SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 05/10/2025

SAMPLE DETAILS

SAMPLE NAME: 0016WP
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: 250505L016

Date Collected: 05/05/2025
Date Received: 05/05/2025
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: 48.540 mg/unit

Total CBD: 1314.840 mg/unit

Sum of Cannabinoids: 1474.350 mg/unit

Total Cannabinoids: 1474.350 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: 0.9521 g/mL

SAFETY ANALYSIS - SUMMARY

Pesticides: ND

Residual Solvents: ND

Heavy Metals: ND

Microbiology (PCR): ND

LQC verified by: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 05/10/2025

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 05/10/2025

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), µg/g = ppm, µg/kg = ppb

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: 48.540 mg/unit

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 1314.840 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1474.350 mg/unit

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

TOTAL CBG: 42.360 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 53.640 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 10.470 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/07/2025

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	*0.004 / 0.011*	*±1.6348*	43.828	4.6033
CBC	*0.003 / 0.010*	*±0.0576*	1.788	0.1878
Δ^9-THC	*0.040 / 0.280*	*±0.0888*	1.618	0.1699
CBG	*0.002 / 0.006*	*±0.0685*	1.412	0.1483
CBDV	*0.002 / 0.012*	*±0.0142*	0.349	0.0367
CBN	*0.001 / 0.007*	*±0.0032*	0.111	0.0117
CBL	*0.003 / 0.010*	*±0.0014*	0.039	0.0041
Δ^8-THC	*0.01 / 0.02*	*N/A*	ND	ND
THCa	*0.020 / 0.100*	*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			49.145 mg/mL	5.1617%

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

Δ^9-THC per Unit	48.540 mg/unit
Δ^9-THC per Serving	1.618 mg/serving
Total THC per Unit	48.540 mg/unit
Total THC per Serving	1.618 mg/serving
CBD per Unit	1314.840 mg/unit
CBD per Serving	43.828 mg/serving
Total CBD per Unit	1314.840 mg/unit
Total CBD per Serving	43.828 mg/serving
Sum of Cannabinoids per Unit	1474.350 mg/unit
Sum of Cannabinoids per Serving	49.145 mg/serving
Total Cannabinoids per Unit	1474.350 mg/unit
Total Cannabinoids per Serving	49.145 mg/serving

DENSITY TEST RESULT

0.9521 g/mL

Tested 05/07/2025

Method: QSP 7870 - Sample Preparation

Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 05/10/2025 **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Abamectin	*0.03 / 0.10*	*N/A*	ND
Azoxystrobin	*0.02 / 0.07*	*N/A*	ND
Bifenazate	*0.01 / 0.04*	*N/A*	ND
Bifenthrin	*0.02 / 0.05*	*N/A*	ND
Boscalid	*0.03 / 0.09*	*N/A*	ND
Chlorpyrifos	*0.02 / 0.06*	*N/A*	ND
Cypermethrin	*0.11 / 0.32*	*N/A*	ND
Etoxazole	*0.02 / 0.06*	*N/A*	ND
Hexythiazox	*0.02 / 0.07*	*N/A*	ND
Imidacloprid	*0.04 / 0.11*	*N/A*	ND
Malathion	*0.03 / 0.09*	*N/A*	ND
Myclobutanil	*0.03 / 0.09*	*N/A*	ND
Permethrin	*0.04 / 0.12*	*N/A*	ND
Piperonyl Butoxide	*0.02 / 0.07*	*N/A*	ND
Propiconazole	*0.02 / 0.07*	*N/A*	ND
Spiromesifen	*0.02 / 0.05*	*N/A*	ND
Tebuconazole	*0.02 / 0.07*	*N/A*	ND
Trifloxystrobin	*0.03 / 0.08*	*N/A*	ND

Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

RESIDUAL SOLVENTS TEST RESULTS - 05/07/2025 **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Propane	*10 / 20*	*N/A*	ND
n-Butane	*10 / 50*	*N/A*	ND
n-Pentane	*20 / 50*	*N/A*	ND
n-Hexane	*2 / 5*	*N/A*	ND
n-Heptane	*20 / 60*	*N/A*	ND
Benzene	*0.03 / 0.09*	*N/A*	ND
Toluene	*7 / 21*	*N/A*	ND
Total Xylenes	*50 / 160*	*N/A*	ND
Methanol	*50 / 200*	*N/A*	ND
Ethanol	*20 / 50*	*N/A*	ND
2-Propanol (Isopropyl Alcohol)	*10 / 40*	*N/A*	ND
Acetone	*20 / 50*	*N/A*	ND
Ethyl Ether	*20 / 50*	*N/A*	ND
Ethylene Oxide	*0.3 / 0.8*	*N/A*	ND
Ethyl Acetate	*20 / 60*	*N/A*	ND
Chloroform	*0.1 / 0.2*	*N/A*	ND
Dichloromethane (Methylene Chloride)	*0.3 / 0.9*	*N/A*	ND

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Residual Solvents Analysis
Continued

RESIDUAL SOLVENTS TEST RESULTS - 05/07/2025 *continued* **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Trichloroethylene	*0.1 / 0.3*	*N/A*	ND
1,2-Dichloroethane	*0.05 / 0.1*	*N/A*	ND
Acetonitrile	*2 / 7*	*N/A*	ND

Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 05/08/2025 **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Arsenic	*0.02 / 0.1*	*N/A*	ND
Cadmium	*0.02 / 0.05*	*N/A*	ND
Lead	*0.04 / 0.1*	*N/A*	ND
Mercury	*0.002 / 0.01*	*N/A*	ND

Microbiology Analysis

PCR

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

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 05/08/2025 **ND**

COMPOUND	RESULT
Salmonella spp.	ND
Shiga toxin-producing *Escherichia coli*	ND

NOTES
Sample serving mass provided by client. Sample unit mass provided by client.