

## **Hemp Quality Assurance Testing**

### **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 10/30/2022** 

SAMPLE NAME: 5mg Delta 9 Gummies - Pineapple

Infused, Hemp Infused

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: GP987 Sample ID: 221027M045 **DISTRIBUTOR / TESTED FOR** 

Business Name: Green Planet CBD

License Number:

Address:

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: 4.590 mg/unit

Total CBD: 24.804 mg/unit

Sum of Cannabinoids: 32.40 mg/unit

Total Cannabinoids: 32.41 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 =  $\Delta^{\circ}$ -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBN Total Cannabinoids =  $(\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +

 $(CBDV+0.877*CBGa) + (THCV+0.877*THCVa) + (CBDV+0.877*CBDVa) + \Delta^8-THC + CBL + CBN$ 

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: 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.

LQC verified by: Callie Stone Job Title: Senior Laboratory Analyst Date: 10/30/2022

Approved by: Josh Wurzer
Job Title: President
Date: 10/30/2022

 $\textbf{References:} \ \text{limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT) \\$ 



# **Hemp Quality Assurance Testing**





5MG DELTA 9 GUMMIES - PINEAPPLE | DATE ISSUED 10/30/2022



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

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

TOTAL THC: 4.590 mg/unit Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

TOTAL CBD: 24.804 mg/unit Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 32.41 mg/unit

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

TOTAL CBG: 0.960 mg/unit

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND** 

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 0.888 mg/unit

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: 0.270 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	±0.1542	4.134	0.4134
Δ <sup>9</sup> -THC	0.002/0.014	±0.0420	0.765	0.0765
CBG	0.002 / 0.006	±0.0078	0.160	0.0160
СВС	0.003 / 0.010	±0.0048	0.148	0.0148
$\Delta^8$ -THC	0.01 / 0.02	±0.004	0.08	0.008
CBDV	0.002 / 0.012	±0.0018	0.045	0.0045
CBN	0.001 / 0.007	±0.0010	0.036	0.0036
CBL	0.003 / 0.010	±0.0013	0.034	0.0034
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			5.40 mg/g	0.54%

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

$\Delta^9$ -THC per Unit	4.590 mg/unit
$\Delta^9$ -THC per Serving	4.590 mg/serving
Total THC per Unit	4.590 mg/unit
Total THC per Serving	4.590 mg/serving
CBD per Unit	24.804 mg/unit
CBD per Serving	24.804 mg/serving
Total CBD per Unit	24.804 mg/unit
Total CBD per Serving	24.804 mg/serving
Sum of Cannabinoids per Unit	32.40 mg/unit
Sum of Cannabinoids per Serving	32.40 mg/serving
Total Cannabinoids per Unit	32.41 mg/unit
Total Cannabinoids per Serving	32.41 mg/serving