

# **Hemp Quality Assurance Testing**

# **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 07/06/2024** 

SAMPLE NAME: CBDMD Unflavored Booster

Infused, Hemp

**CULTIVATOR / MANUFACTURER** 

Business Name: CBDMD License Number:

Address:

SAMPLE DETAIL

Batch Number: P-24-183-B Sample ID: 240705M003

**DISTRIBUTOR / TESTED FOR** 

Business Name: CBDMD . License Number:

Address:

Date Collected: 07/05/2024 Date Received: 07/05/2024

Batch Size:

Sample Size: 1.0 units

Unit Mass:

Serving Size: 1 milliliters per Serving



#### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 3.291 mg/mL

Total CBD: 0.052 mg/mL

Sum of Cannabinoids: 6.339 mg/mL

Total Cannabinoids: 6.339 mg/mL

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: 1.0034 g/mL

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.

LQC verified by: Carmen Stackhouse Job Title: Senior Laboratory Analyst Date: 07/06/2024

Approved by: Josh Wurzer Title: Chief Compliance Officer Date: 07/06/2024



# Hemp Quality Assurance Testing

### **CERTIFICATE OF ANALYSIS**



CBDMD UNFLAVORED BOOSTER | DATE ISSUED 07/06/2024



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

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

TOTAL THC: 3.291 mg/mL Total THC ( $\Delta^9$ -THC+0.877\*THCa)

TOTAL CBD: 0.052 mg/mL
Total CBD (CBD+0.877\*CBDa)

#### TOTAL CANNABINOIDS: 6.339 mg/mL

$$\label{eq:total_constraint} \begin{split} & Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + (Total \ CBC) + (Total \ CBC) + (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{split}$$

TOTAL CBG: 2.912 mg/mL Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: 0.018 mg/mL Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 0.011 mg/mL
Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877\*CBDVa)

#### **CANNABINOID TEST RESULTS - 07/06/2024**

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
Δ <sup>9</sup> -THC	0.040 / 0.280	±0.1807	3.291	0.3280
CBG	0.002 / 0.006	±0.1412	2.912	0.2902
CBN	0.001/0.007	±0.0016	0.055	0.0055
CBD	0.004 / 0.011	±0.0019	0.052	0.0052
THCV	0.002 / 0.012	±0.0009	0.018	0.0018
СВС	0.003 / 0.010	±0.0004	0.011	0.0011
Δ <sup>8</sup> -THC	0.01 / 0.02	N/A	ND	ND
THCa	0.020 / 0.100	N/A	ND	ND
THCVa	0.002/0.019	N/A	ND	ND
CBDa	0.001 / 0.026	N/A	ND	ND
CBDV	0.002/0.012	N/A	ND	ND
CBDVa	0.001/0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNAE	SUM OF CANNABINOIDS			0.6318%

### Serving Size: 1 milliliters per Serving

$\Delta^9$ -THC per Serving	3.291 mg/serving
Total THC per Serving	3.291 mg/serving
CBD per Serving	0.052 mg/serving
Total CBD per Serving	0.052 mg/serving
Sum of Cannabinoids per Serving	6.339 mg/serving
Total Cannabinoids per Serving	6.339 mg/serving

#### **DENSITY TEST RESULT**

1.0034 g/mL

Tested 07/06/2024

Method: QSP 7870 - Sample



# **Hemp Quality Assurance Testing**

# **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 07/23/2024** 

**SAMPLE NAME: Unflavored Mixer** 

Infused, Liquid Edible

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

**Batch Number:** P-24-183-B **Sample ID:** 240718M020

**DISTRIBUTOR / TESTED FOR** 

Business Name: cbdMD License Number: Address:

Date Collected: 07/18/2024 Date Received: 07/18/2024

Batch Size: 1.0 units Sample Size: 1.0 units

Unit Mass:

Serving Size: 1 milliliters per Serving



#### **CANNABINOID ANALYSIS - SUMMARY**

Density: 1.1404 g/mL

#### **SAFETY ANALYSIS - SUMMARY**

Mycotoxins: 

PASS

Heavy Metals: 

PASS

Microbiology (PCR): 

PASS

Microbiology (Plating): ND

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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.

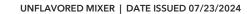
**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

LQC verified by/Samantha LeBeau Job Title: Laboratory Assistant Date: 07/23/2024

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 07/23/2024









# **Mycotoxin Analysis**

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

**Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by I.C.-MS

### MYCOTOXIN TEST RESULTS - 07/20/2024 PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (μg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (μg/kg)	RESULT
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5.6		N/A	ND	
Aflatoxin G1	1.0 / 3.1		N/A	ND	
Aflatoxin G2	1.2 / 3.5		N/A	ND	
Total Aflatoxin		20		ND	PASS
Ochratoxin A	6.3 / 19.2	20	N/A	ND	PASS



# **Heavy Metals Analysis**

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

#### HEAVY METALS TEST RESULTS - 07/20/2024 **⊘ PASS**

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (μg/g)	RESULT (µg/g)	RESULT
Arsenic	0.02 / 0.1	1.5	N/A	ND	PASS
Cadmium	0.02 / 0.05	0.5	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	3	N/A	ND	PASS



# Microbiology Analysis

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

**Method:** QSP 1221 - Analysis of Microbiological Contaminants

Analysis conducted by 3M<sup>™</sup> Petrifilm<sup>™</sup> and plate counts of microbiological contaminants.

**Method:** QSP 6794 - Plating with  $3M^{TM}$  Petrifilm<sup>TM</sup>

### MICROBIOLOGY TEST RESULTS (PCR) - 07/23/2024 PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
Shiga toxin-producing Escherichia coli	Not Detected in 1g	ND	PASS
Salmonella spp.	Not Detected in 1g	ND	PASS
Listeria monocytogenes		ND	

### MICROBIOLOGY TEST RESULTS (PLATING) - 07/23/2024 ND

COMPOUND	(cfu/g)
Total Aerobic Bacteria	ND
Total Yeast and Mold	ND