

SAMPLE NAME: CBD Hemp Tincture

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Exceptional 357

License Number:

Address:

SAMPLE DETAIL

Batch Number:

Sample ID: 220111P009

Date Collected: 01/11/2022

Date Received: 01/11/2022

Batch Size:

Sample Size: 1.0 units

Unit Mass: 30 milliliters per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 54.150 mg/unit

Total CBD: 2874.900 mg/unit

Sum of Cannabinoids: 3026.730 mg/unit

Total Cannabinoids: 3026.730 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:
 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 = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Density: 0.9357 g/mL

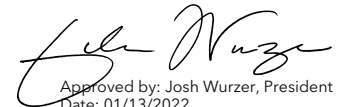
For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

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)


 Valentin Berdeja
 Date: 01/13/2022


 Approved by: Josh Wurzer, President
 Date: 01/13/2022



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: 54.150 mg/unit

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

TOTAL CBD: 2874.900 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 3026.730 mg/unit

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

TOTAL CBG: 25.500 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 35.130 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 15.390 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 01/13/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±4.5903	95.830	10.2415
$\Delta 9$ THC	0.002 / 0.014	±0.1273	1.805	0.1929
CBC	0.003 / 0.010	±0.0485	1.171	0.1251
CBG	0.002 / 0.006	±0.0529	0.850	0.0908
CBN	0.001 / 0.007	±0.0229	0.621	0.0664
CBDV	0.002 / 0.012	±0.0269	0.513	0.0548
CBL	0.003 / 0.010	±0.0048	0.101	0.0108
THCa	0.001 / 0.005	N/A	ND	ND
$\Delta 8$ THC	0.01 / 0.02	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
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			100.891 mg/mL	10.7824%

Unit Mass: 30 milliliters per Unit

$\Delta 9$ THC per Unit	54.150 mg/unit
Total THC per Unit	54.150 mg/unit
CBD per Unit	2874.900 mg/unit
Total CBD per Unit	2874.900 mg/unit
Sum of Cannabinoids per Unit	3026.730 mg/unit
Total Cannabinoids per Unit	3026.730 mg/unit

DENSITY TEST RESULT

0.9357 g/mL

Tested 01/13/2022

Method: QSP 7870 - Sample Preparation

