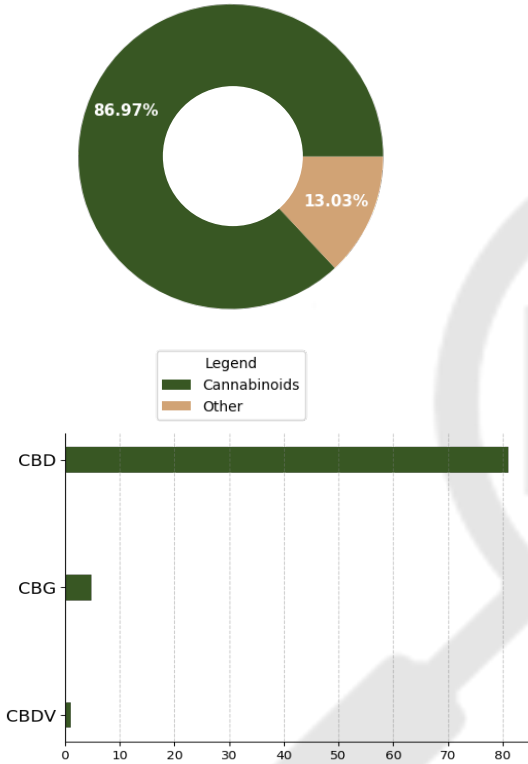


|                     |            |                  |            |                   |                        |
|---------------------|------------|------------------|------------|-------------------|------------------------|
| <b>Batch ID:</b>    | TF0030     | <b>Received:</b> | 06/22/2021 | <b>Analysis:</b>  | 18 Cannabinoid Potency |
| <b>Sample Type:</b> | Distillate | <b>Analyzed:</b> | 06/23/2021 | <b>Method:</b>    | 2021.18P.01            |
|                     |            | <b>Test ID:</b>  | 848        | <b>Equipment:</b> | UHPLC                  |

**CANNABINOID PROFILE**
**TOTAL CANNABINOID CONTENT**


| Cannabinoid                         | LOD (%)  | LOQ (%)  | Result (%)   | Result (mg/g) |
|-------------------------------------|----------|----------|--------------|---------------|
| Cannabidiol (CBD)                   | 5.85e-05 | 1.77e-04 | 81.12        | 811.16        |
| Cannabigerol (CBG)                  | 5.46e-05 | 1.66e-05 | 4.82         | 48.19         |
| Δ9-Tetrahydrocannabinol (Δ9-THC)    | 4.87e-05 | 1.48e-04 | ND           | ND            |
| Cannabicitran (CBT)                 | 5.03e-05 | 1.52e-04 | ND           | ND            |
| Cannabichromene (CBC)               | 4.96e-05 | 1.50e-04 | ND           | ND            |
| Cannabinol (CBN)                    | 4.94e-05 | 1.50e-04 | ND           | ND            |
| Cannabicyclol (CBL)                 | 2.04e-05 | 6.19e-05 | ND           | ND            |
| Cannabicyclic acid (CBLA)           | 3.88e-05 | 1.17e-04 | ND           | ND            |
| Tetrahydrocannabivarin (THCV)       | 5.74e-05 | 1.74e-04 | ND           | ND            |
| Δ8-Tetrahydrocannabinol (Δ8-THC)    | 6.81e-05 | 2.06e-04 | ND           | ND            |
| Cannabinolic (CBNA)                 | 2.56e-05 | 7.76e-05 | ND           | ND            |
| Tetrahydrocannabivarin Acid (THCVA) | 5.24e-05 | 1.59e-04 | ND           | ND            |
| Cannabigerolic acid (CBGA)          | 5.18e-05 | 1.57e-04 | ND           | ND            |
| Cannabidiolic acid (CBDA)           | 5.53e-05 | 1.68e-04 | ND           | ND            |
| Cannabidivarin (CBDV)               | 4.64e-05 | 1.41e-04 | 1.03         | 10.32         |
| Tetrahydrocannabinolic Acid (THCA)  | 5.99e-05 | 1.82e-04 | ND           | ND            |
| Cannabichromenic acid (CBCA)        | 5.41e-05 | 1.64e-04 | ND           | ND            |
| Cannabidivarinic Acid (CBDVA)       | 4.88e-05 | 1.48e-04 | ND           | ND            |
| <b>Total Cannabinoid**</b>          |          |          | <b>86.97</b> | <b>869.67</b> |
| <b>Total Potential THC*</b>         |          |          | <b>0.00</b>  | <b>0.00</b>   |
| <b>Total Potential CBD*</b>         |          |          | <b>81.12</b> | <b>811.16</b> |
| <b>Total Potential CBG*</b>         |          |          | <b>4.82</b>  | <b>48.19</b>  |

\* Total Potential THC/CBD/CBG is calculated using the following formulas to consider the loss of a carboxyl group during decarboxylation step.

