

**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:** Birch Moon January 2023**Sample ID:** 230128R011**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:** 13.290 mg/unit**Total CBD:** 327.850 mg/unit**Sum of Cannabinoids:** 668.309 mg/unit**Total Cannabinoids:** 624.915 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 =  $\Delta^9$ -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa +THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBNTotal Cannabinoids = ( $\Delta^9$ -THC + 0.877\*THCa) + (CBD + 0.877\*CBDa) +

(CBG + 0.877\*CBGa) + (THCV + 0.877\*THCVa) + (CBC + 0.877\*CBCa) +

(CBDV + 0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + CBN**Density:** 0.9475 g/mL**SAFETY ANALYSIS - SUMMARY** $\Delta^9$ -THC per Unit: **PASS** $\Delta^9$ -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)

LQC verified by: Michael Pham  
Job Title: Senior Laboratory Analyst  
Date: 02/02/2023Approved by: Josh Wurzer  
Job Title: President  
Date: 02/02/2023



## 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: 13.290 mg/unit**

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

**TOTAL CBD: 327.850 mg/unit**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 624.915 mg/unit**

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

**TOTAL CBG: 258.112 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 23.354 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 1.806 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 02/02/2023

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBGa	0.002 / 0.007	±0.1858	8.150	0.8602
CBD	0.004 / 0.011	±0.2969	7.961	0.8402
CBDa	0.001 / 0.026	±0.1009	3.552	0.3749
CBG	0.002 / 0.006	±0.0762	1.572	0.1659
CBC	0.003 / 0.010	±0.0200	0.621	0.0655
$\Delta^9$ -THC	0.002 / 0.014	±0.0241	0.439	0.0463
CBCa	0.001 / 0.015	±0.0073	0.192	0.0203
CBDV	0.002 / 0.012	±0.0018	0.045	0.0047
CBDVa	0.001 / 0.018	±0.0002	0.018	0.0019
CBL	0.003 / 0.010	±0.0006	0.017	0.0018
THCa	0.001 / 0.005	±0.0002	0.011	0.0012
$\Delta^8$ -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
CBN	0.001 / 0.007	N/A	ND	ND
SUM OF CANNABINOIDS			22.578 mg/mL	2.3829%

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

$\Delta^9$ -THC per Unit	110 per-package limit	12.994 mg/unit	PASS
$\Delta^9$ -THC per Serving		1.098 mg/serving	PASS
Total THC per Unit		13.290 mg/unit	
Total THC per Serving		1.123 mg/serving	
CBD per Unit		235.646 mg/unit	
CBD per Serving		19.903 mg/serving	
Total CBD per Unit		327.850 mg/unit	
Total CBD per Serving		27.690 mg/serving	
Sum of Cannabinoids per Unit		668.309 mg/unit	
Sum of Cannabinoids per Serving		56.445 mg/serving	
Total Cannabinoids per Unit		624.915 mg/unit	
Total Cannabinoids per Serving		52.782 mg/serving	

## DENSITY TEST RESULT

0.9475 g/mL

Tested 02/02/2023

Method: QSP 7870 - Sample Preparation