

SAMPLE NAME: Full Spectrum CBD 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: FS15

Sample ID: 210323Q001

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: 45.720 mg/unit

Total CBD: 1462.710 mg/unit

Sum of Cannabinoids: 1556.880 mg/unit

Total Cannabinoids: 1556.880 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: 0.9497 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)


 LIC 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: 45.720 mg/unit

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

TOTAL CBD: 1462.710 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1556.880 mg/unit

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

TOTAL CBG: 28.320 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.720 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 11.820 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	±2.3355	48.757	5.1339
$\Delta 9$ THC	0.002 / 0.014	±0.1074	1.524	0.1605
CBG	0.002 / 0.006	±0.0587	0.944	0.0994
CBDV	0.002 / 0.012	±0.0206	0.394	0.0415
CBN	0.001 / 0.007	±0.0070	0.191	0.0201
CBL	0.003 / 0.010	±0.0029	0.062	0.0065
CBC	0.003 / 0.010	±0.0010	0.024	0.0025
$\Delta 8$ 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
CBDA	0.001 / 0.026	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			51.896 mg/mL	5.4645%

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

$\Delta 9$ THC per Unit	1120 per-package limit	45.720 mg/unit	PASS
$\Delta 9$ THC per Serving		1.524 mg/serving	
Total THC per Unit		45.720 mg/unit	
Total THC per Serving		1.524 mg/serving	
CBD per Unit		1462.710 mg/unit	
CBD per Serving		48.757 mg/serving	
Total CBD per Unit		1462.710 mg/unit	
Total CBD per Serving		48.757 mg/serving	
Sum of Cannabinoids per Unit		1556.880 mg/unit	
Sum of Cannabinoids per Serving		51.896 mg/serving	
Total Cannabinoids per Unit		1556.880 mg/unit	
Total Cannabinoids per Serving		51.896 mg/serving	

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

0.9497 g/mL
Tested 03/25/2021
Method: QSP 7870 - Sample Preparation

VISCOSITY TEST RESULT

Not Tested

