

**SAMPLE NAME: 810mg 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:** FC810001  
**Sample ID:** 221212M016

**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: 34.320 mg/unit**

**Total CBD: 837.990 mg/unit**

**Sum of Cannabinoids: 977.580 mg/unit**

**Total Cannabinoids: 977.580 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 =  $\Delta^9$ -THC + (THCa (0.877))  
Total CBD = CBD + (CBDa (0.877))  
Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBN  
Total Cannabinoids = ( $\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) + (CBDV+0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + CBN

**Density: 0.951 g/mL**

**SAFETY ANALYSIS - SUMMARY**

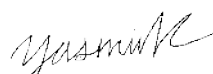
$\Delta^9$ -THC per Unit:  **PASS**

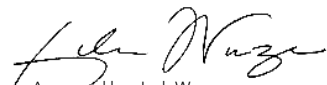
For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**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




## 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: 34.320 mg/unit

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

### TOTAL CBD: 837.990 mg/unit

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 977.580 mg/unit

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

### TOTAL CBG: 20.760 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 7.710 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 37.800 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	±1.0419	27.933	2.9372
CBDV	0.002 / 0.012	±0.0514	1.260	0.1325
CBN	0.001 / 0.007	±0.0351	1.222	0.1285
$\Delta^9$ -THC	0.002 / 0.014	±0.0628	1.144	0.1203
CBG	0.002 / 0.006	±0.0336	0.692	0.0728
CBC	0.003 / 0.010	±0.0083	0.257	0.0270
CBL	0.003 / 0.010	±0.0029	0.078	0.0082
$\Delta^8$ -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>32.586 mg/mL</b>	<b>3.4265%</b>

## Unit Mass: 30 milliliters per Unit

$\Delta^9$ -THC per Unit	110 per-package limit	34.320 mg/unit	PASS
Total THC per Unit		34.320 mg/unit	
CBD per Unit		837.990 mg/unit	
Total CBD per Unit		837.990 mg/unit	
Sum of Cannabinoids per Unit		977.580 mg/unit	
Total Cannabinoids per Unit		977.580 mg/unit	

## DENSITY TEST RESULT

0.951 g/mL

Tested 12/17/2022

**Method:** QSP 7870 - Sample Preparation