\* Total THC = THC + (THCa \*(0.877)) and Total CBD = CBD + (CBDA \*(0.877)) and Total CBG = CBG + (CBGa\*(0.877))




\*\* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

**REMARKS**

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

**FINAL AUTHORIZATION**

|  |   |   |
|--|---|---|
|  |  |  |
| Brian McCoy 06/23/2021 03:23 PM  | Logan Cline 06/24/2021 08:51 AM   | Madi Smith 06/24/2021 09:35 AM  |
| <b>ANALYZED BY/DATE</b>  | <b>AUTHORIZED BY/DATE</b>   | <b>RELEASED BY/DATE</b>   |

Laboratory results are based on the sample submitted to Extract Labs, INC, in the condition it was received. Extract Labs, INC, warrants that all analyses performed are in accordance with ISO/IEC 17025:2017. All data is generated using NIST traceable reference material and all reports are produced with the highest regard for scientific integrity. Reports can only be reproduced with the written consent of Extract Labs, INC.

|              |            |           |            |            |                   |
|--------------|------------|-----------|------------|------------|-------------------|
| Batch ID:    | TF0030     | Received: | 06/22/2021 | Analysis:  | Residual Solvents |
| Sample Type: | Distillate | Analyzed: | 06/23/2021 | Method:    | 2021.RS.01        |
|              |            | Test ID:  | 849        | Equipment: | GCMS              |

**RESIDUAL SOLVENTS**

| SOLVENT           | REPORTABLE RANGE | RESULT (ppm) |
|-------------------|------------------|--------------|
| Acetone           | 100 - 1000       | *ND          |
| Acetonitrile      | 100 - 1000       | *ND          |
| Benzene           | 0.2 - 4          | *ND          |
| Butanes           | 100 - 1000       | *ND          |
| Ethanol           | 100 - 1000       | *ND          |
| Ethyl Acetate     | 100 - 1000       | *ND          |
| Heptane           | 100 - 1000       | *ND          |
| Hexanes           | 6 - 120          | *ND          |
| Isopropyl Alcohol | 100 - 1000       | *ND          |
| Methanol          | 100 - 1000       | *ND          |
| Pentanes          | 100 - 1000       | *ND          |
| Propane           | 100 - 1000       | *ND          |
| Toluene           | 18 - 360         | *ND          |
| Xylenes           | 43 - 860         | *ND          |

\*ND = Below Reportable Range

**REMARKS**

Passed visual inspection for particulates, mold, mildew, and other foreign substances.

**FINAL AUTHORIZATION**


Brian McCoy 06/23/2021 03:55 PM

ANALYZED BY/DATE



Logan Cline 06/24/2021 08:51 AM

AUTHORIZED BY/DATE



Madi Smith 06/24/2021 09:35 AM

RELEASED BY/DATE

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## Product Specification

### CBD THC-Free Broad Spectrum Distillate

#### Product Information

|                      |   |
|----------------------|---|
| Product              | CBD THC-Free Bulk Oil                                       |
| Botanical name       | <i>Cannabis sativa</i> L.                                   |
| Plant Part           | Flower  |
| Country of Origin    | USA   |
| Extraction Process   | CO2 Extraction, Winterization, Distillation, Chromatography |
| Ingredient Statement | CO2-Extracted Hemp Oil                                      |

#### Organoleptic Description

|            |   |
|------------|---|
| Appearance | Medium to dark amber, thick oily liquid. May crystallize. |
| Aroma      | Typical   |
| Taste      | Characteristic  |

#### Physical Characteristics

|                                     |        |
|-------------------------------------|--------|
| Cannabidiol Content (CBD):          | 79-95% |
| Cannabigerol Content (CBG):         | 2-7%   |
| Tetrahydrocannabinol Content (THC): | 0.0%   |

#### Shelf Life

Shelf life in original glass jar for up to 1 year.

#### Packaging

Glass jar, size dependent on individual order.

#### Recommended Storage Conditions

Store at ambient conditions in airtight container.

#### Kosher Certification

CBD THC-Free Oil is certified Kosher by the Orthodox Union, UKD-ID: OUV3-5B89433.

#### GMP Certification

This product was produced in a cGMP Compliant Facility, audited through Eurofins, Certificate #4949.

I declare that the information given is believed to be correct as of date specified below.

