

**SAMPLE NAME: CBD + Melatonin Gummy**

Infused, Hemp

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

**License Number:**
**Address:**

**SAMPLE DETAIL**
**Batch Number:** G521

**Sample ID:** 240208M009

**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:** 1.440 mg/unit

**Total CBD:** 25.731 mg/unit

**Sum of Cannabinoids:** 30.003 mg/unit

**Total Cannabinoids:** 30.003 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)



## 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: 1.440 mg/unit

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

### TOTAL CBD: 25.731 mg/unit

Total CBD (CBD+0.877\*CBDA)

### TOTAL CANNABINOIDS: 30.003 mg/unit

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

### TOTAL CBG: 1.221 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 0.936 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 0.435 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	±0.3199	8.577	0.8577
$\Delta^9$ -THC	0.002 / 0.014	±0.0264	0.480	0.0480
CBG	0.002 / 0.006	±0.0197	0.407	0.0407
CBC	0.003 / 0.010	±0.0100	0.312	0.0312
CBDV	0.002 / 0.012	±0.0059	0.145	0.0145
CBN	0.001 / 0.007	±0.0015	0.053	0.0053
CBL	0.003 / 0.010	±0.0010	0.027	0.0027
$\Delta^8$ -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
<b>SUM OF CANNABINOIDS</b>			10.001 mg/g	1.0001%

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

$\Delta^9$ -THC per Unit	1.440 mg/unit
$\Delta^9$ -THC per Serving	0.480 mg/serving
Total THC per Unit	1.440 mg/unit
Total THC per Serving	0.480 mg/serving
CBD per Unit	25.731 mg/unit
CBD per Serving	8.577 mg/serving
Total CBD per Unit	25.731 mg/unit
Total CBD per Serving	8.577 mg/serving
Sum of Cannabinoids per Unit	30.003 mg/unit
Sum of Cannabinoids per Serving	10.001 mg/serving
Total Cannabinoids per Unit	30.003 mg/unit
Total Cannabinoids per Serving	10.001 mg/serving