Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 06/25/2022

SAMPLE NAME: A00000149

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: 220624K001

Date Collected: 06/24/2022
Date Received: 06/24/2022
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: 22.110 mg/unit

Total CBD: 670.050 mg/unit

Sum of Cannabinoids: 733.530 mg/unit

Total Cannabinoids: 733.530 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: 0.9486 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: California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, 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)

LQC verified by: Michael Pham
Date: 06/25/2022

Approved by: Josh Wurzer, President
Date: 06/25/2022

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: 22.110 mg/unit

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 670.050 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 733.530 mg/unit

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

TOTAL CBG: 12.510 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 23.580 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 3.960 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 06/25/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	*0.004 / 0.011*	*±0.8331*	22.335	2.3545
CBC	*0.003 / 0.010*	*±0.0253*	0.786	0.0829
Δ^9-THC	*0.002 / 0.014*	*±0.0405*	0.737	0.0777
CBG	*0.002 / 0.006*	*±0.0202*	0.417	0.0440
CBDV	*0.002 / 0.012*	*±0.0054*	0.132	0.0139
CBN	*0.001 / 0.007*	*±0.0007*	0.026	0.0027
CBL	*0.003 / 0.010*	*±0.0007*	0.018	0.0019
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			24.451 mg/mL	2.5776%

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

Δ^9-THC per Unit	22.110 mg/unit
Δ^9-THC per Serving	0.737 mg/serving
Total THC per Unit	22.110 mg/unit
Total THC per Serving	0.737 mg/serving
CBD per Unit	670.050 mg/unit
CBD per Serving	22.335 mg/serving
Total CBD per Unit	670.050 mg/unit
Total CBD per Serving	22.335 mg/serving
Sum of Cannabinoids per Unit	733.530 mg/unit
Sum of Cannabinoids per Serving	24.451 mg/serving
Total Cannabinoids per Unit	733.530 mg/unit
Total Cannabinoids per Serving	24.451 mg/serving

DENSITY TEST RESULT

0.9486 g/mL

Tested 06/25/2022

Method: QSP 7870 - Sample Preparation