

Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 02/01/2023

SAMPLE NAME: CBD Infused Oil RS

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: Birch Moon January

2025

Sample ID: 230128R009

DISTRIBUTOR / TESTED FOR

Business Name: Sisters Of The

Valley

License Number:

Address:

Merced CA 95348

Date Collected: 01/28/2023

Date Received: 01/28/2023

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: 11.722 mg/unit

Total CBD: 306.863 mg/unit

Sum of Cannabinoids: 359.551 mg/unit

Total Cannabinoids: 359.019 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 = Δ° -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

$$\label{eq:SumofCannabinoids} \begin{split} &Sum\ of\ Cannabinoids = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ &T\text{HCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ &T\text{otal}\ Cannabinoids} = (\Delta^9\text{-THC} + 0.877*\text{THCa}) + (\text{CBD} + 0.877*\text{CBDa}) + \\ &(\text{CBG} + 0.877*\text{CBGa}) + (\text{THCV} + 0.877*\text{THCVa}) + (\text{CBC} + 0.877*\text{CBCa}) + \\ \end{split}$$

(CBDV+0.877*CBDVa) + Δ 8-THC + CBL + CBN

Density: 0.9464 g/mL

SAFETY ANALYSIS - SUMMARY

 Δ^9 -THC per Unit: \bigcirc PASS

 Δ^9 -THC per Serving: \bigcirc 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.

OC verified by: Mackenzie Whitman ob Title: Laboratory Director Date: 02/01/2023 Approved by: Josh Wurzer
Job Title: President
Date: 02/01/2023

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)



CBD INFUSED OIL RS | DATE ISSUED 02/01/2023





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: 11.722 mg/unit Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 306.863 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 359.019 mg/unit

 $\begin{array}{l} Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + \\ (Total \ CBG) + (Total \ THCV) + (Total \ CBC) + \\ (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{array}$

TOTAL CBG: 18.411 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 20.454 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.799 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/01/2023

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±0.3820	10.242	1.0822
СВС	0.003 / 0.010	±0.0223	0.691	0.0730
CBG	0.002 / 0.006	±0.0302	0.622	0.0657
∆ ⁹ -THC	0.002/0.014	±0.0217	0.396	0.0418
CBDa	0.001 / 0.026	±0.0041	0.143	0.0151
CBDV	0.002/0.012	±0.0011	0.027	0.0029
CBL	0.003 / 0.010	±0.0010	0.026	0.0027
Δ 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
CBDVa	0.001/0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBN	0.001 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			12.147 mg/mL	1.2835%

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

Δ^9 -THC per Unit	110 per-package limit	11.722 mg/unit	PASS
Δ^9 -THC per Serving		0.990 mg/serving	PASS
Total THC per Unit		11.722 mg/unit	
Total THC per Serving		0.990 mg/serving	
CBD per Unit		303.163 mg/unit	
CBD per Serving		25.605 mg/serving	
Total CBD per Unit		306.863 mg/unit	
Total CBD per Serving		25.918 mg/serving	
Sum of Cannabinoids per Unit		359.551 mg/unit	
Sum of Cannabinoids per Serving		30.368 mg/serving	
Total Cannabinoids per Unit		359.019 mg/unit	
Total Cannabinoids per Serving		30.324 mg/serving	

DENSITY TEST RESULT

0.9464 g/mL

Tested 02/01/2023

Method: QSP 7870 - Sample Preparation