

**SAMPLE NAME: FS 1000mg CF**

Infused, Hemp

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR / TESTED FOR**

**Business Name:** Formulated CBD

**License Number:**

**Address:**

**SAMPLE DETAIL**

**Batch Number:** Nov1221-1

**Sample ID:** 211116P019

**Date Collected:** 11/16/2021

**Date Received:** 11/16/2021

**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: 44.040 mg/unit**

**Total CBD: 1162.410 mg/unit**

**Sum of Cannabinoids: 1242.90 mg/unit**

**Total Cannabinoids: 1242.78 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 =  $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$   
 Total CBD =  $\text{CBD} + (\text{CBDa} \cdot 0.877)$   
 Sum of Cannabinoids =  $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$   
 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: 0.9255 g/mL**


For quality assurance purposes. Not a Pre-Harvest 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 16 Effect Date January 16, 2019. Authority: Section 26013, 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.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

  
 QC verified by: Kevin Flores  
 Date: 11/18/2021

  
 Approved by: Josh Wurzer, President  
 Date: 11/18/2021



## 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: 44.040 mg/unit**

Total THC ( $\Delta 9\text{THC} + 0.877 * \text{THCa}$ )

**TOTAL CBD: 1162.410 mg/unit**

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

**TOTAL CANNABINOIDS: 1242.78 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta 8\text{THC}$  + CBL + CBN

**TOTAL CBG: ND**

Total CBG ( $\text{CBG} + 0.877 * \text{CBGa}$ )

**TOTAL THCV: 2.970 mg/unit**

Total THCV ( $\text{THCV} + 0.877 * \text{THCVa}$ )

**TOTAL CBC: 15.420 mg/unit**

Total CBC ( $\text{CBC} + 0.877 * \text{CBCa}$ )

**TOTAL CBDV: 17.040 mg/unit**

Total CBDV ( $\text{CBDV} + 0.877 * \text{CBDVa}$ )

### CANNABINOID TEST RESULTS - 11/18/2021

| COMPOUND                   | LOD/LOQ (mg/mL) | MEASUREMENT UNCERTAINTY (mg/mL) | RESULT (mg/mL)     | RESULT (%)    |
|----------------------------|-----------------|---------------------------------|--------------------|---------------|
| CBD                        | 0.004 / 0.011   | $\pm 1.8560$                    | 38.747             | 4.1866        |
| $\Delta 9\text{THC}$       | 0.002 / 0.014   | $\pm 0.1035$                    | 1.468              | 0.1586        |
| CBDV                       | 0.002 / 0.012   | $\pm 0.0298$                    | 0.568              | 0.0614        |
| CBC                        | 0.003 / 0.010   | $\pm 0.0213$                    | 0.514              | 0.0555        |
| THCV                       | 0.002 / 0.012   | $\pm 0.0062$                    | 0.099              | 0.0107        |
| $\Delta 8\text{THC}$       | 0.01 / 0.02     | $\pm 0.002$                     | 0.03               | 0.003         |
| THCa                       | 0.001 / 0.005   | 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            |
| CBN                        | 0.001 / 0.007   | N/A                             | ND                 | ND            |
| CBCa                       | 0.001 / 0.015   | N/A                             | ND                 | ND            |
| <b>SUM OF CANNABINOIDS</b> |                 |                                 | <b>41.43 mg/mL</b> | <b>4.476%</b> |

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

|                                  |                   |
|----------------------------------|-------------------|
| $\Delta 9\text{THC}$ per Unit    | 44.040 mg/unit    |
| $\Delta 9\text{THC}$ per Serving | 1.468 mg/serving  |
| Total THC per Unit               | 44.040 mg/unit    |
| Total THC per Serving            | 1.468 mg/serving  |
| CBD per Unit                     | 1162.410 mg/unit  |
| CBD per Serving                  | 38.747 mg/serving |
| Total CBD per Unit               | 1162.410 mg/unit  |
| Total CBD per Serving            | 38.747 mg/serving |
| Sum of Cannabinoids per Unit     | 1242.90 mg/unit   |
| Sum of Cannabinoids per Serving  | 41.43 mg/serving  |
| Total Cannabinoids per Unit      | 1242.78 mg/unit   |
| Total Cannabinoids per Serving   | 41.43 mg/serving  |

### DENSITY TEST RESULT

0.9255 g/mL

Tested 11/18/2021

Method: QSP 7870 - Sample Preparation

