

SAMPLE NAME: 45mg THC Tincture - Unflavored

Infused, Hemp

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Simply Crafted

License Number:
Address:
SAMPLE DETAIL
Batch Number:
Sample ID: 240216N012

Date Collected: 02/16/2024

Date Received: 02/16/2024

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: 43.410 mg/unit
Total CBD: 0.540 mg/unit
Sum of Cannabinoids: 45.750 mg/unit
Total Cannabinoids: 45.750 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 = $\Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$

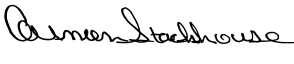
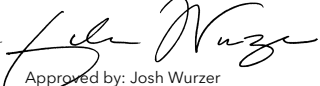
Total CBD = $\text{CBD} + (\text{CBDa} \cdot 0.877)$

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: 0.9457 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.



 LQC verified by: Carmen Stackhouse
 Job Title: Senior Laboratory Analyst
 Date: 02/19/2024
 Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 02/19/2024

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



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: 43.410 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 0.540 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 45.750 mg/unit

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

TOTAL CBG: 1.170 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: <LOQ

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.330 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/19/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
Δ^9 -THC	0.002 / 0.014	± 0.0794	1.447	0.1530
CBG	0.002 / 0.006	± 0.0019	0.039	0.0041
CBD	0.004 / 0.011	± 0.0007	0.018	0.0019
CBC	0.003 / 0.010	± 0.0004	0.011	0.0012
CBN	0.001 / 0.007	± 0.0003	0.010	0.0011
THCV	0.002 / 0.012	N/A	<LOQ	<LOQ
Δ^8 -THC	0.01 / 0.02	N/A	ND	ND
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
CBDV	0.002 / 0.012	N/A	ND	ND
CBDVa	0.001 / 0.018	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
SUM OF CANNABINOIDS			1.525 mg/mL	0.1613%

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

Δ^9 -THC per Unit	43.410 mg/unit
Δ^9 -THC per Serving	1.447 mg/serving
Total THC per Unit	43.410 mg/unit
Total THC per Serving	1.447 mg/serving
CBD per Unit	0.540 mg/unit
CBD per Serving	0.018 mg/serving
Total CBD per Unit	0.540 mg/unit
Total CBD per Serving	0.018 mg/serving
Sum of Cannabinoids per Unit	45.750 mg/unit
Sum of Cannabinoids per Serving	1.525 mg/serving
Total Cannabinoids per Unit	45.750 mg/unit
Total Cannabinoids per Serving	1.525 mg/serving

DENSITY TEST RESULT

0.9457 g/mL

Tested 02/19/2024

Method: QSP 7870 - Sample Preparation