

**SAMPLE NAME: Dog treats**

Infused, Hemp

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** Deep Relief CBD

**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:** 12/13/22

**Sample ID:** 221214T002

**Date Collected:** 12/14/2022

**Date Received:** 12/14/2022

**Batch Size:**
**Sample Size:** 8.0 units

**Unit Mass:** 5 grams per Unit

**Serving Size:** 5 grams per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 0.225 mg/unit

**Total CBD:** 11.825 mg/unit

**Sum of Cannabinoids:** 12.325 mg/unit

**Total Cannabinoids:** 12.325 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$$

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

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) +$$

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

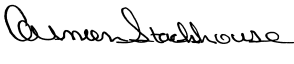

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

For quality assurance purposes. Not a Regulatory 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 4 Division 19. Department of Cannabis Control 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: Carmen Stackhouse  
 Job Title: Senior Laboratory Analyst  
 Date: 12/18/2022  
 Approved by: Josh Wurzer  
 Job Title: President  
 Date: 12/18/2022



## Cannabinoid Analysis

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

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

### TOTAL THC: 0.225 mg/unit

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

### TOTAL CBD: 11.825 mg/unit

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 12.325 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + CBL + CBN

### TOTAL CBG: 0.170 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: <LOQ

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 0.105 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 12/18/2022

| COMPOUND                   | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g)     | RESULT (%)     |
|----------------------------|----------------|--------------------------------|-------------------|----------------|
| CBD                        | 0.004 / 0.011  | ±0.0882                        | 2.365             | 0.2365         |
| $\Delta^9$ -THC            | 0.002 / 0.014  | ±0.0025                        | 0.045             | 0.0045         |
| CBG                        | 0.002 / 0.006  | ±0.0016                        | 0.034             | 0.0034         |
| CBDV                       | 0.002 / 0.012  | ±0.0009                        | 0.021             | 0.0021         |
| CBC                        | 0.003 / 0.010  | N/A                            | <LOQ              | <LOQ           |
| $\Delta^8$ -THC            | 0.01 / 0.02    | N/A                            | ND                | ND             |
| THCa                       | 0.001 / 0.005  | N/A                            | ND                | ND             |
| THCV                       | 0.002 / 0.012  | N/A                            | ND                | ND             |
| THCVa                      | 0.002 / 0.019  | N/A                            | ND                | ND             |
| CBDa                       | 0.001 / 0.026  | N/A                            | ND                | ND             |
| CBDVa                      | 0.001 / 0.018  | N/A                            | ND                | ND             |
| CBGa                       | 0.002 / 0.007  | N/A                            | ND                | ND             |
| CBL                        | 0.003 / 0.010  | N/A                            | ND                | ND             |
| CBN                        | 0.001 / 0.007  | N/A                            | ND                | ND             |
| CBCa                       | 0.001 / 0.015  | N/A                            | ND                | ND             |
| <b>SUM OF CANNABINOIDS</b> |                |                                | <b>2.465 mg/g</b> | <b>0.2465%</b> |

## Unit Mass: 5 grams per Unit / Serving Size: 5 grams per Serving

|                                 |                   |
|---------------------------------|-------------------|
| $\Delta^9$ -THC per Unit        | 0.225 mg/unit     |
| $\Delta^9$ -THC per Serving     | 0.225 mg/serving  |
| Total THC per Unit              | 0.225 mg/unit     |
| Total THC per Serving           | 0.225 mg/serving  |
| CBD per Unit                    | 11.825 mg/unit    |
| CBD per Serving                 | 11.825 mg/serving |
| Total CBD per Unit              | 11.825 mg/unit    |
| Total CBD per Serving           | 11.825 mg/serving |
| Sum of Cannabinoids per Unit    | 12.325 mg/unit    |
| Sum of Cannabinoids per Serving | 12.325 mg/serving |
| Total Cannabinoids per Unit     | 12.325 mg/unit    |
| Total Cannabinoids per Serving  | 12.325 mg/serving |