

**SAMPLE NAME: CBD-infused Oil Regular Strength**

Infused, Non-Inhalable

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR**

**Business Name:** Sisters Of The Valley

**License Number:**

**Address:**  
Merced CA 95348

**SAMPLE DETAIL**

**Batch Number:** Holly Moon August 2020

**Sample ID:** 200817R016

**Date Collected:** 08/17/2020

**Date Received:** 08/17/2020

**Batch Size:**

**Sample Size:**

**Unit Mass:** 59.1 Milliliters per Unit

**Serving Size:**



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 0.0 mg/unit

**Total CBD:** 559.500 mg/unit

**Sum of Cannabinoids:** 621.909 mg/unit

**Total Cannabinoids:** 600.101 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:** 0.9447 g/mL

**Viscosity:** NT

**SAFETY ANALYSIS - SUMMARY**

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

**Foreign Material:** NT

**Water Activity:** NT

**Vitamin E Acetate:** 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)



LQC verified by: Michael Pham  
Date: 08/19/2020



Approved by: Josh Wurzer, President  
Date: 08/19/2020



## Cannabinoïd Analysis

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

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

**TOTAL THC: 0.0 mg/unit**

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

**TOTAL CBD: 559.500 mg/unit**

Total CBD ( $\text{CBD} + 0.877 * \text{CBDa}$ )

**TOTAL CANNABINOIDS: 600.101 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCv) + (Total CBC) + (Total CBDV) +  $\Delta 8\text{THC}$  + CBL + CBN

**TOTAL CBG: 13.593 mg/unit**

Total CBG ( $\text{CBG} + 0.877 * \text{CBGa}$ )

**TOTAL THCV: ND**

Total THCV ( $\text{THCV} + 0.877 * \text{THCVa}$ )

**TOTAL CBC: 22.576 mg/unit**

Total CBC ( $\text{CBC} + 0.877 * \text{CBCa}$ )

**TOTAL CBDV: 3.605 mg/unit**

Total CBDV ( $\text{CBDV} + 0.877 * \text{CBDVa}$ )

### CANNABINOID TEST RESULTS - 08/19/2020

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	$\pm 0.4535$	9.467	1.0021
CBC	0.003 / 0.010	$\pm 0.0158$	0.382	0.0404
$\Delta 9\text{THC}$	0.002 / 0.005	$\pm 0.0260$	0.369	0.0391
CBG	0.002 / 0.005	$\pm 0.0143$	0.230	0.0243
CBDV	0.002 / 0.007	$\pm 0.0032$	0.061	0.0065
CBL	0.003 / 0.008	$\pm 0.0007$	0.014	0.0015
$\Delta 8\text{THC}$	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.002	N/A	ND	ND
THCV	0.002 / 0.008	N/A	ND	ND
THCVa	0.002 / 0.005	N/A	ND	ND
CBDa	0.001 / 0.003	N/A	ND	ND
CBDVa	0.001 / 0.003	N/A	ND	ND
CBGa	0.002 / 0.006	N/A	ND	ND
CBN	0.001 / 0.004	N/A	ND	ND
CBCa	0.001 / 0.004	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			10.523 mg/mL	1.1139%

### Unit Mass: 59.1 Milliliters per Unit

$\Delta 9\text{THC}$ per Unit	1000.0 per-package limit	21.808 mg/unit	PASS
Total THC per Unit		0.0 mg/unit	
CBD per Unit		559.500 mg/unit	
Total CBD per Unit		559.500 mg/unit	
Sum of Cannabinoids per Unit		621.909 mg/unit	
Total Cannabinoids per Unit		600.101 mg/unit	

### MOISTURE TEST RESULT

Not Tested
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### DENSITY TEST RESULT

0.9447 g/mL
Tested 08/19/2020
Method: QSP - (1152) Sample Preparation

### VISCOSITY TEST RESULT

Not Tested
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