

**SAMPLE NAME: CBD Isolate**

Other

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR**

**Business Name:** Deep Relief CBD

**License Number:**

**Address:**

**SAMPLE DETAIL**

**Batch Number:**

**Sample ID:** 201214U011

**Date Collected:** 06/08/2021

**Date Received:** 06/08/2021

**Batch Size:**

**Sample Size:** 1.0 units

**Unit Mass:** 1 grams per Unit

**Serving Size:**



**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** Not Detected

**Total CBD:** 98.837%

**Sum of Cannabinoids:** 99.288%

**Total Cannabinoids:** 99.288%

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:  
 Total THC =  $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$   
 Total CBD =  $\text{CBD} + (\text{CBDa} \cdot 0.877)$   
 Sum of Cannabinoids =  $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$   
 Total Cannabinoids =  $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

**Moisture:** NT

**Density:** NT

**Viscosity:** NT

**SAFETY ANALYSIS - SUMMARY**

**Pesticides:** NT

**Mycotoxins:** NT

**Residual Solvents:** NT

**Heavy Metals:** NT

**Microbial Impurities (PCR):** NT

**Microbial Impurities (Plating):** NT

**Foreign Material:** NT

**Water Activity:** NT

**Vitamin E Acetate:** NT

For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)



LQC verified by: Michael Pham  
Date: 06/12/2021



Approved by: Josh Wurzer,  
President Date: 06/12/2021



## Cannabinoïd Analysis

### CANNABINOID TEST RESULTS - 06/12/2021

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: Not Detected**

Total THC ( $\Delta 9\text{THC} + 0.877 * \text{THCa}$ )

**TOTAL CBD: 98.837%**

Total CBD ( $\text{CBD} + 0.877 * \text{CBDa}$ )

**TOTAL CANNABINOIDS: 99.288%**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta 8\text{THC}$  + CBL + CBN

**TOTAL CBG: ND**

Total CBG ( $\text{CBG} + 0.877 * \text{CBGa}$ )

**TOTAL THCV: ND**

Total THCV ( $\text{THCV} + 0.877 * \text{THCVa}$ )

**TOTAL CBC: ND**

Total CBC ( $\text{CBC} + 0.877 * \text{CBCa}$ )

**TOTAL CBDV: 0.451%**

Total CBDV ( $\text{CBDV} + 0.877 * \text{CBDVa}$ )

| COMPOUND                   | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g)      | RESULT (%)     |
|----------------------------|----------------|--------------------------------|--------------------|----------------|
| CBD                        | 0.07 / 0.20    | $\pm 45.762$                   | 988.37             | 98.837         |
| CBDV                       | 0.04 / 0.14    | $\pm 0.197$                    | 4.51               | 0.451          |
| $\Delta 9\text{THC}$       | 0.06 / 0.18    | N/A                            | ND                 | ND             |
| $\Delta 8\text{THC}$       | 0.1 / 0.4      | N/A                            | ND                 | ND             |
| THCa                       | 0.05 / 0.14    | N/A                            | ND                 | ND             |
| THCV                       | 0.1 / 0.2      | N/A                            | ND                 | ND             |
| THCVa                      | 0.07 / 0.20    | N/A                            | ND                 | ND             |
| CBDa                       | 0.02 / 0.07    | N/A                            | ND                 | ND             |
| CBDVa                      | 0.03 / 0.10    | N/A                            | ND                 | ND             |
| CBG                        | 0.06 / 0.19    | N/A                            | ND                 | ND             |
| CBGa                       | 0.1 / 0.2      | N/A                            | ND                 | ND             |
| CBL                        | 0.06 / 0.18    | N/A                            | ND                 | ND             |
| CBN                        | 0.1 / 0.3      | N/A                            | ND                 | ND             |
| CBC                        | 0.2 / 0.5      | N/A                            | ND                 | ND             |
| CBCa                       | 0.07 / 0.21    | N/A                            | ND                 | ND             |
| <b>SUM OF CANNABINOIDS</b> |                |                                | <b>992.88 mg/g</b> | <b>99.288%</b> |

**Unit Mass: 1 grams per Unit**

|                               |                |
|-------------------------------|----------------|
| $\Delta 9\text{THC}$ per Unit | ND             |
| Total THC per Unit            | ND             |
| CBD per Unit                  | 988.37 mg/unit |
| Total CBD per Unit            | 988.37 mg/unit |
| Sum of Cannabinoids per Unit  | 992.88 mg/unit |
| Total Cannabinoids per Unit   | 992.88 mg/unit |

**MOISTURE TEST RESULT**

Not Tested

**DENSITY TEST RESULT**

Not Tested

**VISCOSITY TEST RESULT**

Not Tested