

SAMPLE NAME: A00000177

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: New York Hemp Oil

License Number:
Address:

SAMPLE DETAIL
Batch Number:
Sample ID: 221202T003

Date Collected: 12/02/2022

Date Received: 12/02/2022

Batch Size:
Sample Size: 1.0 units

Unit Mass: 29.5735 milliliters per Unit

Serving Size:


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 51.133 mg/unit

Total CBD: 1360.972 mg/unit

Sum of Cannabinoids: 1479.089 mg/unit

Total Cannabinoids: 1479.089 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: 0.9507 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.

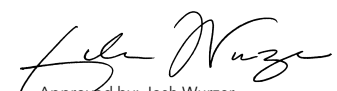
Sample Certification: Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states except Alaska. Action limits for required tests are the lower of any conflicting state regulations.

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)



LQC verified by: Josh Antunovich
Job Title: Laboratory Manager
Date: 12/12/2022



Approved by: Josh Wurzer
Job Title: President
Date: 12/12/2022




Cannabinoïd Analysis

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

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 51.133 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1360.972 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1479.089 mg/unit

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

TOTAL CBG: 27.267 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 30.668 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 5.737 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 12/10/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±1.7165	46.020	4.8406
Δ^9 -THC	0.002 / 0.014	±0.0949	1.729	0.1819
CBC	0.003 / 0.010	±0.0334	1.037	0.1091
CBG	0.002 / 0.006	±0.0447	0.922	0.0970
CBDV	0.002 / 0.012	±0.0079	0.194	0.0204
CBN	0.001 / 0.007	±0.0020	0.070	0.0074
CBL	0.003 / 0.010	±0.0015	0.042	0.0044
Δ^8 -THC	0.01 / 0.02	N/A	ND	ND
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
CBGa	0.002 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			50.014 mg/mL	5.2608%

Unit Mass: 29.5735 milliliters per Unit

Δ^9 -THC per Unit	51.133 mg/unit
Total THC per Unit	51.133 mg/unit
CBD per Unit	1360.972 mg/unit
Total CBD per Unit	1360.972 mg/unit
Sum of Cannabinoids per Unit	1479.089 mg/unit
Total Cannabinoids per Unit	1479.089 mg/unit

DENSITY TEST RESULT

0.9507 g/mL

Tested 12/10/2022

Method: QSP 7870 - Sample Preparation

NOTES

COA amended, update to results.