

**SAMPLE NAME: CBD Stick 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:** Holly Moon Aug 2021

**Sample ID:** 210821S006

**Date Collected:** 08/21/2021

**Date Received:** 08/21/2021

**Batch Size:**

**Sample Size:** 29.6 units

**Unit Mass:** 29.6 milliliters per Unit

**Serving Size:** 1 milliliters per Serving



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 6.364 mg/unit

**Total CBD:** 208.295 mg/unit

**Sum of Cannabinoids:** 234.846 mg/unit

**Total Cannabinoids:** 229.518 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:** 0.88 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)

*Jackson W-H* *Josh Wurzer*  
 LQC verified by: Jackson Waite-Himmelfriedl Approved by: Josh Wurzer, President  
 Date: 08/23/2021 Date: 08/23/2021



## 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: 6.364 mg/unit**

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

**TOTAL CBD: 208.295 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 229.518 mg/unit**

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

**TOTAL CBG: 5.890 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 7.607 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 1.036 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 08/22/2021

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±0.2805	5.856	0.6655
CBDA	0.001 / 0.026	±0.0492	1.347	0.1531
$\Delta 9$ THC	0.002 / 0.014	±0.0152	0.215	0.0244
CBC	0.003 / 0.010	±0.0077	0.187	0.0212
CBG	0.002 / 0.006	±0.0105	0.169	0.0192
CBCa	0.001 / 0.015	±0.0039	0.080	0.0091
CBDV	0.002 / 0.012	±0.0018	0.035	0.0040
CBGa	0.002 / 0.007	±0.0010	0.034	0.0039
CBN	0.001 / 0.007	±0.0004	0.011	0.0012
$\Delta 8$ 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
CBL	0.003 / 0.010	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>7.934 mg/mL</b>	<b>0.9016%</b>

Unit Mass: 29.6 milliliters per Unit / Serving Size: 1 milliliters per Serving

$\Delta 9$ THC per Unit	6.364 mg/unit
$\Delta 9$ THC per Serving	0.215 mg/serving
Total THC per Unit	6.364 mg/unit
Total THC per Serving	0.215 mg/serving
CBD per Unit	173.338 mg/unit
CBD per Serving	5.856 mg/serving
Total CBD per Unit	208.295 mg/unit
Total CBD per Serving	7.037 mg/serving
Sum of Cannabinoids per Unit	234.846 mg/unit
Sum of Cannabinoids per Serving	7.934 mg/serving
Total Cannabinoids per Unit	229.518 mg/unit
Total Cannabinoids per Serving	7.754 mg/serving

### DENSITY TEST RESULT

**0.88 g/mL**

Tested 08/22/2021

Method: QSP 7870 - Sample Preparation

