

SAMPLE NAME: CBN oil

Infused, Hemp

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: OFF Inc.

License Number:
Address:
SAMPLE DETAIL
Batch Number:
Sample ID: 220822P002

Date Collected: 08/22/2022

Date Received: 08/22/2022

Batch Size:
Sample Size:
Unit Mass:
Serving Size:


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: **Not Detected**
Total CBD: **Not Detected**
Sum of Cannabinoids: 20.2565%

Total Cannabinoids: 20.2565%

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

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

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

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$


$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
Density: 0.9694 g/mL

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)



Approved by: Josh Wurzer
Job Title: President
Date: 12/12/2022



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: **Not Detected**

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: **Not Detected**

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: **20.2565%**

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

TOTAL CBG: **ND**

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: **ND**

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: **ND**

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: **ND**

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 08/25/2022

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|----------------------------|----------------|--------------------------------|---------------------|-----------------|
| CBN | 0.020 / 0.140 | ±5.8136 | 202.565 | 20.2565 |
| Δ^9 -THC | 0.040 / 0.280 | N/A | ND | ND |
| Δ^8 -THC | 0.20 / 0.40 | N/A | ND | ND |
| THCa | 0.020 / 0.100 | N/A | ND | ND |
| THCV | 0.040 / 0.240 | N/A | ND | ND |
| THCVa | 0.040 / 0.380 | N/A | ND | ND |
| CBD | 0.080 / 0.220 | N/A | ND | ND |
| CBDa | 0.020 / 0.520 | N/A | ND | ND |
| CBDV | 0.040 / 0.240 | N/A | ND | ND |
| CBDVa | 0.020 / 0.360 | N/A | ND | ND |
| CBG | 0.040 / 0.120 | N/A | ND | ND |
| CBGa | 0.040 / 0.140 | N/A | ND | ND |
| CBL | 0.060 / 0.200 | N/A | ND | ND |
| CBC | 0.060 / 0.200 | N/A | ND | ND |
| CBCa | 0.020 / 0.300 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 202.565 mg/g | 20.2565% |

DENSITY TEST RESULT

0.9694 g/mL

Tested 08/25/2022

Method: QSP 7870 - Sample Preparation

NOTES

COA amended, update to order detail information: Sample Name.
 Photograph provided by client. Product type and dilution