

**SAMPLE NAME: CBD Tincture**

Infused, Non-Inhalable

**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:** Ash Moon March 2021

**Sample ID:** 210324Y008

**Date Collected:** 03/24/2021

**Date Received:** 03/24/2021

**Batch Size:**

**Sample Size:**

**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:** 10.478 mg/unit

**Total CBD:** 263.973 mg/unit

**Sum of Cannabinoids:** 292.241 mg/unit

**Total Cannabinoids:** 292.241 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 =  $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDA}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

**Moisture:** NT

**Density:** 0.862 g/mL

**Viscosity:** NT

**SAFETY ANALYSIS - SUMMARY**

**$\Delta 9\text{THC}$  per Unit:** ✔ PASS

**Foreign Material:** NT

**Water Activity:** NT

**Vitamin E:** NT

**Pesticides:** NT

**Mycotoxins:** NT

**Residual Solvents:** NT

**Heavy Metals:** NT

**Microbial Impurities (PCR):** NT

**Microbial Impurities (Plating):** NT

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.

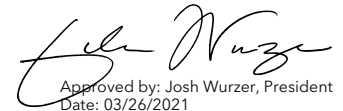
**Sample Certification:** California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**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)



LGC verified by: Yasmin Kakkar  
Date: 03/26/2021



Approved by: Josh Wurzer, President  
Date: 03/26/2021



CANNABINOID TEST RESULTS - 03/26/2021

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: 10.478 mg/unit**

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

**TOTAL CBD: 263.973 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 292.241 mg/unit**

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

**TOTAL CBG: 5.802 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 10.123 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 1.480 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±0.4272	8.918	1.0346
$\Delta 9$ THC	0.002 / 0.014	±0.0250	0.354	0.0411
CBC	0.003 / 0.010	±0.0142	0.342	0.0397
CBG	0.002 / 0.006	±0.0122	0.196	0.0227
CBDV	0.002 / 0.012	±0.0026	0.050	0.0058
CBL	0.003 / 0.010	±0.0006	0.013	0.0015
CBDA	0.001 / 0.026	N/A	<LOQ	<LOQ
CBN	0.001 / 0.007	N/A	<LOQ	<LOQ
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
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>9.873 mg/mL</b>	<b>1.1454%</b>

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

$\Delta 9$ THC per Unit	1120 per-package limit	10.478 mg/unit	PASS
$\Delta 9$ THC per Serving		0.354 mg/serving	
Total THC per Unit		10.478 mg/unit	
Total THC per Serving		0.354 mg/serving	
CBD per Unit		263.973 mg/unit	
CBD per Serving		8.918 mg/serving	
Total CBD per Unit		263.973 mg/unit	
Total CBD per Serving		8.918 mg/serving	
Sum of Cannabinoids per Unit		292.241 mg/unit	
Sum of Cannabinoids per Serving		9.873 mg/serving	
Total Cannabinoids per Unit		292.241 mg/unit	
Total Cannabinoids per Serving		9.873 mg/serving	

MOISTURE TEST RESULT

Not Tested
------------

DENSITY TEST RESULT

0.862 g/mL
Tested 03/26/2021
Method: QSP 7870 - Sample Preparation

VISCOSITY TEST RESULT

Not Tested
------------

