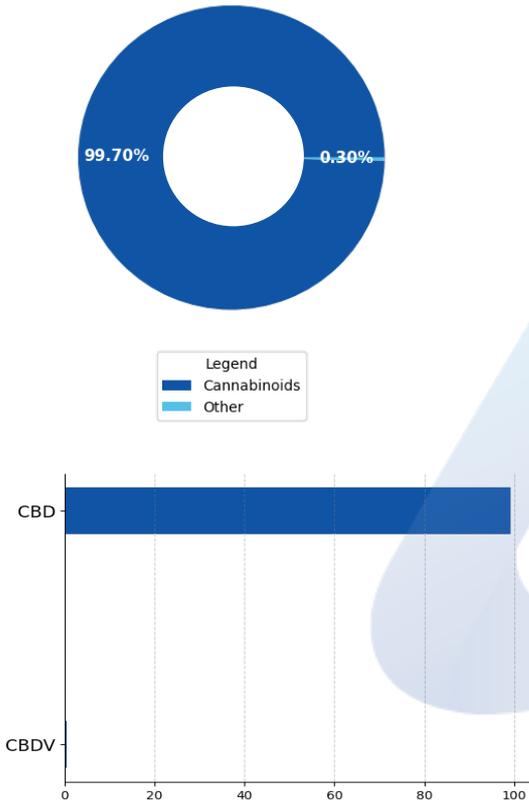


**CBD Isolate**

|                     |            |                  |            |                   |                        |
|---------------------|------------|------------------|------------|-------------------|------------------------|
| <b>Batch ID:</b>    | 2211011102 | <b>Received:</b> | 03/28/2022 | <b>Analysis:</b>  | 15 Cannabinoid Potency |
| <b>Sample Type:</b> | Isolate    | <b>Analyzed:</b> | 02/22/2022 | <b>Method:</b>    | 2021.15P.01            |
|                     |            | <b>Test ID:</b>  | 2743       | <b>Equipment:</b> | HPLC                   |

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


| Cannabinoid                         | LOD (%)  | LOQ (%)  | Result (%)         | Result (mg/g) |
|-------------------------------------|----------|----------|--------------------|---------------|
| Cannabidiol (CBD)                   | 5.90e-05 | 1.80e-04 | 99.30 ± 2.7        | 993.05        |
| Cannabigerol (CBG)                  | 5.20e-05 | 1.60e-04 | ND                 | ND            |
| Δ9-Tetrahydrocannabinol (Δ9-THC)    | 4.90e-05 | 1.50e-04 | ND                 | ND            |
| Cannabicitran (CBT)                 | 5.20e-05 | 1.60e-04 | ND                 | ND            |
| Cannabichromene (CBC)               | 3.90e-05 | 1.20e-04 | ND                 | ND            |
| Cannabinol (CBN)                    | 5.00e-05 | 1.50e-04 | ND                 | ND            |
| Cannabicyclol (CBL)                 | 2.50e-05 | 7.60e-05 | ND                 | ND            |
| Tetrahydrocannabivarin (THCV)       | 3.70e-05 | 1.10e-04 | ND                 | ND            |
| Δ8-Tetrahydrocannabinol (Δ8-THC)    | 6.20e-05 | 1.90e-04 | ND                 | ND            |
| Tetrahydrocannabivarin Acid (THCVA) | 3.80e-05 | 1.20e-04 | ND                 | ND            |
| Cannabigerolic acid (CBGA)          | 1.10e-04 | 3.40e-04 | ND                 | ND            |
| Cannabidiolic acid (CBDA)           | 9.60e-05 | 2.90e-04 | ND                 | ND            |
| Cannabidivarin (CBDV)               | 2.90e-05 | 8.80e-05 | 0.39 ± 0.011       | 3.93          |
| Tetrahydrocannabinolic Acid (THCA)  | 1.70e-04 | 5.10e-04 | ND                 | ND            |
| Cannabidivarinic Acid (CBDVA)       | 3.10e-05 | 9.50e-05 | ND                 | ND            |
| <b>Total Cannabinoid**</b>          |          |          | <b>99.70</b>       | <b>996.98</b> |
| <b>Total Potential THC*</b>         |          |          | <b>ND</b>          | <b>ND</b>     |
| <b>Total Potential CBD*</b>         |          |          | <b>99.30 ± 2.7</b> | <b>993.05</b> |
| <b>Total Potential CBG*</b>         |          |          | <b>ND</b>          | <b>ND</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, Analytical Chemist  
 02/22/2022 02:04 PM

**ANALYZED BY/DATE**



Logan Cline, Director of Analytical Development  
 02/22/2022 02:22 PM

**AUTHORIZED BY/DATE**



John Reser, Quality Analyst  
 02/22/2022 02:51 PM

**RELEASED BY/DATE**

Laboratory results are based on the sample submitted to Minova Laboratories in the condition it was received. Minova Laboratories 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 Minova Laboratories.

**CBD Isolate**

|                     |            |                  |            |                   |                   |
|---------------------|------------|------------------|------------|-------------------|-------------------|
| <b>Batch ID:</b>    | 2211011102 | <b>Received:</b> | 03/28/2022 | <b>Analysis:</b>  | Residual Solvents |
| <b>Sample Type:</b> | Isolate    | <b>Analyzed:</b> | 02/22/2022 | <b>Method:</b>    | 2021.RS.01        |
|                     |            | <b>Test ID:</b>  | 2744       | <b>Equipment:</b> | 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       | 257          |
| 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, Analytical Chemist  
 02/22/2022 01:06 PM

**ANALYZED BY/DATE**


 Logan Cline, Director of Analytical Development  
 02/22/2022 01:22 PM

**AUTHORIZED BY/DATE**


 John Reser, Quality Analyst  
 02/22/2022 01:41 PM

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## Product Specification

### Cannabidiol, CBD Isolate

#### Product Information

|                      |  |
|----------------------|--|
| Product              | CBD Isolate  |
| Botanical name       | <i>Cannabis sativa</i> L.                              |
| Plant Part           | Flower   |
| Country of Origin    | USA  |
| Extraction Process   | CO2 Extraction, Winterization, Distillation, Isolation |
| Ingredient Statement | CO2-Extracted CBD Isolate                              |

#### Organoleptic Description

|            |                  |
|------------|------------------|
| Appearance | White dry powder |
| Aroma      | Typical          |
| Taste      | Characteristic   |

#### Physical Characteristics

|                                     |          |
|-------------------------------------|----------|
| Cannabidiol Content (CBD):          | 98-99.9% |
| Tetrahydrocannabinol Content (THC): | 0.0%     |

#### Shelf Life

Shelf life in original glass jar for up to 2 years.

#### Packaging

Glass jar, size dependent on individual order.

#### Recommended Storage Conditions

Store at ambient conditions in airtight container.

#### Kosher Certification

CBD Isolate is certified Kosher by the Orthodox Union, UKD-ID: OUV3-3DMSMC9.

#### 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: Nick Peters

Title: Quality Manager

Date: March 9, 2022

Version: 1.1

Version Date: 3/9/2022