

**SAMPLE NAME: cbdMD Pain Cream 3000mg**

Infused, Topical

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** cbdMD

**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:** 24378 98-88-G

**Sample ID:** 230307F009

**Date Collected:** 03/07/2023

**Date Received:** 03/07/2023

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:** 120 grams per Unit

**Serving Size:**


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** **Not Detected**
**Total CBD:** **3607.320 mg/unit**
**Sum of Cannabinoids:** **3665.040 mg/unit**
**Total Cannabinoids:** **3665.040 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:

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

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

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

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

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

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


$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
**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)



Approved by: Josh Wurzer  
Job Title: President  
Date: 03/08/2023



## Cannabinoid Analysis

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

†Analytes not part of our ISO/IEC 17025 scope of accreditation.

**Method:** LA-SOP-101 Cannabinoid Analysis by HPLC-DAD

### TOTAL THC: **Not Detected**

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

### TOTAL CBD: **3607.320 mg/unit**

Total CBD (CBD+0.877\*CBDA)

### TOTAL CANNABINOIDS: **3665.040 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^9$ -THC + CBL + CBN

### TOTAL CBG: **24.600 mg/unit**

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: **ND**

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: **ND**

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: **23.040 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 03/07/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.020 / 0.067	±0.3457	30.061	3.0061
CBG	0.016 / 0.054	±0.0033	0.205	0.0205
CBDV	0.026 / 0.087	±0.0017	0.192	0.0192
CBN	0.009 / 0.029	±0.0007	0.084	0.0084
$\Delta^9$ -THC	0.032 / 0.107	N/A	ND	ND
$\Delta^8$ -THC	0.022 / 0.072	N/A	ND	ND
THCa	0.006 / 0.022	N/A	ND	ND
THCV	0.011 / 0.037	N/A	ND	ND
THCVa	0.012 / 0.041	N/A	ND	ND
CBDA	0.011 / 0.035	N/A	ND	ND
CBDVa	0.008 / 0.027	N/A	ND	ND
CBGa	0.011 / 0.035	N/A	ND	ND
CBL†	0.021 / 0.069	N/A	ND	ND
CBC	0.014 / 0.046	N/A	ND	ND
CBCa	0.021 / 0.071	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>30.542 mg/g</b>	<b>3.0542%</b>

### Unit Mass: 120 grams per Unit

$\Delta^9$ -THC per Unit	1100 per-package limit	ND	PASS
Total THC per Unit		ND	
CBD per Unit		3607.320 mg/unit	
Total CBD per Unit		3607.320 mg/unit	
Sum of Cannabinoids per Unit		3665.040 mg/unit	
Total Cannabinoids per Unit		3665.040 mg/unit	

### NOTES

CoA Amended Update: Order Details-Dilution