



CERTIFICATE OF ANALYSIS

New York Hemp Oil

165 South Main St.
Cortland, NY 13045

(516) 587-0177
Lic. #: OCM-HMPE-21-00003

Sample: 220420TRI001.001

Sample Description: Lot#: NYHO-0147237G3

Batch#: 155668;

Sample Received: 04/19/2022; Report Created: 04/29/2022;

Gas #3 Seal #1403055

Concentrates & Extracts, Other



	ND	ND	ND
	Total THC	Total CBD	Total Cannabinoids
		ND	
		Total CBG	

Cannabinoids

Date Analyzed: 04/22/2022

Complete

Analyte	LOD	LOQ	Result	Result
	%	%	%	mg/g
THCa	0.0001889	0.0006297	ND	ND
Δ9-THC	0.0001889	0.0006297	ND	ND
Δ8-THC	0.0001889	0.0006297	ND	ND
THCVa	0.0001889	0.0006297	ND	ND
THCV	0.0001889	0.0006297	ND	ND
CBDa	0.0001889	0.0006297	ND	ND
CBD	0.0001889	0.0006297	ND	ND
CBDVa	0.0001889	0.0006297	ND	ND
CBDV	0.0001889	0.0006297	ND	ND
CBN	0.0001889	0.0006297	ND	ND
CBGa	0.0001889	0.0006297	ND	ND
CBG	0.0001889	0.0006297	ND	ND
CBCa	0.0003668	0.001223	ND	ND
CBC	0.0001889	0.0006297	ND	ND
CBL	0.0001889	0.0006297	ND	ND
Total			0.000	0.000

SOP:102, AOAC 2018.11 (Modified); UHPLC-PDA. Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total CBG = CBGa * 0.878 + CBG. Pass/Fail THC criteria, if listed, is in accordance with 86 FR 5596 issued by the USDA for pre-harvest hemp clearance (total THC - uncertainty ≤ 0.3% THC). Dry weight percent of cannabinoids, if listed, is calculated using the dried weight determined by the moisture content prior to extraction, indicated as follows.

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<http://www.trichomeanalytical.com>
Lic# ISO/IEC 17025:2017 A2LA CERT# 5913.01 // DEA# RT0581098 // NJ HEMP# 34_00077

Kristen Goedde
Lab Manager

Tom Barkley
Technical Manager

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Gas #3 Seal #1403055

Concentrates & Extracts, Other

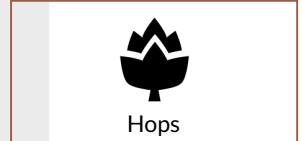
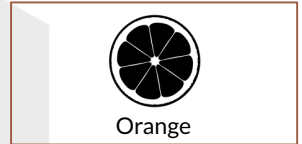


Terpenes

Date Analyzed: 04/22/2022

Analytes	LOD	LOQ	Result	Result
	%	%	%	mg/g
Caryophyllene	0.0179	0.0595	22.6	226
δ-Limonene	0.0179	0.0595	20.3	203
β-Myrcene	0.0179	0.0595	6.68	66.8
α-Humulene	0.0179	0.0595	6.05	60.5
Linalool	0.0179	0.0595	3.42	34.2
β-Pinene	0.0179	0.0595	2.25	22.5
α-Pinene	0.0179	0.0595	1.43	14.3
Fenchyl Alcohol	0.0179	0.0595	1.23	12.3
Eucalyptol	0.0179	0.0595	0.756	7.56
Terpineol	0.0168	0.0505	0.524	5.24
Camphene	0.0179	0.0595	0.431	4.31
Terpinolene	0.0179	0.0595	0.287	2.87
γ-Terpinene	0.0179	0.0595	0.185	1.85
α-Terpinene	0.0179	0.0595	0.0845	0.845
3-Carene	0.0179	0.0595	ND	ND
α-Bisabolol	0.0179	0.0595	ND	ND
α-Cedrene	0.0179	0.0595	ND	ND
α-Phellandrene	0.0179	0.0595	<LOQ	<LOQ
Borneol	0.0357	0.119	ND	ND
Camphor	0.0536	0.179	ND	ND
Caryophyllene Oxide	0.0179	0.0595	<LOQ	<LOQ
Cedrol	0.0179	0.0595	ND	ND
Fenchone	0.0357	0.119	<LOQ	<LOQ
Geraniol	0.0179	0.0595	ND	ND
Geranyl Acetate	0.0179	0.0595	ND	ND
Guaiol	0.0179	0.0595	ND	ND
Isoborneol	0.0179	0.0595	ND	ND
Isopulegol	0.0179	0.0595	ND	ND
Menthol	0.0179	0.0595	ND	ND
Nerol	0.0179	0.0595	ND	ND
Nerolidol	0.0179	0.0595	ND	ND
Ocimene	0.0179	0.0595	ND	ND
Pulegone	0.0179	0.0595	ND	ND
Sabinene	0.0179	0.0595	ND	ND
Sabinene Hydrate	0.0179	0.0595	ND	ND
Valencene	0.0179	0.0595	ND	ND

Primary Aromas



66.25%
Total Terpenes

SOP:202; HS-GC-MS.



