

**SAMPLE NAME: 5mg Delta 9 Gummies - Grape**

Infused, Hemp Infused

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

**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:** GP478

**Sample ID:** 221027M044

**Date Collected:** 10/27/2022

**Date Received:** 10/27/2022

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:** 6 grams per Unit

**Serving Size:** 6 grams per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC: 4.902 mg/unit**
**Total CBD: 23.856 mg/unit**
**Sum of Cannabinoids: 31.614 mg/unit**
**Total Cannabinoids: 31.614 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:

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

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

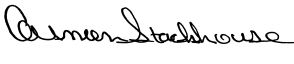
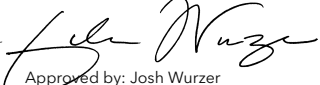
$$\begin{aligned} \text{Sum of Cannabinoids} = & \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ & \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ \text{Total Cannabinoids} = & (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + \\ & (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + \\ & (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \end{aligned}$$

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:** Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states except Alaska. Action limits for required tests are the lower of any conflicting state regulations.

**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: Carmen Stackhouse  
 Job Title: Senior Laboratory Analyst  
 Date: 10/30/2022  
 Approved by: Josh Wurzer  
 Job Title: President  
 Date: 10/30/2022




## 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: 4.902 mg/unit

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

### TOTAL CBD: 23.856 mg/unit

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 31.614 mg/unit

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

### TOTAL CBG: 1.458 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 0.654 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 0.318 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 10/30/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.1483	3.976	0.3976
$\Delta^9$ -THC	0.002 / 0.014	±0.0449	0.817	0.0817
CBG	0.002 / 0.006	±0.0118	0.243	0.0243
CBC	0.003 / 0.010	±0.0035	0.109	0.0109
CBDV	0.002 / 0.012	±0.0022	0.053	0.0053
CBN	0.001 / 0.007	±0.0014	0.048	0.0048
CBL	0.003 / 0.010	±0.0008	0.023	0.0023
$\Delta^8$ -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>			<b>5.269 mg/g</b>	<b>0.5269%</b>

## Unit Mass: 6 grams per Unit / Serving Size: 6 grams per Serving

$\Delta^9$ -THC per Unit	4.902 mg/unit
$\Delta^9$ -THC per Serving	4.902 mg/serving
Total THC per Unit	4.902 mg/unit
Total THC per Serving	4.902 mg/serving
CBD per Unit	23.856 mg/unit
CBD per Serving	23.856 mg/serving
Total CBD per Unit	23.856 mg/unit
Total CBD per Serving	23.856 mg/serving
Sum of Cannabinoids per Unit	31.614 mg/unit
Sum of Cannabinoids per Serving	31.614 mg/serving
Total Cannabinoids per Unit	31.614 mg/unit
Total Cannabinoids per Serving	31.614 mg/serving