

**SAMPLE NAME: CBD Tincture**

Infused, Hemp Infused

**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:** Hazel Moon Sept 2021

**Sample ID:** 210929P009

**Date Collected:** 09/29/2021

**Date Received:** 09/29/2021

**Batch Size:**

**Sample Size:** 1.0 units

**Unit Mass:** 29.6 grams per Unit

**Serving Size:** 0.5 grams per Serving



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 12.639 mg/unit

**Total CBD:** 321.071 mg/unit

**Sum of Cannabinoids:** 357.361 mg/unit

**Total Cannabinoids:** 357.361 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 =  $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$   
 Total CBD =  $\text{CBD} + (\text{CBDa} \cdot 0.877)$   
 Sum of Cannabinoids =  $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$   
 Total Cannabinoids =  $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

**Density:** 0.868 g/mL

For quality assurance purposes. Not a Pre-Harvest 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:** Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states. Action limits for required tests are either state-specific, or the lower of any conflicting state regulations based upon the panel requested.

**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: Josh Antunovich  
 Date: 10/01/2021

  
 Approved by: Josh Wurzer, President  
 Date: 10/01/2021



## 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: 12.639 mg/unit**

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

**TOTAL CBD: 321.071 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 357.361 mg/unit**

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

**TOTAL CBG: 6.808 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 14.267 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 1.806 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 10/01/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT mg/g	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.5196	10.847	1.0847
CBC	0.003 / 0.010	±0.0200	0.482	0.0482
$\Delta 9$ THC	0.002 / 0.014	±0.0301	0.427	0.0427
CBG	0.002 / 0.006	±0.0143	0.230	0.0230
CBDV	0.002 / 0.012	±0.0032	0.061	0.0061
CBL	0.003 / 0.010	±0.0008	0.016	0.0016
CBN	0.001 / 0.007	±0.0004	0.010	0.0010
THCa	0.001 / 0.005	N/A	ND	ND
$\Delta 8$ 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
CBDA	0.001 / 0.026	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
<b>SUM OF CANNABINOIDS</b>			<b>12.073 mg/g</b>	<b>1.2073%</b>

Unit Mass: 29.6 grams per Unit / Serving Size: 0.5 grams per Serving

$\Delta 9$ THC per Unit	12.639 mg/unit
$\Delta 9$ THC per Serving	0.214 mg/serving
Total THC per Unit	12.639 mg/unit
Total THC per Serving	0.214 mg/serving
CBD per Unit	321.071 mg/unit
CBD per Serving	5.424 mg/serving
Total CBD per Unit	321.071 mg/unit
Total CBD per Serving	5.424 mg/serving
Sum of Cannabinoids per Unit	357.361 mg/unit
Sum of Cannabinoids per Serving	6.036 mg/serving
Total Cannabinoids per Unit	357.361 mg/unit
Total Cannabinoids per Serving	6.037 mg/serving

### DENSITY TEST RESULT

0.868 g/mL

Tested 10/01/2021

Method: QSP 7870 - Sample Preparation

