

SAMPLE NAME: 1500mg D8 Tincture

Infused, Liquid Edible

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

License Number:
Address:
SAMPLE DETAIL
Batch Number:
Sample ID: 230410W005

Date Collected: 04/10/2023

Date Received: 04/10/2023

Batch Size:
Sample Size: 1.0 units

Unit Mass: 30 grams per Unit

Serving Size:


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 80.010 mg/unit

Total CBD: 0.690 mg/unit

Sum of Cannabinoids: 1659.00 mg/unit

Total Cannabinoids: 1659.00 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:

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

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

$$\begin{aligned} \text{Sum of Cannabinoids} = & \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ & \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ \text{Total Cannabinoids} = & (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + \\ & (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + \\ & (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \end{aligned}$$
Density: 0.9521 g/mL

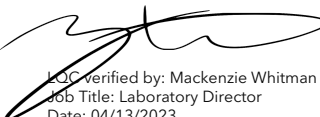
SAFETY ANALYSIS - SUMMARY
 Δ^9 -THC per Unit: ✔ PASS

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: Mackenzie Whitman
 Job Title: Laboratory Director
 Date: 04/13/2023


 Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 04/13/2023



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: 80.010 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 0.690 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1659.00 mg/unit

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: 0.750 mg/unit

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 - 04/13/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Δ^8 -THC	0.01 / 0.02	±2.583	52.39	5.239
Δ^9 -THC	0.002 / 0.014	±0.1464	2.667	0.2667
CBN	0.001 / 0.007	±0.0056	0.195	0.0195
THCV	0.002 / 0.012	±0.0012	0.025	0.0025
CBD	0.004 / 0.011	±0.0009	0.023	0.0023
THCa	0.001 / 0.005	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDA	0.001 / 0.026	N/A	ND	ND
CBDV	0.002 / 0.012	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBG	0.002 / 0.006	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			55.30 mg/g	5.53%

Unit Mass: 30 grams per Unit

Δ^9 -THC per Unit	110 per-package limit	80.010 mg/unit	PASS
Total THC per Unit		80.010 mg/unit	
CBD per Unit		0.690 mg/unit	
Total CBD per Unit		0.690 mg/unit	
Sum of Cannabinoids per Unit		1659.00 mg/unit	
Total Cannabinoids per Unit		1659.00 mg/unit	

DENSITY TEST RESULT

0.9521 g/mL

Tested 04/13/2023

Method: QSP 7870 - Sample Preparation