Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 02/23/2022

SAMPLE NAME: cbdMD 750mg Full Spectrum Gummies

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: cbdMD
License Number:
Address:

SAMPLE DETAIL

Batch Number: 80245-1
Sample ID: 220222N010

Date Collected: 02/22/2022
Date Received: 02/22/2022
Batch Size:
Sample Size: 1.0 units
Unit Mass: 101.265 grams per Unit
Serving Size: 3.3755 grams per Serving

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 35.645 mg/unit

Total CBD: 774.272 mg/unit

Sum of Cannabinoids: 841.613 mg/unit

Total Cannabinoids: 841.613 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

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: Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states except Alaska. Action limits for required tests are the lower of any conflicting state regulations.

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: Michael Pham
Date: 02/23/2022

Approved by: Josh Wurzer, President
Date: 02/23/2022

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: 35.645 mg/unit
Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 774.272 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 841.613 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: 6.582 mg/unit
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 17.013 mg/unit
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 4.354 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/23/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.004 / 0.011*	*±0.2852*	7.646	0.7646
Δ^9-THC	*0.002 / 0.014*	*±0.0193*	0.352	0.0352
CBC	*0.003 / 0.010*	*±0.0054*	0.168	0.0168
CBG	*0.002 / 0.006*	*±0.0032*	0.065	0.0065
CBDV	*0.002 / 0.012*	*±0.0018*	0.043	0.0043
CBN	*0.001 / 0.007*	*±0.0011*	0.037	0.0037
CBL	*0.003 / 0.010*	*N/A*	<LOQ	<LOQ
Δ^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
SUM OF CANNABINOIDS			8.311 mg/g	0.8311%

Unit Mass: 101.265 grams per Unit / Serving Size: 3.3755 grams per Serving

Δ^9-THC per Unit	35.645 mg/unit
Δ^9-THC per Serving	1.188 mg/serving
Total THC per Unit	35.645 mg/unit
Total THC per Serving	1.188 mg/serving
CBD per Unit	774.272 mg/unit
CBD per Serving	25.809 mg/serving
Total CBD per Unit	774.272 mg/unit
Total CBD per Serving	25.809 mg/serving
Sum of Cannabinoids per Unit	841.613 mg/unit
Sum of Cannabinoids per Serving	28.054 mg/serving
Total Cannabinoids per Unit	841.613 mg/unit
Total Cannabinoids per Serving	28.053 mg/serving