

**SAMPLE NAME: FS 1000 CF**

Infused, Hemp Infused

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** ProGro LLC

**License Number:** 42-001061

**Address:** 817 Route 97  
Waterford PA 16441

**SAMPLE DETAIL**
**Batch Number:** SEP2922-1

**Sample ID:** 221003R003

**Date Collected:** 10/03/2022

**Date Received:** 10/03/2022

**Batch Size:**
**Sample Size:** 1.0 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:** 47.400 mg/unit

**Total CBD:** 1182.840 mg/unit

**Sum of Cannabinoids:** 1268.10 mg/unit

**Total Cannabinoids:** 1268.04 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:

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

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

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

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

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$


$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
**Density:** 0.927 g/mL

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)



 LGC verified by: Yasmin Kakkar  
Date: 10/06/2022



 Approved by: Josh Wurzer, President  
Date: 10/06/2022




## 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: 47.400 mg/unit

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

### TOTAL CBD: 1182.840 mg/unit

Total CBD (CBD+0.877\*CBDA)

### TOTAL CANNABINOIDS: 1268.04 mg/unit

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

### TOTAL CBG: ND

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 19.920 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 11.430 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 10/06/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±1.4707	39.428	4.2533
$\Delta^9$ -THC	0.002 / 0.014	±0.0867	1.580	0.1704
CBC	0.003 / 0.010	±0.0214	0.664	0.0716
CBDV	0.002 / 0.012	±0.0155	0.381	0.0411
$\Delta^8$ -THC	0.01 / 0.02	±0.007	0.14	0.015
CBN	0.001 / 0.007	±0.0022	0.075	0.0081
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
CBG	0.002 / 0.006	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
<b>SUM OF CANNABINOIDS</b>			<b>42.27 mg/mL</b>	<b>4.56%</b>

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

$\Delta^9$ -THC per Unit	47.400 mg/unit
$\Delta^9$ -THC per Serving	1.580 mg/serving
Total THC per Unit	47.400 mg/unit
Total THC per Serving	1.580 mg/serving
CBD per Unit	1182.840 mg/unit
CBD per Serving	39.428 mg/serving
Total CBD per Unit	1182.840 mg/unit
Total CBD per Serving	39.428 mg/serving
Sum of Cannabinoids per Unit	1268.10 mg/unit
Sum of Cannabinoids per Serving	42.27 mg/serving
Total Cannabinoids per Unit	1268.04 mg/unit
Total Cannabinoids per Serving	42.27 mg/serving

## DENSITY TEST RESULT

0.927 g/mL

Tested 10/06/2022

**Method:** QSP 7870 - Sample Preparation