

**SAMPLE NAME: A00000167**

Infused, Hemp

**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:** 221011S003

**Date Collected:** 10/11/2022

**Date Received:** 10/11/2022

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:** 183 grams per Unit

**Serving Size:** 6.1 grams per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 10.065 mg/unit

**Total CBD:** 310.185 mg/unit

**Sum of Cannabinoids:** 335.439 mg/unit

**Total Cannabinoids:** 335.439 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 =  $\Delta^9$ -THC + (THCa (0.877))  
 Total CBD = CBD + (CBDa (0.877))  
 Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBN  
 Total Cannabinoids = ( $\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) + (CBDV+0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + CBN

**SAFETY ANALYSIS - SUMMARY**
**Microbiology (PCR):** ND

**Microbiology (Plating):** ND

**Water Activity:** DETECTED

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

*Callie Stone*  
 LQC verified by: Callie Stone  
 Date: 10/16/2022

*Josh Wurzer*  
 Approved by: Josh Wurzer, President  
 Date: 10/16/2022



## 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: 10.065 mg/unit

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

### TOTAL CBD: 310.185 mg/unit

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 335.439 mg/unit

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

### TOTAL CBG: 6.405 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 8.784 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: <LOQ

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 10/15/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.0632	1.695	0.1695
$\Delta^9$ -THC	0.002 / 0.014	±0.0030	0.055	0.0055
CBC	0.003 / 0.010	±0.0015	0.048	0.0048
CBG	0.002 / 0.006	±0.0017	0.035	0.0035
CBDV	0.002 / 0.012	N/A	<LOQ	<LOQ
$\Delta^8$ -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
CBL	0.003 / 0.010	N/A	ND	ND
CBN	0.001 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>1.833 mg/g</b>	<b>0.1833%</b>

## Unit Mass: 183 grams per Unit / Serving Size: 6.1 grams per Serving

$\Delta^9$ -THC per Unit	10.065 mg/unit
$\Delta^9$ -THC per Serving	0.336 mg/serving
Total THC per Unit	10.065 mg/unit
Total THC per Serving	0.336 mg/serving
CBD per Unit	310.185 mg/unit
CBD per Serving	10.340 mg/serving
Total CBD per Unit	310.185 mg/unit
Total CBD per Serving	10.340 mg/serving
Sum of Cannabinoids per Unit	335.439 mg/unit
Sum of Cannabinoids per Serving	11.181 mg/serving
Total Cannabinoids per Unit	335.439 mg/unit
Total Cannabinoids per Serving	11.183 mg/serving



## 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

### MICROBIOLOGY TEST RESULTS (PCR) - 10/16/2022 ND

COMPOUND	RESULT (cfu/g)
Shiga toxin-producing <i>Escherichia coli</i>	ND
<i>Salmonella</i> spp.	ND
Bile-Tolerant Gram-Negative Bacteria	ND
<i>Staphylococcus aureus</i>	ND

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

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

### MICROBIOLOGY TEST RESULTS (PLATING) - 10/16/2022 ND

COMPOUND	RESULT (cfu/g)
Total Aerobic Bacteria	ND
Total Yeast and Mold	ND



## Water Activity Analysis

**Method:** QSP 1227 - Analysis of Water Activity in Cannabis and Cannabis Products

### WATER ACTIVITY TEST RESULTS - 10/13/2022 DETECTED

COMPOUND	MEASUREMENT UNCERTAINTY (Aw)	RESULT (Aw)
Water Activity	±0.02649	0.5439