

SAMPLE NAME: FTH 1500mg Peppermint CBD Tincture (30ml)

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Frogtown Hemp

License Number:
Address:
Dahlonega, GA

SAMPLE DETAIL
Batch Number: PR.230214

Sample ID: 230216R016

Date Collected: 02/16/2023

Date Received: 02/16/2023

Batch Size:
Sample Size: 1.0 units

Unit Mass: 30 grams per Unit

Serving Size: 1 grams per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 12.8970 mg/unit

Total CBD: 1744.5780 mg/unit

Sum of Cannabinoids: 1785.2040 mg/unit

Total Cannabinoids: 1785.0720 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: 0.9486 g/mL


SAFETY ANALYSIS - SUMMARY
 $\Delta^9\text{-THC}$ per Unit: ✔ PASS
 $\Delta^9\text{-THC}$ per Serving: ✔ 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.

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



Approved by: Josh Wurzer
Job Title: President
Date: 03/07/2023



Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

†Analytes not part of our ISO/IEC 17025 scope of accreditation.

Method: LA-SOP-101 Cannabinoid Analysis by HPLC-DAD

TOTAL THC: 12.8970 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1744.5780 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1785.0720 mg/unit

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

TOTAL CBG: 9.8040 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 2.3850 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 12.4230 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/21/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.0010 / 0.0034	±0.66839	58.1213	5.81213
Δ^9 -THC	0.0016 / 0.0054	±0.00494	0.4299	0.04299
CBDV	0.0013 / 0.0044	±0.00373	0.4141	0.04141
CBG	0.0008 / 0.0027	±0.00533	0.3268	0.03268
CBN	0.0004 / 0.0015	±0.00079	0.0995	0.00995
CBC	0.0007 / 0.0023	±0.00067	0.0795	0.00795
CBDA	0.0005 / 0.0018	±0.00029	0.0357	0.00357
Δ^8 -THC	0.0011 / 0.0036	N/A	ND	ND
THCa	0.0003 / 0.0011	N/A	ND	ND
THCV	0.0006 / 0.0019	N/A	ND	ND
THCVa	0.0006 / 0.0021	N/A	ND	ND
CBDVa	0.0004 / 0.0014	N/A	ND	ND
CBGa	0.0005 / 0.0018	N/A	ND	ND
CBL†	0.0010 / 0.0034	N/A	ND	ND
CBCa	0.0011 / 0.0035	N/A	ND	ND
SUM OF CANNABINOIDS			59.5068 mg/g	5.95068%

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

Δ^9 -THC per Unit	110 per-package limit	12.8970 mg/unit	PASS
Δ^9 -THC per Serving		0.4299 mg/serving	PASS
Total THC per Unit		12.8970 mg/unit	
Total THC per Serving		0.4299 mg/serving	
CBD per Unit		1743.6390 mg/unit	
CBD per Serving		58.1213 mg/serving	
Total CBD per Unit		1744.5780 mg/unit	
Total CBD per Serving		58.1526 mg/serving	
Sum of Cannabinoids per Unit		1785.2040 mg/unit	
Sum of Cannabinoids per Serving		59.5068 mg/serving	
Total Cannabinoids per Unit		1785.0720 mg/unit	
Total Cannabinoids per Serving		59.5024 mg/serving	

DENSITY TEST RESULT

0.9486 g/mL

Tested 02/21/2023

Method: LA-SOP-100 Potency Sample Prep

NOTES

CoA Amended Update: Order Details