SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 11/08/2022

SAMPLE NAME: A00000172
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: 221103R018

Date Collected: 11/03/2022
Date Received: 11/03/2022
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: 74.970 mg/unit

Total CBD: 2207.730 mg/unit

Sum of Cannabinoids: 2362.950 mg/unit

Total Cannabinoids: 2362.950 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 = Δ^9-THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN
Total Cannabinoids = (Δ^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) + Δ^8-THC + CBL + CBN

Density: 0.9532 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: Ryan Debiase
Job Title: Laboratory Assistant
Date: 11/08/2022

Approved by: Josh Wurzer
Job Title: President
Date: 11/08/2022

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: 74.970 mg/unit
Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 2207.730 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 2362.950 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: 28.020 mg/unit
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 34.530 mg/unit
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 15.480 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 11/04/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	*0.004 / 0.011*	*±2.7449*	73.591	7.7204
Δ^9-THC	*0.002 / 0.014*	*±0.1372*	2.499	0.2622
CBC	*0.003 / 0.010*	*±0.0371*	1.151	0.1208
CBG	*0.002 / 0.006*	*±0.0453*	0.934	0.0980
CBDV	*0.002 / 0.012*	*±0.0211*	0.516	0.0541
CBL	*0.003 / 0.010*	*±0.0014*	0.037	0.0039
CBN	*0.001 / 0.007*	*±0.0011*	0.037	0.0039
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			78.765 mg/mL	8.2632%

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

Δ^9-THC per Unit	74.970 mg/unit
Δ^9-THC per Serving	2.499 mg/serving
Total THC per Unit	74.970 mg/unit
Total THC per Serving	2.499 mg/serving
CBD per Unit	2207.730 mg/unit
CBD per Serving	73.591 mg/serving
Total CBD per Unit	2207.730 mg/unit
Total CBD per Serving	73.591 mg/serving
Sum of Cannabinoids per Unit	2362.950 mg/unit
Sum of Cannabinoids per Serving	78.765 mg/serving
Total Cannabinoids per Unit	2362.950 mg/unit
Total Cannabinoids per Serving	78.765 mg/serving

DENSITY TEST RESULT

0.9532 g/mL

Tested 11/04/2022

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) - 11/08/2022 **ND**

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

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

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

MICROBIOLOGY TEST RESULTS (PLATING) - 11/08/2022 **ND**

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