

SAMPLE NAME: Broad Spec 50mg Gummy

Infused, Colorado Infused

CULTIVATOR / MANUFACTURER**Business Name:****License Number:****Address:****DISTRIBUTOR / TESTED FOR****Business Name:** MBX Industries LLC**License Number:****Address:****SAMPLE DETAIL****Batch Number:****Sample ID:** 220913N012**Date of Sampling:** 09/13/2022**Time of Sampling:** 12:33 p.m.**Sampler Name:****Sampler Company:****Date Collected:** 09/13/2022**Date Received:** 09/13/2022**Batch Size:****Sample Size:** 10000.0 units**Unit Mass:****Serving Size:** 5 grams per ServingScan QR code to verify
authenticity of results.**CANNABINOID ANALYSIS - SUMMARY****Total THC:** Not Detected**Total CBD:** 11.226 mg/g**Sum of Cannabinoids:** 11.922 mg/g**Total Cannabinoids:** 11.922 mg/g

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 + CBNTotal 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: 6 CCR 1010-21 Colorado Wholesale Food, Industrial Hemp, and Shellfish Regulations; where applicable

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
Date: 09/16/2022
Approved by: Josh Wurzer, President
Date: 09/16/2022



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: Not Detected

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 11.226 mg/g

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 11.922 mg/g

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

TOTAL CBG: 0.548 mg/g

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.023 mg/g

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.078 mg/g

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 09/16/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	± 0.4187	11.226	1.1226
CBG	0.002 / 0.006	± 0.0266	0.548	0.0548
CBDV	0.002 / 0.012	± 0.0032	0.078	0.0078
CBN	0.001 / 0.007	± 0.0013	0.047	0.0047
CBC	0.003 / 0.010	± 0.0007	0.023	0.0023
Δ^9 -THC	0.002 / 0.014	N/A	ND	ND
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
CBL	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
Total THC		N/A	ND	ND
SUM OF CANNABINOIDS			11.922 mg/g	1.1922%

Serving Size: 5 grams per Serving

Δ^9 -THC per Serving	ND
Total THC per Serving	ND
CBD per Serving	56.130 mg/serving
Total CBD per Serving	56.130 mg/serving
Sum of Cannabinoids per Serving	59.610 mg/serving
Total Cannabinoids per Serving	59.610 mg/serving