

SAMPLE NAME: CBD Infused Oil RS

Infused, Liquid Edible

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: Alder Moon April 2021

Sample ID: 210422V005

Date Collected: 04/22/2021

Date Received: 04/22/2021

Batch Size:

Sample Size: 14.1748 units

Unit Mass: 14.8 milliliters per Unit

Serving Size: 1 milliliters per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 5.950 mg/unit

Total CBD: 141.799 mg/unit

Sum of Cannabinoids: 157.087 mg/unit

Total Cannabinoids: 157.088 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: 0.9461 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

Microbiology (PCR): NT


Microbiology (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)


 LQC verified by: Josh Antunovich
 Date: 04/27/2021


 Approved by: Josh Wurzer, President
 Date: 04/27/2021



CANNABINOID TEST RESULTS - 04/25/2021

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

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

TOTAL THC: 5.950 mg/unit

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

TOTAL CBD: 141.799 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 157.088 mg/unit

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

TOTAL CBG: 3.241 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 5.047 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.829 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	±0.4589	9.581	1.0127
$\Delta 9$ THC	0.002 / 0.014	±0.0283	0.402	0.0425
CBC	0.003 / 0.010	±0.0141	0.341	0.0360
CBG	0.002 / 0.006	±0.0136	0.219	0.0231
CBDV	0.002 / 0.012	±0.0029	0.056	0.0059
CBL	0.003 / 0.010	±0.0007	0.015	0.0016
CBDA	0.001 / 0.026	N/A	<LOQ	<LOQ
CBN	0.001 / 0.007	N/A	<LOQ	<LOQ
$\Delta 8$ 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
THCa	0.001 / 0.005	N/A	ND	ND
SUM OF CANNABINOIDS			10.614 mg/mL	1.1219%

Unit Mass: 14.8 milliliters per Unit / Serving Size: 1 milliliters per Serving

$\Delta 9$ THC per Unit	1120 per-package limit	5.950 mg/unit	PASS
$\Delta 9$ THC per Serving		0.402 mg/serving	
Total THC per Unit		5.950 mg/unit	
Total THC per Serving		0.402 mg/serving	
CBD per Unit		141.799 mg/unit	
CBD per Serving		9.581 mg/serving	
Total CBD per Unit		141.799 mg/unit	
Total CBD per Serving		9.581 mg/serving	
Sum of Cannabinoids per Unit		157.087 mg/unit	
Sum of Cannabinoids per Serving		10.614 mg/serving	
Total Cannabinoids per Unit		157.088 mg/unit	
Total Cannabinoids per Serving		10.614 mg/serving	

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

0.9461 g/mL
Tested 04/25/2021
Method: QSP 7870 - Sample Preparation

VISCOSITY TEST RESULT

Not Tested

