

## **Hemp Quality Assurance Testing**

## **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 10/25/2022** 

### SAMPLE NAME: CBD Infused Oil Super Strength

Infused, Liquid Edible

**CULTIVATOR / MANUFACTURER** 

**Business Name:** License Number:

Address:

SAMPLE DETAIL

Batch Number: Vine Moon October

2022

Sample ID: 221021S004

**DISTRIBUTOR / TESTED FOR** 

Business Name: Sisters Of The

Valley

License Number:

Address:

Merced CA 95348

Date Collected: 10/21/2022 Date Received: 10/21/2022

Batch Size:

Sample Size: 1.0 units

Unit Mass: 59.1 milliliters per Unit Serving Size: 2.5 milliliters per Serving







Scan QR code to verify authenticity of results.

### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 148.046 mg/unit

Total CBD: 3554.570 mg/unit

Total Cannabinoids: 4137.886 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 =  $\Delta^9$ -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + Sum of Cannabinoids: 4138.064 mg/unit THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBN

Total Cannabinoids =  $(\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +

(CBDV+0.877\*CBDVa) + Δ8-THC + CBL + CBN

Density: 0.9529 g/mL

For quality assurance purposes. Not a Regulatory 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 4 Division 19. Department of Cannabis Control 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  $decision\ rules\ are\ applied:\ PASS-Results\ within\ limits/specifications,\ FAIL-Results\ exceed\ limits/specifications.$ 

erified by: Mackenzie Whitman te: 10/25/2022

Approved by: Josh Wurzer Title: Président Date: 10/25/2022

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)



# **Hemp Quality Assurance Testing**

## **CERTIFICATE OF ANALYSIS**



CBD INFUSED OIL SUPER STRENGTH | DATE ISSUED 10/25/2022



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

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

TOTAL THC: 148.046 mg/unit

Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

TOTAL CBD: 3554.570 mg/unit

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 4137.886 mg/unit

$$\label{eq:total_constraint} \begin{split} & Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + (Total \ CBC) + (Total \ CBC) + (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{split}$$

TOTAL CBG: 199.462 mg/unit

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND** 

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 214.769 mg/unit

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: 8.865 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

Exclusions<sup>1</sup> see Notes

### **CANNABINOID TEST RESULTS - 10/24/2022**

	COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
t	CBD	0.004 / 0.011	±2.2434	60.145	6.3118
	СВС	0.003 / 0.010	±0.1170	3.634	0.3814
	CBG	0.002 / 0.006	±0.1626	3.353	0.3519
	Δ <sup>9</sup> -THC	0.002 / 0.014	±0.1375	2.505	0.2629
	CBL	0.003 / 0.010	±0.0063	0.171	0.0179
	CBDV	0.002/0.012	±0.0061	0.150	0.0157
	CBN	0.001 / 0.007	±0.0010	0.035	0.0037
	CBGa	0.002 / 0.007	±0.0006	0.025	0.0026
	CBCa	0.001 / 0.015	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
	Δ <sup>8</sup> -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
	SUM OF CANNABINOIDS			70.018 mg/mL	7.3479%

## Unit Mass: 59.1 milliliters per Unit / Serving Size: 2.5 milliliters per Serving

$\Delta^9$ -THC per Unit	148.046 mg/unit	
Δ <sup>9</sup> -THC per Serving	6.262 mg/serving	
Total THC per Unit	148.046 mg/unit	
Total THC per Serving	6.262 mg/serving	
CBD per Unit	3554.570 mg/unit	
CBD per Serving	150.362 mg/serving	
Total CBD per Unit	3554.570 mg/unit	
Total CBD per Serving	150.362 mg/serving	
Sum of Cannabinoids per Unit	4138.064 mg/unit	
Sum of Cannabinoids per Serving	175.045 mg/serving	
Total Cannabinoids per Unit	4137.886 mg/unit	
Total Cannabinoids per Serving	175.038 mg/serving	

### **DENSITY TEST RESULT**

0.9529 g/mL

Tested 10/24/2022

**Method:** QSP 7870 - Sample Preparation

## NOTES

CoA Amended Update: Order Details-Action Limits Exclusions 1. Sample Certification: Cannabinoid per unit and serving limits not applied.