

**SAMPLE NAME: A00000190**

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:** 230511N001**Date Collected:** 05/11/2023**Date Received:** 05/11/2023**Batch Size:****Sample Size:** 1.0 units**Unit Mass:** 30 milliliters per Unit**Serving Size:** 1 milliliters per ServingScan QR code to verify  
authenticity of results.**CANNABINOID ANALYSIS - SUMMARY****Total THC:** 10.950 mg/unit**Total CBD:** 321.420 mg/unit**Sum of Cannabinoids:** 343.590 mg/unit**Total Cannabinoids:** 343.590 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 + CBNTotal 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**Density:** 0.9402 g/mL**SAFETY ANALYSIS - SUMMARY****Microbiology (PCR):** ND**Microbiology (Plating):** ND

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)

  
LQC verified by: Kelsey Cochran  
Job Title: Laboratory Technician I  
Date: 05/16/2023

  
Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 05/16/2023





## 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: 10.950 mg/unit**

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

**TOTAL CBD: 321.420 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 343.590 mg/unit**

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

**TOTAL CBG: ND**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 8.160 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 2.460 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 05/13/2023

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	$\pm 0.3996$	10.714	1.1395
$\Delta^9$ -THC	0.002 / 0.014	$\pm 0.0200$	0.365	0.0388
CBC	0.003 / 0.010	$\pm 0.0088$	0.272	0.0289
CBDV	0.002 / 0.012	$\pm 0.0033$	0.082	0.0087
CBL	0.003 / 0.010	$\pm 0.0007$	0.020	0.0021
$\Delta^8$ -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
CBG	0.002 / 0.006	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBN	0.001 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			11.453 mg/mL	1.2181%

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

$\Delta^9$ -THC per Unit	10.950 mg/unit
$\Delta^9$ -THC per Serving	0.365 mg/serving
Total THC per Unit	10.950 mg/unit
Total THC per Serving	0.365 mg/serving
CBD per Unit	321.420 mg/unit
CBD per Serving	10.714 mg/serving
Total CBD per Unit	321.420 mg/unit
Total CBD per Serving	10.714 mg/serving
Sum of Cannabinoids per Unit	343.590 mg/unit
Sum of Cannabinoids per Serving	11.453 mg/serving
Total Cannabinoids per Unit	343.590 mg/unit
Total Cannabinoids per Serving	11.453 mg/serving

## DENSITY TEST RESULT

0.9402 g/mL

Tested 05/13/2023

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

### MICROBIOLOGY TEST RESULTS (PCR) - 05/16/2023 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) - 05/16/2023 ND

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