

SAMPLE NAME: CBD Stick 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: Willow Moon May 2021

Sample ID: 210520U009

Date Collected: 05/20/2021

Date Received: 05/20/2021

Batch Size:

Sample Size: 28.34 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: 5.594 mg/unit

Total CBD: 174.966 mg/unit

Sum of Cannabinoids: 196.722 mg/unit

Total Cannabinoids: 191.986 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: 0.8798 g/mL

SAFETY ANALYSIS - SUMMARY

$\Delta 9\text{THC}$ per Unit: ✔ PASS

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)

Reza Naemeh
 LQC verified by: Reza Naemeh
 Date: 05/24/2021

Josh Wurzer
 Approved by: Josh Wurzer, President
 Date: 05/24/2021



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: 5.594 mg/unit

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

TOTAL CBD: 174.966 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 191.986 mg/unit

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

TOTAL CBG: 4.914 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 5.772 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.533 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/24/2021

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±0.2327	4.859	0.5523
CBDA	0.001 / 0.026	±0.0438	1.199	0.1363
$\Delta 9$ THC	0.002 / 0.014	±0.0123	0.174	0.0198
CBC	0.003 / 0.010	±0.0065	0.156	0.0177
CBG	0.002 / 0.006	±0.0083	0.133	0.0151
CBGa	0.001 / 0.015	±0.0022	0.045	0.0051
CBGa	0.002 / 0.007	±0.0011	0.038	0.0043
CBDV	0.002 / 0.012	±0.0009	0.018	0.0020
THCa	0.001 / 0.005	±0.0004	0.017	0.0019
CBN	0.001 / 0.007	±0.0003	0.007	0.0008
$\Delta 8$ 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
CBL	0.003 / 0.010	N/A	ND	ND
SUM OF CANNABINOIDS			6.646 mg/mL	0.7554%

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

$\Delta 9$ THC per Unit	1120 per-package limit	5.150 mg/unit	PASS
$\Delta 9$ THC per Serving		0.174 mg/serving	
Total THC per Unit		5.594 mg/unit	
Total THC per Serving		0.189 mg/serving	
CBD per Unit		143.826 mg/unit	
CBD per Serving		4.859 mg/serving	
Total CBD per Unit		174.966 mg/unit	
Total CBD per Serving		5.911 mg/serving	
Sum of Cannabinoids per Unit		196.722 mg/unit	
Sum of Cannabinoids per Serving		6.646 mg/serving	
Total Cannabinoids per Unit		191.986 mg/unit	
Total Cannabinoids per Serving		6.486 mg/serving	

DENSITY TEST RESULT

0.8798 g/mL

Tested 05/24/2021

Method: QSP 7870 - Sample Preparation

