

SAMPLE NAME: CBD PLUS Oil

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Sisters Of The Valley

License Number:
Address:
Merced CA 95348

SAMPLE DETAIL
Batch Number: Ash Moon March 2023

Sample ID: 230312L009

Date Collected: 03/12/2023

Date Received: 03/12/2023

Batch Size:
Sample Size: 1.0 units

Unit Mass: 29.6 milliliters per Unit

Serving Size: 2.5 milliliters per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 8.258 mg/unit

Total CBD: 202.760 mg/unit

Sum of Cannabinoids: 409.516 mg/unit

Total Cannabinoids: 379.590 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: 0.9466 g/mL

SAFETY ANALYSIS - SUMMARY
 $\Delta^9\text{-THC}$ per Unit: ✔ PASS
 $\Delta^9\text{-THC}$ per Serving: ✔ 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: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 03/17/2023



 Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 03/17/2023




Cannabinoïd Analysis

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

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

TOTAL THC: 8.258 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 202.760 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 379.590 mg/unit

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

TOTAL CBG: 151.522 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 15.510 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 1.066 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 03/17/2023

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBGa	0.002 / 0.007	±0.1093	4.795	0.5065
CBD	0.004 / 0.011	±0.1512	4.053	0.4282
CBDa	0.001 / 0.026	±0.0906	3.189	0.3369
CBG	0.002 / 0.006	±0.0443	0.914	0.0966
CBC	0.003 / 0.010	±0.0111	0.346	0.0366
Δ^9 -THC	0.002 / 0.014	±0.0144	0.263	0.0278
CBCa	0.001 / 0.015	±0.0077	0.203	0.0214
CBDVa	0.001 / 0.018	±0.0002	0.020	0.0021
THCa	0.001 / 0.005	±0.0003	0.018	0.0019
CBDV	0.002 / 0.012	±0.0007	0.018	0.0019
CBN	0.001 / 0.007	±0.0005	0.016	0.0017
Δ^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
CBL	0.003 / 0.010	N/A	ND	ND
SUM OF CANNABINOIDS			13.835 mg/mL	1.4615%

Unit Mass: 29.6 milliliters per Unit / Serving Size: 2.5 milliliters per Serving

Δ^9 -THC per Unit	110 per-package limit	7.785 mg/unit	PASS
Δ^9 -THC per Serving		0.658 mg/serving	PASS
Total THC per Unit		8.258 mg/unit	
Total THC per Serving		0.698 mg/serving	
CBD per Unit		119.969 mg/unit	
CBD per Serving		10.133 mg/serving	
Total CBD per Unit		202.760 mg/unit	
Total CBD per Serving		17.125 mg/serving	
Sum of Cannabinoids per Unit		409.516 mg/unit	
Sum of Cannabinoids per Serving		34.588 mg/serving	
Total Cannabinoids per Unit		379.590 mg/unit	
Total Cannabinoids per Serving		32.061 mg/serving	

DENSITY TEST RESULT

0.9466 g/mL

Tested 03/17/2023

Method: QSP 7870 - Sample Preparation