

# **Hemp Quality Assurance Testing**

# **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 10/18/2022** 

#### SAMPLE NAME: Freeze Roll On 1500mg

Infused, Hemp Topical

**CULTIVATOR / MANUFACTURER** 

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

SAMPLE DETAIL

Batch Number: C-686-8-22-1 Sample ID: 221010N008

**DISTRIBUTOR / TESTED FOR** 

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

Date Collected: 10/10/2022 Date Received: 10/10/2022

Batch Size:

Sample Size: 1.0 units Unit Mass: 90 grams per Unit Serving Size: 90 grams per Serving





Scan QR code to verify authenticity of results.

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

**Total THC: Not Detected** 

Total CBD: 1698.840 mg/unit

Total Cannabinoids: 1698.840 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: 1698.840 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) + Δ<sup>8</sup>-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 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)



FREEZE ROLL ON 1500MG | DATE ISSUED 10/18/2022





# 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: Not Detected** Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

TOTAL CBD: 1698.840 mg/unit

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 1698.840 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: ND** 

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND** 

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: ND
Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: <LOQ

Total CBDV (CBDV+0.877\*CBDVa)

### **CANNABINOID TEST RESULTS - 10/13/2022**

	COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
- it -	CBD	0.080 / 0.220	±0.7041	18.876	1.8876
	CBDV	0.040 / 0.240	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
	∆ <sup>9</sup> -THC	0.040 / 0.280	N/A	ND	ND
	Δ <sup>8</sup> -THC	0.20 / 0.40	N/A	ND	ND
	THCa	0.020 / 0.100	N/A	ND	ND
	THCV	0.040 / 0.240	N/A	ND	ND
	THCVa	0.040 / 0.380	N/A	ND	ND
	CBDa	0.020 / 0.520	N/A	ND	ND
	CBDVa	0.020 / 0.360	N/A	ND	ND
	CBG	0.040 / 0.120	N/A	ND	ND
	CBGa	0.040 / 0.140	N/A	ND	ND
	CBL	0.060 / 0.200	N/A	ND	ND
	CBN	0.020 / 0.140	N/A	ND	ND
	СВС	0.060 / 0.200	N/A	ND	ND
	CBCa	0.020 / 0.300	N/A	ND	ND
	SUM OF CANNA	BINOIDS		18.876 mg/g	1.8876%

## Unit Mass: 90 grams per Unit / Serving Size: 90 grams per Serving

$\Delta^9$ -THC per Unit	ND	
$\Delta^9$ -THC per Serving	ND	
Total THC per Unit	ND	
Total THC per Serving	ND	
CBD per Unit	1698.840 mg/unit	
CBD per Serving	1698.840 mg/serving	
Total CBD per Unit	1698.840 mg/unit	
Total CBD per Serving	1698.840 mg/serving	
Sum of Cannabinoids per Unit	1698.840 mg/unit	
Sum of Cannabinoids per Serving	1698.840 mg/serving	
Total Cannabinoids per Unit	1698.840 mg/unit	
Total Cannabinoids per Serving	1698.840 mg/serving	

## **NOTES**

CoA Amended Update: Order Details-Dilution