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Batch#: 155668;

Sample Received: 04/19/2022; Report Created: 04/29/2022;

Gas #3 Seal #1403055

Concentrates & Extracts, Other



Microbials

Date Analyzed: 04/27/2022


Pass

Analytes	Limit	Result	Status
Total Aerobic Count	CFU/g 100000	CFU/g <100	Pass
Salmonella SPP	Detected in 1g	Not Detected	Pass
E. Coli (STEC)	Detected in 1g	Not Detected	Pass
Yeast & Mold	10000	<100	Pass

SOP.602, SOP.606, SOP.607; qPCR, SOP.604; Plating, and/or SOP.605; MPN. Aerobic Count, Enterobacteriaceae, & General E. coli pending addition to ISO 17025 Scope of Accreditation.

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Batch#: 155668;

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Gas #3 Seal #1403055

Concentrates & Extracts, Other



Mycotoxins

Date Analyzed: 04/28/2022


Pass

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Aflatoxin B1	0.000870	0.00290		ND	Tested
Aflatoxin B2	0.000870	0.00290		ND	Tested
Aflatoxin G1	0.000870	0.00290		ND	Tested
Aflatoxin G2	0.000870	0.00290		ND	Tested
Total Aflatoxins			0.0200	ND	Pass
Ochratoxin A	0.00348	0.0116	0.0200	ND	Pass

SOP.402; LC-MS/MS.

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Batch#: 155668;

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Gas #3 Seal #1403055

Concentrates & Extracts, Other



Heavy Metals

Date Analyzed: 04/26/2022

Pass

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Antimony	0.00805	0.0241		ND	Tested
Arsenic	0.00651	0.0482	1.50	ND	Pass
Cadmium	0.000512	0.0241	0.500	ND	Pass
Chromium	0.0259	0.0722		ND	Tested
Copper	0.103	0.489		ND	Tested
Iron	0.516	2.41		ND	Tested
Lead	0.00609	0.0241	1.00	ND	Pass
Manganese	0.0155	0.489		ND	Tested
Mercury	0.00276	0.00722	1.50	ND	Pass
Nickel	0.0266	0.0722		ND	Tested
Selenium	0.0126	0.0963		ND	Tested
Zinc	0.0679	0.489		<LOQ	Tested

SOP 502; ICPMS.

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Batch#: 155668;

