

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:

Sample ID: 210614U010

Date Collected: 06/14/2021

Date Received: 06/14/2021

Batch Size:

Sample Size:

Unit Mass: 29.6 milliliters per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 5.535 mg/unit

Total CBD: 175.558 mg/unit

Sum of Cannabinoids: 197.639 mg/unit

Total Cannabinoids: 193.554 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: 0.8739 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)


 LQC verified by: Josh Antunovich
 Date: 06/16/2021


 Approved by: Josh Wurzer, President
 Date: 06/16/2021



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: 5.535 mg/unit

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

TOTAL CBD: 175.558 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 193.554 mg/unit

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

TOTAL CBG: 5.328 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 6.038 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.858 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 06/16/2021

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	± 0.2413	5.038	0.5765
CBDA	0.001 / 0.026	± 0.0372	1.018	0.1165
$\Delta 9$ THC	0.002 / 0.014	± 0.0132	0.187	0.0214
CBC	0.003 / 0.010	± 0.0064	0.155	0.0177
CBG	0.002 / 0.006	± 0.0084	0.135	0.0154
CBCa	0.001 / 0.015	± 0.0027	0.056	0.0064
CBGa	0.002 / 0.007	± 0.0015	0.051	0.0058
CBDV	0.002 / 0.012	± 0.0015	0.029	0.0033
CBN	0.001 / 0.007	± 0.0003	0.008	0.0009
$\Delta 8$ 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
SUM OF CANNABINOIDS			6.677 mg/mL	0.764%

Unit Mass: 29.6 milliliters per Unit

$\Delta 9$ THC per Unit	1120 per-package limit	5.535 mg/unit	PASS
Total THC per Unit		5.535 mg/unit	
CBD per Unit		149.125 mg/unit	
Total CBD per Unit		175.558 mg/unit	
Sum of Cannabinoids per Unit		197.639 mg/unit	
Total Cannabinoids per Unit		193.554 mg/unit	

DENSITY TEST RESULT

0.8739 g/mL

Tested 06/16/2021

Method: QSP 7870 - Sample Preparation

