

**SAMPLE NAME: 330mg 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:** FC33001  
**Sample ID:** 221212M015

**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: 14.040 mg/unit**

**Total CBD: 437.880 mg/unit**

**Sum of Cannabinoids: 509.070 mg/unit**

**Total Cannabinoids: 509.070 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 =  $(\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$

**Density: 0.9466 g/mL**

**SAFETY ANALYSIS - SUMMARY**

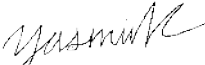
$\Delta^9\text{-THC}$  per Unit:  **PASS**

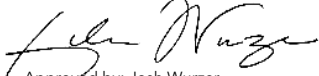
For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

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

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




## Cannabinoïd Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: 14.040 mg/unit**

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

**TOTAL CBD: 437.880 mg/unit**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 509.070 mg/unit**

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

**TOTAL CBG: 10.470 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 3.960 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 21.390 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	±0.5444	14.596	1.5419
CBDV	0.002 / 0.012	±0.0291	0.713	0.0753
CBN	0.001 / 0.007	±0.0192	0.669	0.0707
$\Delta^9$ -THC	0.002 / 0.014	±0.0257	0.468	0.0494
CBG	0.002 / 0.006	±0.0169	0.349	0.0369
CBC	0.003 / 0.010	±0.0043	0.132	0.0139
CBL	0.003 / 0.010	±0.0015	0.042	0.0044
$\Delta^8$ -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
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
<b>SUM OF CANNABINOIDS</b>			<b>16.969 mg/mL</b>	<b>1.7926%</b>

### Unit Mass: 30 milliliters per Unit

$\Delta^9$ -THC per Unit	110 per-package limit	14.040 mg/unit	PASS
Total THC per Unit		14.040 mg/unit	
CBD per Unit		437.880 mg/unit	
Total CBD per Unit		437.880 mg/unit	
Sum of Cannabinoids per Unit		509.070 mg/unit	
Total Cannabinoids per Unit		509.070 mg/unit	

### DENSITY TEST RESULT

0.9466 g/mL

Tested 12/17/2022

**Method:** QSP 7870 - Sample Preparation