SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 08/19/2022

SAMPLE NAME: FS 2.5 Gummies
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: 220816N009
Date of Sampling: 08/16/2022
Time of Sampling: 12:11 p.m.
Sampler Name:
Sampler Company:

Date Collected: 08/16/2022
Date Received: 08/16/2022
Batch Size:
Sample Size: 10000.0 units
Unit Mass: 62.9591 grams per Unit
Serving Size: 3.148 grams per Serving

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 50.367 mg/unit

Total CBD: 345.457 mg/unit

Sum of Cannabinoids: 444.49 mg/unit

Total Cannabinoids: 444.42 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: 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: 08/19/2022

Approved by: Josh Wurzer, President
Date: 08/19/2022

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

TOTAL CBD: 345.457 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 444.42 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: 16.810 mg/unit
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: <LOQ
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 13.599 mg/unit
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 4.533 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 08/19/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.004 / 0.011*	*±0.2047*	5.487	0.5487
Δ^9-THC	*0.002 / 0.014*	*±0.0439*	0.800	0.0800
CBG	*0.002 / 0.006*	*±0.0129*	0.267	0.0267
CBC	*0.003 / 0.010*	*±0.0070*	0.216	0.0216
Δ^8-THC	*0.01 / 0.02*	*±0.007*	0.14	0.014
CBDV	*0.002 / 0.012*	*±0.0029*	0.072	0.0072
CBN	*0.001 / 0.007*	*±0.0017*	0.059	0.0059
CBL	*0.003 / 0.010*	*±0.0007*	0.018	0.0018
THCV	*0.002 / 0.012*	*N/A*	<LOQ	<LOQ
THCa	*0.001 / 0.005*	*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
Total THC		*±0.0439*	0.800	0.0800
SUM OF CANNABINOIDS			7.06 mg/g	0.706%

Unit Mass: 62.9591 grams per Unit / Serving Size: 3.148 grams per Serving

Δ^9-THC per Unit	50.367 mg/unit
Δ^9-THC per Serving	2.518 mg/serving
Total THC per Unit	50.367 mg/unit
Total THC per Serving	2.518 mg/serving
CBD per Unit	345.457 mg/unit
CBD per Serving	17.273 mg/serving
Total CBD per Unit	345.457 mg/unit
Total CBD per Serving	17.273 mg/serving
Sum of Cannabinoids per Unit	444.49 mg/unit
Sum of Cannabinoids per Serving	22.22 mg/serving
Total Cannabinoids per Unit	444.42 mg/unit
Total Cannabinoids per Serving	22.22 mg/serving

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