

SAMPLE NAME: Melatonin + CBN Gummy

Infused, Hemp

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: GOOD CBD

License Number:
Address:

SAMPLE DETAIL
Batch Number: G821

Sample ID: 240208M008

Date Collected: 02/08/2024

Date Received: 02/08/2024

Batch Size: 3.0 units

Sample Size: 1.0 units

Unit Mass: 3 grams per Unit

Serving Size: 1 grams per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 1.344 mg/unit

Total CBD: 26.343 mg/unit

Sum of Cannabinoids: 38.688 mg/unit

Total Cannabinoids: 38.688 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:

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

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

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

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

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

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

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

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: Michael Pham
 Job Title: Senior Laboratory Analyst
 Date: 02/13/2024



 Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 02/13/2024

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)




Cannabinoïd Analysis

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

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

TOTAL THC: 1.344 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 26.343 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 38.688 mg/unit

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

TOTAL CBG: 1.275 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.963 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.444 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/13/2024

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.3275	8.781	0.8781
CBN	0.001 / 0.007	±0.0788	2.745	0.2745
Δ^9 -THC	0.002 / 0.014	±0.0246	0.448	0.0448
CBG	0.002 / 0.006	±0.0206	0.425	0.0425
CBC	0.003 / 0.010	±0.0103	0.321	0.0321
CBDV	0.002 / 0.012	±0.0060	0.148	0.0148
CBL	0.003 / 0.010	±0.0010	0.028	0.0028
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			12.896 mg/g	1.2896%

Unit Mass: 3 grams per Unit / Serving Size: 1 grams per Serving

Δ^9 -THC per Unit	1.344 mg/unit
Δ^9 -THC per Serving	0.448 mg/serving
Total THC per Unit	1.344 mg/unit
Total THC per Serving	0.448 mg/serving
CBD per Unit	26.343 mg/unit
CBD per Serving	8.781 mg/serving
Total CBD per Unit	26.343 mg/unit
Total CBD per Serving	8.781 mg/serving
Sum of Cannabinoids per Unit	38.688 mg/unit
Sum of Cannabinoids per Serving	12.896 mg/serving
Total Cannabinoids per Unit	38.688 mg/unit
Total Cannabinoids per Serving	12.896 mg/serving