

## **Hemp Quality Assurance Testing**

### **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 12/21/2022** 

#### SAMPLE NAME: Full Spectrum 1000mg

Infused, Liquid Edible

**CULTIVATOR / MANUFACTURER** 

**Business Name:** License Number: Address:

SAMPLE DETAIL

Batch Number: DEC1322-1 Sample ID: 221216M044

**DISTRIBUTOR / TESTED FOR** 

Business Name: ProGro LLC License Number: 42-001061 Address: 817 Route 97 Waterford PA 16441

Date Collected: 12/16/2022 Date Received: 12/16/2022

Batch Size:

Sample Size: 30.0 units

Unit Mass: 30 milliliters per Unit Serving Size: 1 milliliters per Serving







Scan QR code to verify authenticity of results.

#### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 67.890 mg/unit

Total CBD: 1134.900 mg/unit

Total Cannabinoids: 1269.18 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 =  $\Delta^9$ -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + Sum of Cannabinoids: 1269.30 mg/unit 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\*CBDVa) +  $\Delta$ <sup>8</sup>-THC + CBL + CBN

Density: 0.9268 g/mL

#### **SAFETY ANALYSIS - SUMMARY**

 $\Delta^9$ -THC per Unit:  $\bigcirc$  PASS

 $\Delta^9$ -THC per Serving:  $\bigcirc$  PASS

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: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

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: Carmen Stackhouse Job Title: Senior Laboratory Analyst Date: 12/21/2022

Approved by: Josh Wurze Title: Président Date: 12/21/2022

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: 67.890 mg/unit

Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

TOTAL CBD: 1134.900 mg/unit

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 1269.18 mg/unit

 $\begin{array}{l} Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + \\ (Total \ CBG) + (Total \ THCV) + (Total \ CBC) + \\ (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{array}$ 

TOTAL CBG: 18.540 mg/unit

Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 27.480 mg/unit

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: 10.860 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

#### **CANNABINOID TEST RESULTS - 12/21/2022**

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±1.4111	37.830	4.0818
Δ <sup>9</sup> -THC	0.002/0.014	±0.1242	2.263	0.2442
СВС	0.003 / 0.010	±0.0295	0.916	0.0988
CBG	0.002 / 0.006	±0.0300	0.618	0.0667
CBDV	0.002/0.012	±0.0148	0.362	0.0391
$\Delta^8$ -THC	0.01 / 0.02	±0.011	0.22	0.024
CBN	0.001 / 0.007	±0.0028	0.097	0.0105
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
CBL	0.003/0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			42.31 mg/mL	4.565%

#### Unit Mass: 30 milliliters per Unit / Serving Size: 1 milliliters per Serving

$\Delta^9$ -THC per Unit	110 per-package limit	67.890 mg/unit	PASS
$\Delta^9$ -THC per Serving		2.263 mg/serving	PASS
Total THC per Unit		67.890 mg/unit	
Total THC per Serving		2.263 mg/serving	
CBD per Unit		1134.900 mg/unit	
CBD per Serving		37.830 mg/serving	
Total CBD per Unit		1134.900 mg/unit	
Total CBD per Serving		37.830 mg/serving	
Sum of Cannabinoids per Unit		1269.30 mg/unit	
Sum of Cannabinoids per Serving		42.31 mg/serving	
Total Cannabinoids per Unit		1269.18 mg/unit	
Total Cannabinoids per Serving		42.31 mg/serving	

#### **DENSITY TEST RESULT**

0.9268 g/mL

Tested 12/21/2022

Method: QSP 7870 - Sample

Preparation