

SAMPLE NAME: 1,590mg Calm Full Spectrum CBD + CBN + CBDV Oil
Infused, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Colorado Botanicals
License Number:
Address:


SAMPLE DETAIL

Batch Number: FC15901
Sample ID: 221212M017

Date Collected: 12/12/2022
Date Received: 12/12/2022
Batch Size:
Sample Size:
Unit Mass: 30 milliliters per Unit
Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 71.760 mg/unit

Total CBD: 1785.780 mg/unit

Sum of Cannabinoids: 2045.250 mg/unit

Total Cannabinoids: 2045.250 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 = Δ^9 -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa +

THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN

Total Cannabinoids = (Δ^9 -THC+0.877*THCa) + (CBD+0.877*CBDa) +

(CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) +

(CBDV+0.877*CBDVa) + Δ^8 -THC + CBL + CBN

Density: 0.9505 g/mL

SAFETY ANALYSIS - SUMMARY

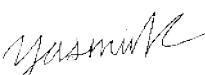
Δ^9 -THC per Unit:  **PASS**

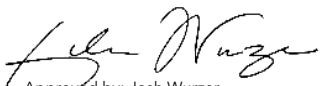
For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

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: Yasmin Kakkar
Job Title: Lead Laboratory Analyst
Date: 12/17/2022


Approved by: Josh Wurzer
Job Title: President
Date: 12/17/2022



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: 71.760 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1785.780 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 2045.250 mg/unit

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

TOTAL CBG: 46.050 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 2.040 mg/unit

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 16.500 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 70.200 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 12/17/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±2.2203	59.526	6.2626
Δ^9 -THC	0.002 / 0.014	±0.1313	2.392	0.2517
CBDV	0.002 / 0.012	±0.0955	2.340	0.2462
CBN	0.001 / 0.007	±0.0461	1.605	0.1689
CBG	0.002 / 0.006	±0.0744	1.535	0.1615
CBC	0.003 / 0.010	±0.0177	0.550	0.0579
CBL	0.003 / 0.010	±0.0059	0.159	0.0167
THCV	0.002 / 0.012	±0.0033	0.068	0.0072
Δ^8 -THC	0.01 / 0.02	N/A	ND	ND
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
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			68.175 mg/mL	7.1725%

Unit Mass: 30 milliliters per Unit

Δ^9 -THC per Unit	110 per-package limit	71.760 mg/unit	PASS
Total THC per Unit		71.760 mg/unit	
CBD per Unit		1785.780 mg/unit	
Total CBD per Unit		1785.780 mg/unit	
Sum of Cannabinoids per Unit		2045.250 mg/unit	
Total Cannabinoids per Unit		2045.250 mg/unit	

DENSITY TEST RESULT

0.9505 g/mL

Tested 12/17/2022

Method: QSP 7870 - Sample Preparation