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Gas #3 Seal #1403055

Concentrates & Extracts, Other



Pesticides

Date Analyzed: 04/28/2022

Pass

Analytes	LOD	LOQ	Limit	Result	Status	Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.0109	0.0362	0.300	ND	Pass	Fludioxonil	0.0109	0.0362	3.00	ND	Pass
Acephate	0.0109	0.0362	3.00	ND	Pass	Hexythiazox	0.0109	0.0362	2.00	ND	Pass
Acequinocyl	0.0109	0.0362	2.00	ND	Pass	Imazalil	0.0109	0.0362	0.100	ND	Pass
Acetamiprid	0.0109	0.0362	3.00	ND	Pass	Imidacloprid	0.0109	0.0362	3.00	ND	Pass
Aldicarb	0.0109	0.0362	0.100	ND	Pass	Kresoxim Methyl	0.0109	0.0362	1.00	ND	Pass
Azoxystrobin	0.0109	0.0362	3.00	ND	Pass	Malathion	0.0109	0.0362	2.00	ND	Pass
Bifenazate	0.0109	0.0362	3.00	ND	Pass	Metalaxyl	0.0109	0.0362	3.00	ND	Pass
Bifenthrin	0.0109	0.0362	0.500	ND	Pass	Methiocarb	0.0109	0.0362	0.100	ND	Pass
Boscalid	0.0109	0.0362	3.00	ND	Pass	Methomyl	0.0109	0.0362	0.100	ND	Pass
Captan	0.0870	0.290	3.00	ND	Pass	Mevinphos	0.0109	0.0362	0.100	ND	Pass
Carbaryl	0.0109	0.0362	0.500	ND	Pass	MGK-264	0.0217	0.0725		ND	Tested
Carbofuran	0.0109	0.0362	0.100	ND	Pass	Myclobutanil	0.0109	0.0362	3.00	ND	Pass
Chlorantraniliprole	0.0109	0.0362	3.00	ND	Pass	Naled	0.0109	0.0362	0.500	ND	Pass
Chlordane	0.0109	0.0362	0.100	ND	Pass	Oxamyl	0.0109	0.0362	0.500	ND	Pass
Chlorfenapyr	0.0109	0.0362	0.100	ND	Pass	Paclobotrazol	0.0109	0.0362	0.100	ND	Pass
Chlormequat chloride	0.0109	0.0362	3.00	ND	Pass	Parathion Methyl	0.0109	0.0362	0.100	ND	Pass
Chlorpyrifos	0.0109	0.0362	0.100	ND	Pass	Pentachloronitrobenzene	0.0109	0.0362	0.200	ND	Pass
Clofentezine	0.0109	0.0362	0.500	ND	Pass	Permethrins	0.0217	0.0725	1.00	ND	Pass
Coumaphos	0.0109	0.0362	0.100	ND	Pass	Phosmet	0.0109	0.0362	0.200	ND	Pass
Cyfluthrin	0.0435	0.145	1.00	ND	Pass	Piperonyl Butoxide	0.0109	0.0362	3.00	ND	Pass
Cypermethrin	0.0217	0.0725	1.00	ND	Pass	Prallethrin	0.0435	0.0362	0.400	ND	Pass
Daminozide	0.0109	0.0362	0.100	ND	Pass	Propiconazole	0.0109	0.0362	1.00	ND	Pass
Diazinon	0.0109	0.0362	0.200	ND	Pass	Propoxur	0.0109	0.0362	0.100	ND	Pass
Dichlorvos	0.0109	0.0362	0.100	ND	Pass	Pyrethrins	0.0435	0.145	1.00	ND	Pass
Dimethoate	0.0109	0.0362	0.100	ND	Pass	Pyridaben	0.0109	0.0362	3.00	ND	Pass
Dimethomorph	0.0109	0.0362	3.00	ND	Pass	Spinetoram	0.0109	0.0362	3.00	ND	Pass
Ethoprophos	0.0109	0.0362	0.100	ND	Pass	Spinosad	0.0109	0.0362	3.00	ND	Pass
Etofenprox	0.0109	0.0362	0.100	ND	Pass	Spiromesifen	0.0109	0.0362	3.00	ND	Pass
Etoazole	0.0109	0.0362	1.50	ND	Pass	Spirotetramat	0.0109	0.0362	3.00	ND	Pass
Fenhexamid	0.0109	0.0362	3.00	ND	Pass	Spiroxamine	0.0109	0.0362	0.100	ND	Pass
Fenoxycarb	0.0109	0.0362	0.100	ND	Pass	Tebuconazole	0.0109	0.0362	1.00	ND	Pass
Fenpyroximate	0.0109	0.0362	0.100	ND	Pass	Thiacloprid	0.0109	0.0362	0.100	ND	Pass
Fipronil	0.0109	0.0362	0.100	ND	Pass	Thiamethoxam	0.0109	0.0362	1.00	ND	Pass
Fonicamid	0.0109	0.0362	2.00	ND	Pass	Trifloxystrobin	0.0109	0.0362	3.00	ND	Pass

SOP.402; LC-MS/MS & SOP.302; GC-MS



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Gas #3 Seal #1403055

Concentrates & Extracts, Other



Residual Solvents

Date Analyzed: 04/28/2022

Pass

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
1,1- Dichloroethene	0.0370	0.111	8.00	ND	Pass
1,2-Dichloroethane	0.148	0.444	5.00	ND	Pass
Acetone	14.8	44.4	5000	284	Pass
Acetonitrile	14.8	44.4	410	ND	Pass
Benzene	0.0370	0.111	2.00	ND	Pass
Butane	14.8	44.4	2000	ND	Pass
Chloroform	0.0370	0.111	60.0	ND	Pass
Ethanol	14.8	44.4	5000	ND	Pass
Ethyl acetate	14.8	44.4	5000	ND	Pass
Ethyl ether	14.8	44.4	5000	ND	Pass
Ethylene oxide	0.148	0.444	5.00	ND	Pass
Heptane	14.8	44.4	5000	ND	Pass
Isopropyl alcohol	14.8	44.4	5000	ND	Pass
Methanol	14.8	44.4	3000	<LOQ	Pass
Methylene chloride	0.0740	0.222	600	ND	Pass
n-Hexane	7.40	22.2	290	<LOQ	Pass
Pentane	3.70	11.1	5000	ND	Pass
Propane	7.40	22.2	5000	ND	Pass
Toluene	7.40	22.2	890	ND	Pass
Trichloroethylene	0.0370	0.111	80.0	ND	Pass
Xylenes	7.40	22.2	2170	ND	Pass

SOP.204; HS-GC-MS.

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