

### SAMPLE NAME: Grape CBD Full Spectrum Gummy

Infused, Hemp Infused

#### CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

#### DISTRIBUTOR / TESTED FOR

Business Name: GOOD CBD

License Number:

Address:

#### SAMPLE DETAIL

Batch Number: G12349

Sample ID: 210924M010

Date Collected: 09/24/2021

Date Received: 09/24/2021

Batch Size:

Sample Size: 1.0 units

Unit Mass:

Serving Size: 6 grams per Serving



Scan QR code to verify authenticity of results.

### CANNABINOID ANALYSIS - SUMMARY

Total THC: **1.172 mg/g**

Total CBD: **6.139 mg/g**

Sum of Cannabinoids: **8.012 mg/g**

Total Cannabinoids: **8.012 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 =  $\Delta 9\text{THC} + (\text{THCa} \times 0.877)$

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

Sum of Cannabinoids =  $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Total Cannabinoids =  $(\Delta 9\text{THC} + 0.877 \times \text{THCa}) + (\text{CBD} + 0.877 \times \text{CBDa}) + (\text{CBG} + 0.877 \times \text{CBGa}) + (\text{THCV} + 0.877 \times \text{THCVa}) + (\text{CBC} + 0.877 \times \text{CBCa}) + (\text{CBDV} + 0.877 \times \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

For quality assurance purposes. Not a Pre-Harvest 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. Action limits for required tests are either state-specific, or the lower of any conflicting state regulations based upon the panel requested.

**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)

*Carmen Stackhouse*  
LQC verified by: Carmen Stackhouse  
Date: 09/27/2021

*Josh Wurzer*  
Approved by: Josh Wurzer, President  
Date: 09/27/2021



## 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: 1.172 mg/g**

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

**TOTAL CBD: 6.139 mg/g**

Total CBD (CBD + 0.877\*CBDA)

**TOTAL CANNABINOIDS: 8.012 mg/g**

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

**TOTAL CBG: 0.247 mg/g**

Total CBG (CBG + 0.877\*CBGa)

**TOTAL THCV: 0.023 mg/g**

Total THCV (THCV + 0.877\*THCVa)

**TOTAL CBC: 0.092 mg/g**

Total CBC (CBC + 0.877\*CBCa)

**TOTAL CBDV: 0.072 mg/g**

Total CBDV (CBDV + 0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 09/27/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	$\pm 0.2941$	6.139	0.6139
$\Delta 9$ THC	0.002 / 0.014	$\pm 0.0826$	1.172	0.1172
CBG	0.002 / 0.006	$\pm 0.0154$	0.247	0.0247
$\Delta 8$ THC	0.01 / 0.02	$\pm 0.008$	0.13	0.013
CBC	0.003 / 0.010	$\pm 0.0038$	0.092	0.0092
CBDV	0.002 / 0.012	$\pm 0.0038$	0.072	0.0072
CBN	0.001 / 0.007	$\pm 0.0026$	0.071	0.0071
CBL	0.003 / 0.010	$\pm 0.0031$	0.066	0.0066
THCV	0.002 / 0.012	$\pm 0.0014$	0.023	0.0023
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
SUM OF CANNABINOIDS			8.012 mg/g	0.8012%

### Serving Size: 6 grams per Serving

$\Delta 9$ THC per Serving	7.032 mg/serving
Total THC per Serving	7.032 mg/serving
CBD per Serving	36.834 mg/serving
Total CBD per Serving	36.834 mg/serving
Sum of Cannabinoids per Serving	48.072 mg/serving
Total Cannabinoids per Serving	48.072 mg/serving

