

SAMPLE NAME: Full Spectrum Concentrate

Infused, Concentrated Liquid Edible

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Ology Essentials

License Number:
Address:
SAMPLE DETAIL
Batch Number: 110823047

Sample ID: 230305N012

Date Collected: 03/05/2023

Date Received: 03/05/2023

Batch Size:
Sample Size: 1.0 units

Unit Mass:
Serving Size:


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 2.387 mg/g

Total CBD: 101.010 mg/g

Sum of Cannabinoids: 106.67 mg/g

Total Cannabinoids: 106.67 mg/g

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$$

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

$$\begin{aligned} \text{Sum of Cannabinoids} = & \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ & \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ \text{Total Cannabinoids} = & (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + \\ & (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + \\ & (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \end{aligned}$$
Density: 0.9536 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.

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



Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 04/14/2023




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: 2.387 mg/g

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 101.010 mg/g

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 106.67 mg/g

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: 0.929 mg/g

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.699 mg/g

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.503 mg/g

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 03/13/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±3.7677	101.010	10.1010
Δ^9 -THC	0.002 / 0.014	±0.1310	2.387	0.2387
CBG	0.002 / 0.006	±0.0451	0.929	0.0929
CBN	0.001 / 0.007	±0.0204	0.710	0.0710
CBC	0.003 / 0.010	±0.0225	0.699	0.0699
CBDV	0.002 / 0.012	±0.0205	0.503	0.0503
CBL	0.003 / 0.010	±0.0150	0.406	0.0406
Δ^8 -THC	0.01 / 0.02	±0.001	0.03	0.003
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
CBGa	0.002 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			106.67 mg/g	10.667%

DENSITY TEST RESULT

0.9536 g/mL

Tested 03/13/2023

Method: QSP 7870 - Sample Preparation