

SAMPLE NAME: Full Spectrum CBD Oil 100mg/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: FS30

Sample ID: 210323Q002

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: 105.990 mg/unit

Total CBD: 3281.520 mg/unit

Sum of Cannabinoids: 3500.670 mg/unit

Total Cannabinoids: 3500.640 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: 0.9552 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 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: 105.990 mg/unit

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

TOTAL CBD: 3281.520 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 3500.640 mg/unit

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

TOTAL CBG: 71.070 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 3.450 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 26.610 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	± 5.2395	109.384	11.4514
$\Delta 9$ THC	0.002 / 0.014	± 0.2491	3.533	0.3699
CBG	0.002 / 0.006	± 0.1467	2.358	0.2469
CBDV	0.002 / 0.012	± 0.0465	0.887	0.0929
CBN	0.001 / 0.007	± 0.0088	0.238	0.0249
CBL	0.003 / 0.010	± 0.0077	0.162	0.0170
CBC	0.003 / 0.010	± 0.0048	0.115	0.0120
CBGa	0.002 / 0.007	± 0.0004	0.012	0.0013
$\Delta 8$ 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
CBCa	0.001 / 0.015	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
SUM OF CANNABINOIDS			116.689 mg/mL	12.2162%

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

Parameter	Limit	Result	Status
$\Delta 9$ THC per Unit	1120 per-package limit	105.990 mg/unit	PASS
$\Delta 9$ THC per Serving		3.533 mg/serving	
Total THC per Unit		105.990 mg/unit	
Total THC per Serving		3.533 mg/serving	
CBD per Unit		3281.520 mg/unit	
CBD per Serving		109.384 mg/serving	
Total CBD per Unit		3281.520 mg/unit	
Total CBD per Serving		109.384 mg/serving	
Sum of Cannabinoids per Unit		3500.670 mg/unit	
Sum of Cannabinoids per Serving		116.689 mg/serving	
Total Cannabinoids per Unit		3500.640 mg/unit	
Total Cannabinoids per Serving		116.688 mg/serving	

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

0.9552 g/mL
Tested 03/25/2021
Method: QSP 7870 - Sample Preparation

VISCOSITY TEST RESULT

Not Tested

