

**SAMPLE NAME: A00000088**

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:** Unscented

**Sample ID:** 211015T008

**Date Collected:** 10/15/2021

**Date Received:** 10/15/2021

**Batch Size:**

**Sample Size:** 1.0 units

**Unit Mass:**

**Serving Size:**



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 0.348 mg/mL

**Total CBD:** 11.129 mg/mL

**Sum of Cannabinoids:** 12.000 mg/mL

**Total Cannabinoids:** 12.000 mg/mL

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:** 0.9824 g/mL

**SAFETY ANALYSIS - SUMMARY**

**Microbiology (PCR):**  **PASS**

**Microbiology (Plating):**  **PASS**

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), too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

  
 LQC verified by: Kelsey Cochran  
 Date: 10/19/2021

  
 Approved by: Josh Wurzer, President  
 Date: 10/19/2021



## 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: 0.348 mg/mL**

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

**TOTAL CBD: 11.129 mg/mL**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 12.000 mg/mL**

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

**TOTAL CBG: 0.160 mg/mL**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 0.253 mg/mL**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 0.080 mg/mL**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 10/16/2021

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT mg/mL	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±0.5331	11.129	1.1328
$\Delta 9$ THC	0.002 / 0.014	±0.0245	0.348	0.0354
CBC	0.003 / 0.010	±0.0105	0.253	0.0258
CBG	0.002 / 0.006	±0.0100	0.160	0.0163
CBDV	0.002 / 0.012	±0.0042	0.080	0.0081
CBL	0.003 / 0.010	±0.0009	0.018	0.0018
CBN	0.001 / 0.007	±0.0004	0.012	0.0012
THCa	0.001 / 0.005	N/A	ND	ND
$\Delta 8$ THC	0.01 / 0.02	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
<b>SUM OF CANNABINOIDS</b>			<b>12.000 mg/mL</b>	<b>1.2215%</b>

### DENSITY TEST RESULT

0.9824 g/mL

Tested 10/16/2021

Method: QSP 7870 - Sample Preparation



 **Microbiology Analysis**

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

**Method:** QSP 1221 - Analysis of Microbiological Contaminants

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

**Method:** QSP 6794 - Plating with 3M™ Petrifilm™

**MICROBIOLOGY TEST RESULTS (PCR) - 10/19/2021** ✔ PASS

COMPOUND	ACTION LIMIT (cfu/g)	RESULT (cfu/g)	RESULT
Shiga toxin-producing <i>Escherichia coli</i>	Not Detected in 1g	ND	PASS
<i>Salmonella</i> spp.	Not Detected in 1g	ND	PASS
Bile-Tolerant Gram-Negative Bacteria	100	ND	PASS
<i>Staphylococcus aureus</i>	Not Detected in 1g	ND	PASS

**MICROBIOLOGY TEST RESULTS (PLATING) - 10/19/2021** ✔ PASS

COMPOUND	ACTION LIMIT (cfu/g)	RESULT (cfu/g)	RESULT
Total Aerobic Bacteria	100	ND	PASS
Total Yeast and Mold	10	ND	PASS

