

**SAMPLE NAME: Full Spectrum 1000 Citrus Fresh oil**

Infused, Hemp Infused

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR / TESTED FOR**

**Business Name:** Farmulated CBD

**License Number:**

**Address:**



**SAMPLE DETAIL**

**Batch Number:** Jul2821-1

**Sample ID:** 210729V007

**Date Collected:** 07/29/2021

**Date Received:** 07/29/2021

**Batch Size:**

**Sample Size:** 1.0 units

**Unit Mass:** 27.774 grams per Unit

**Serving Size:** 0.9258 grams per Serving



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC: 52.104 mg/unit**

**Total CBD: 1099.489 mg/unit**

**Sum of Cannabinoids: 1203.753 mg/unit**

**Total Cannabinoids: 1203.750 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: 0.9258 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:** Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states. Action limits for required tests are either state-specific, or the lower of any conflicting state regulations based upon the panel requested.

**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)

*Carmen Stackhouse* *Josh Wurzer*  
 LQC verified by: Carmen Stackhouse Date: 08/01/2021  
 Approved by: Josh Wurzer, President Date: 08/01/2021



## 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: 52.104 mg/unit**

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

**TOTAL CBD: 1099.489 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 1203.750 mg/unit**

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

**TOTAL CBG: 12.526 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: 3.777 mg/unit**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 19.692 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 14.165 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 08/01/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	$\pm 1.8962$	39.587	3.9587
$\Delta 9$ THC	0.002 / 0.014	$\pm 0.1323$	1.876	0.1876
CBC	0.003 / 0.010	$\pm 0.0294$	0.709	0.0709
CBDV	0.002 / 0.012	$\pm 0.0267$	0.510	0.0510
CBG	0.002 / 0.006	$\pm 0.0281$	0.451	0.0451
THCV	0.002 / 0.012	$\pm 0.0086$	0.136	0.0136
CBL	0.003 / 0.010	$\pm 0.0020$	0.042	0.0042
$\Delta 8$ THC	0.01 / 0.02	$\pm 0.002$	0.03	0.003
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
CBN	0.001 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>43.341 mg/g</b>	<b>4.3341%</b>

Unit Mass: 27.774 grams per Unit / Serving Size: 0.9258 grams per Serving

$\Delta 9$ THC per Unit	52.104 mg/unit
$\Delta 9$ THC per Serving	1.737 mg/serving
Total THC per Unit	52.104 mg/unit
Total THC per Serving	1.737 mg/serving
CBD per Unit	1099.489 mg/unit
CBD per Serving	36.650 mg/serving
Total CBD per Unit	1099.489 mg/unit
Total CBD per Serving	36.650 mg/serving
Sum of Cannabinoids per Unit	1203.753 mg/unit
Sum of Cannabinoids per Serving	40.125 mg/serving
Total Cannabinoids per Unit	1203.750 mg/unit
Total Cannabinoids per Serving	40.128 mg/serving

### DENSITY TEST RESULT

0.9258 g/mL

Tested 08/01/2021

Method: QSP 7870 - Sample Preparation

