

SAMPLE NAME: CBD Tincture

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:** Rowan Moon Feb 2023**Sample ID:** 230208R002**Date Collected:** 02/08/2023**Date Received:** 02/08/2023**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:** 10.982 mg/unit**Total CBD:** 270.396 mg/unit**Sum of Cannabinoids:** 299.700 mg/unit**Total Cannabinoids:** 299.612 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^9 -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBNTotal Cannabinoids = (Δ^9 -THC + 0.877*THCa) + (CBD + 0.877*CBDa) + (CBG + 0.877*CBGa) + (THCV + 0.877*THCVa) + (CBC + 0.877*CBCa) + (CBDV + 0.877*CBDVa) + Δ^8 -THC + CBL + CBN**Density:** 0.865 g/mL**SAFETY ANALYSIS - SUMMARY** Δ^9 -THC per Unit: **PASS** Δ^9 -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)

Carmen Stackhouse
LQC verified by: Carmen Stackhouse
Job Title: Senior Laboratory Analyst
Date: 02/13/2023

Josh Wurzer
Approved by: Josh Wurzer
Job Title: President
Date: 02/13/2023



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: 10.982 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 270.396 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 299.612 mg/unit

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

TOTAL CBG: 6.334 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 10.005 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 1.362 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/12/2023

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	± 0.3400	9.114	1.0536
Δ^9 -THC	0.002 / 0.014	± 0.0204	0.371	0.0429
CBC	0.003 / 0.010	± 0.0109	0.338	0.0391
CBG	0.002 / 0.006	± 0.0104	0.214	0.0247
CBDV	0.002 / 0.012	± 0.0019	0.046	0.0053
CBDa	0.001 / 0.026	± 0.0007	0.024	0.0028
CBL	0.003 / 0.010	± 0.0007	0.018	0.0021
CBN	0.001 / 0.007	N/A	<LOQ	<LOQ
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
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			10.125 mg/mL	1.1705%

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

Δ^9 -THC per Unit	110 per-package limit	10.982 mg/unit	PASS
Δ^9 -THC per Serving		0.928 mg/serving	PASS
Total THC per Unit		10.982 mg/unit	
Total THC per Serving		0.928 mg/serving	
CBD per Unit		269.774 mg/unit	
CBD per Serving		22.785 mg/serving	
Total CBD per Unit		270.396 mg/unit	
Total CBD per Serving		22.838 mg/serving	
Sum of Cannabinoids per Unit		299.700 mg/unit	
Sum of Cannabinoids per Serving		25.313 mg/serving	
Total Cannabinoids per Unit		299.612 mg/unit	
Total Cannabinoids per Serving		25.306 mg/serving	

DENSITY TEST RESULT

0.865 g/mL

Tested 02/12/2023

Method: QSP 7870 - Sample Preparation