

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: Holly Moon Aug 2021

Sample ID: 210821S007

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: 9.798 mg/unit

Total CBD: 299.789 mg/unit

Sum of Cannabinoids: 332.497 mg/unit

Total Cannabinoids: 332.497 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: 0.8682 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-Himmelfriedrich Approved by: Josh Wurzer, President
 Date: 08/23/2021 Date: 08/23/2021



CANNABINOID TEST RESULTS - 08/22/2021

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

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

TOTAL THC: 9.798 mg/unit

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

TOTAL CBD: 299.789 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 332.497 mg/unit

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

TOTAL CBG: 7.193 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 13.586 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 1.835 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	± 0.4851	10.128	1.1666
CBC	0.003 / 0.010	± 0.0190	0.459	0.0529
$\Delta 9$ THC	0.002 / 0.014	± 0.0233	0.331	0.0381
CBG	0.002 / 0.006	± 0.0151	0.243	0.0280
CBDV	0.002 / 0.012	± 0.0032	0.062	0.0071
CBN	0.001 / 0.007	± 0.0004	0.010	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
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
CBL	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			11.233 mg/mL	1.2938%

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

$\Delta 9$ THC per Unit	9.798 mg/unit
$\Delta 9$ THC per Serving	0.331 mg/serving
Total THC per Unit	9.798 mg/unit
Total THC per Serving	0.331 mg/serving
CBD per Unit	299.789 mg/unit
CBD per Serving	10.128 mg/serving
Total CBD per Unit	299.789 mg/unit
Total CBD per Serving	10.128 mg/serving
Sum of Cannabinoids per Unit	332.497 mg/unit
Sum of Cannabinoids per Serving	11.233 mg/serving
Total Cannabinoids per Unit	332.497 mg/unit
Total Cannabinoids per Serving	11.233 mg/serving

DENSITY TEST RESULT

0.8682 g/mL

Tested 08/22/2021

Method: QSP 7870 - Sample Preparation