Name: Alyssa Rosenblum

Title: Quality Manager

Date: January 7<sup>th</sup>, 2020

KF

|                  |        |                   |                       |
|------------------|--------|-------------------|-----------------------|
| <b>Batch ID:</b> | N/A    | <b>Test ID:</b>   | T000107185            |
| <b>Type:</b>     | Plant  | <b>Submitted:</b> | 10/30/2020 @ 12:08 PM |
| <b>Test:</b>     | Metals | <b>Started:</b>   | 11/4/2020             |
| <b>Method:</b>   | TM19   | <b>Reported:</b>  | 11/4/2020             |

## HEAVY METALS

| Analyte | Dynamic Range (ppm) | Result (ppm) |
|---------|---------------------|--------------|
| Arsenic | 0.036 - 3.56        | ND           |
| Cadmium | 0.035 - 3.49        | ND           |
| Mercury | 0.036 - 3.56        | ND           |
| Lead    | 0.034 - 3.40        | ND           |

\* ND = None Detected (Defined by Dynamic Range of the method)

## FINAL APPROVAL

Daniel Weidensaul  
4-Nov-2020  
5:58 PMGreg Zimpfer  
4-Nov-2020  
8:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.

**KF**


|                  |            |                   |                       |
|------------------|------------|-------------------|-----------------------|
| <b>Batch ID:</b> |            | <b>Test ID:</b>   | T000107184            |
| <b>Type:</b>     | Plant      | <b>Submitted:</b> | 10/30/2020 @ 12:08 PM |
| <b>Test:</b>     | Pesticides | <b>Started:</b>   | 11/3/2020             |
| <b>Method:</b>   |            | <b>Reported:</b>  | 11/4/2020             |


**PESTICIDE RESIDUE**

| Compound            | Dynamic Range (ppb) | Result (ppb) | Compound        | Dynamic Range (ppb) | Result (ppb) |
|---------------------|---------------------|--------------|-----------------|---------------------|--------------|
| Acephate            | 38 - 2235           | ND*          | Malathion       | 272 - 2235          | ND*          |
| Acetamiprid         | 37 - 2235           | ND*          | Metalaxyl       | 261 - 2235          | ND*          |
| Abamectin           | >250                | ND*          | Methiocarb      | 38 - 2235           | ND*          |
| Azoxystrobin        | 41 - 2235           | ND*          | Methomyl        | 37 - 2235           | ND*          |
| Bifenazate          | 271 - 2235          | ND*          | MGK 264 1       | 143 - 2235          | ND*          |
| Boscalid            | 265 - 2235          | ND*          | MGK 264 2       | 109 - 2235          | ND*          |
| Carbaryl            | 38 - 2235           | ND*          | Myclobutanil    | 39 - 2235           | ND*          |
| Carbofuran          | 38 - 2235           | ND*          | Naled           | 256 - 2235          | ND*          |
| Chlorantraniliprole | 247 - 2235          | ND*          | Oxamyl          | 35 - 2235           | ND*          |
| Chlorpyrifos        | 273 - 2235          | ND*          | Paclobutrazol   | 39 - 2235           | ND*          |
| Clofentezine        | 259 - 2235          | ND*          | Permethrin      | 282 - 2235          | ND*          |
| Diazinon            | 272 - 2235          | ND*          | Phosmet         | 266 - 2235          | ND*          |
| Dichlorvos          | >242                | ND*          | Prophos         | 249 - 2235          | ND*          |
| Dimethoate          | 37 - 2235           | ND*          | Propoxur        | 38 - 2235           | ND*          |
| E-Fenpyroximate     | 291 - 2235          | ND*          | Pyridaben       | 39 - 2235           | ND*          |
| Etofenprox          | 43 - 2235           | ND*          | Spinosad A      | 38 - 2235           | ND*          |
| Etoxazole           | 42 - 2235           | ND*          | Spinosad D      | 11 - 2235           | ND*          |
| Fenoxycarb          | >253                | ND*          | Spiromesifen    | >30                 | ND*          |
| Fipronil            | 315 - 2235          | ND*          | Spirotetramat   | >256                | ND*          |
| Flonicamid          | 40 - 2235           | ND*          | Spiroxamine 1   | 15 - 2235           | ND*          |
| Fludioxonil         | >299                | ND*          | Spiroxamine 2   | 21 - 2235           | ND*          |
| Hexythiazox         | 297 - 2235          | ND*          | Tebuconazole    | 274 - 2235          | ND*          |
| Imazalil            | 55 - 2235           | ND*          | Thiacloprid     | 37 - 2235           | ND*          |
| Imidacloprid        | 39 - 2235           | ND*          | Thiamethoxam    | 36 - 2235           | ND*          |
| Kresoxim-methyl     | 246 - 2235          | ND*          | Trifloxystrobin | 38 - 2235           | ND*          |

\* ND = None Detected (Defined by Dynamic Range of the method)

N/A

**FINAL APPROVAL**

 Tyler Wiese  
 4-Nov-2020  
 5:59 PM


 Greg Zimpfer  
 4-Nov-2020  
 8:39 PM

PREPARED BY / DATE

APPROVED BY / DATE

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