

**SAMPLE NAME: Delta 8 Oil 50mg/ml**

Infused, Non-Inhalable

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR / TESTED FOR**

**Business Name:** Well Rooted

**License Number:**

**Address:**



**SAMPLE DETAIL**

**Batch Number:** D8O

**Sample ID:** 210323Q005

**Date Collected:** 03/23/2021

**Date Received:** 03/23/2021

**Batch Size:**

**Sample Size:** 1.0 units

**Unit Mass:** 30 milliliters per Unit

**Serving Size:** 1 milliliters per Serving



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 21.720 mg/unit

**Total CBD:** <LOQ

**Sum of Cannabinoids:** 1479.900 mg/unit

**Total Cannabinoids:** 1479.810 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:** 0.9508 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

**Microbial Impurities (PCR):** NT

**Microbial Impurities (Plating):** NT

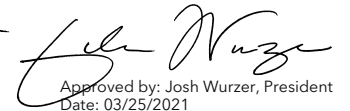
For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**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)

  
 LDC verified by: Kevin Flores  
 Date: 03/25/2021

  
 Approved by: Josh Wurzer, President  
 Date: 03/25/2021



## Cannabinoid Analysis

### CANNABINOID TEST RESULTS - 03/25/2021

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

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

**TOTAL THC: 21.720 mg/unit**

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

**TOTAL CBD: <LOQ**

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

**TOTAL CANNABINOIDS: 1479.810 mg/unit**

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

**TOTAL CBG: 0.570 mg/unit**

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

**TOTAL THCV: <LOQ**

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

**TOTAL CBC: ND**

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

**TOTAL CBDV: ND**

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

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
$\Delta 8\text{THC}$	0.01 / 0.02	$\pm 3.074$	48.57	5.108
$\Delta 9\text{THC}$	0.002 / 0.014	$\pm 0.0510$	0.724	0.0761
CBGa	0.002 / 0.007	$\pm 0.0006$	0.022	0.0023
CBN	0.001 / 0.007	$\pm 0.0005$	0.014	0.0015
THCV	0.002 / 0.012	N/A	<LOQ	<LOQ
CBD	0.004 / 0.011	N/A	<LOQ	<LOQ
THCa	0.001 / 0.005	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDa	0.001 / 0.026	N/A	ND	ND
CBDV	0.002 / 0.012	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBG	0.002 / 0.006	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>49.330 mg/mL</b>	<b>5.1883%</b>

**Unit Mass: 30 milliliters per Unit / Serving Size: 1 milliliters per Serving**

$\Delta 9\text{THC}$ per Unit	1120 per-package limit	21.720 mg/unit	PASS
$\Delta 9\text{THC}$ per Serving		0.724 mg/serving	
Total THC per Unit		21.720 mg/unit	
Total THC per Serving		0.724 mg/serving	
CBD per Unit		<LOQ	
CBD per Serving		<LOQ	
Total CBD per Unit		<LOQ	
Total CBD per Serving		<LOQ	
Sum of Cannabinoids per Unit		1479.900 mg/unit	
Sum of Cannabinoids per Serving		49.330 mg/serving	
Total Cannabinoids per Unit		1479.810 mg/unit	
Total Cannabinoids per Serving		49.327 mg/serving	

**MOISTURE TEST RESULT**

Not Tested
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**DENSITY TEST RESULT**

0.9508 g/mL
Tested 03/25/2021
<b>Method:</b> QSP 7870 - Sample Preparation

**VISCOSITY TEST RESULT**

Not Tested
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