

SAMPLE NAME: CBD/CBG 1 fl oz Tincture

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Nature's Bloom CBD

License Number:
Address:

SAMPLE DETAIL
Batch Number:
Sample ID: 230814R010

Date Collected: 08/14/2023

Date Received: 08/14/2023

Batch Size:
Sample Size: 1.0 units

Unit Mass: 30 grams per Unit

Serving Size:


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 33.690 mg/unit

Total CBD: 1263.090 mg/unit

Sum of Cannabinoids: 2682.150 mg/unit

Total Cannabinoids: 2681.340 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:

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

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

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

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

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
Density: 0.9503 g/mL


SAFETY ANALYSIS - SUMMARY
 $\Delta^9\text{-THC}$ per Unit: ✔ 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.

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



LQC verified by: Maria Garcia
Job Title: Senior Laboratory Analyst
Date: 08/15/2023



Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 08/15/2023




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: 33.690 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1263.090 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 2681.340 mg/unit

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

TOTAL CBG: 1303.710 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 63.810 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 11.100 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 08/15/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBG	0.002 / 0.006	±2.1077	43.457	4.3457
CBD	0.004 / 0.011	±1.5632	41.908	4.1908
CBC	0.003 / 0.010	±0.0685	2.127	0.2127
Δ^9 -THC	0.002 / 0.014	±0.0617	1.123	0.1123
CBDV	0.002 / 0.012	±0.0151	0.370	0.0370
CBDA	0.001 / 0.026	±0.0063	0.222	0.0222
CBL	0.003 / 0.010	±0.0048	0.129	0.0129
CBN	0.001 / 0.007	±0.0020	0.069	0.0069
Δ^8 -THC	0.01 / 0.02	N/A	ND	ND
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
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			89.405 mg/g	8.9405%

Unit Mass: 30 grams per Unit

Δ^9 -THC per Unit	110 per-package limit	33.690 mg/unit	PASS
Total THC per Unit		33.690 mg/unit	
CBD per Unit		1257.240 mg/unit	
Total CBD per Unit		1263.090 mg/unit	
Sum of Cannabinoids per Unit		2682.150 mg/unit	
Total Cannabinoids per Unit		2681.340 mg/unit	

DENSITY TEST RESULT

0.9503 g/mL

Tested 08/15/2023

Method: QSP 7870 - Sample Preparation