

## **Hemp Quality Assurance Testing**

### **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 02/14/2023** 

SAMPLE NAME: CBD Infused Oil DS

Infused, Liquid Edible

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: Rowan Moon Feb

2023

Sample ID: 230208R004

**DISTRIBUTOR / TESTED FOR** 

Business Name: Sisters Of The

Valley

License Number:

Address:

Merced CA 95348

**Date Collected:** 02/08/2023 **Date Received:** 02/08/2023

Batch Size:

Sample Size: 1.0 units

**Unit Mass:** 29.6 milliliters per Unit **Serving Size:** 2.5 milliliters per Serving







Scan QR code to verify authenticity of results.

### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 18.293 mg/unit

Total CBD: 453.620 mg/unit

Sum of Cannabinoids: 531.794 mg/unit

Total Cannabinoids: 531.794 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 =  $\Delta^{0}$ -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + 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) +  $\Delta$ 8-THC + CBL + CBN

Density: 0.9467 g/mL

### **SAFETY ANALYSIS - SUMMARY**

 $\Delta^9$ -THC per Unit:  $\bigcirc$  PASS

 $\Delta^9$ -THC per Serving:  $\bigcirc$  PASS

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.

LOC verified by: Maria Garcia Job Title: Senior Laboratory Analyst Date: 02/14/2023 Approved by: Josh Wurzer
Job Title: President
Date: 02/14/2023



# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

CBD INFUSED OIL DS | DATE ISSUED 02/14/2023





## 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: 18.293 mg/unit

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

TOTAL CBD: 453.620 mg/unit

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 531.794 mg/unit

 $\begin{array}{l} Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + \\ (Total \ CBG) + (Total \ THCV) + (Total \ CBC) + \\ (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{array}$ 

TOTAL CBG: 28.298 mg/unit

Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 31.583 mg/unit

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877\*CBDVa)

### **CANNABINOID TEST RESULTS - 02/14/2023**

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.080 / 0.220	±0.5716	15.325	1.6188
СВС	0.060 / 0.200	±0.0344	1.067	0.1127
CBG	0.040 / 0.120	±0.0464	0.956	0.1010
Δ <sup>9</sup> -THC	0.040 / 0.280	±0.0339	0.618	0.0653
CBDa	0.020 / 0.520	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
∆ <sup>8</sup> -THC	0.20 / 0.40	N/A	ND	ND
THCa	0.020 / 0.100	N/A	ND	ND
THCV	0.040 / 0.240	N/A	ND	ND
THCVa	0.040 / 0.380	N/A	ND	ND
CBDV	0.040 / 0.240	N/A	ND	ND
CBDVa	0.020 / 0.360	N/A	ND	ND
CBGa	0.040 / 0.140	N/A	ND	ND
CBL	0.060 / 0.200	N/A	ND	ND
CBN	0.020 / 0.140	N/A	ND	ND
CBCa	0.020 / 0.300	N/A	ND	ND
SUM OF CANNABINOIDS			17.966 mg/mL	1.8978%

### Unit Mass: 29.6 milliliters per Unit / Serving Size: 2.5 milliliters per Serving

$\Delta^9$ -THC per Unit	110 per-package limit	18.293 mg/unit	PASS
$\Delta^9$ -THC per Serving		1.545 mg/serving	PASS
Total THC per Unit		18.293 mg/unit	
Total THC per Serving		1.545 mg/serving	
CBD per Unit		453.620 mg/unit	
CBD per Serving		38.313 mg/serving	
Total CBD per Unit		453.620 mg/unit	
Total CBD per Serving		38.313 mg/serving	
Sum of Cannabinoids per Unit		531.794 mg/unit	
Sum of Cannabinoids per Serving		44.915 mg/serving	
Total Cannabinoids per Unit		531.794 mg/unit	
Total Cannabinoids per Serving		44.916 mg/serving	

### **DENSITY TEST RESULT**

0.9467 g/mL

Tested 02/14/2023

**Method:** QSP 7870 - Sample Preparation