



Certificate of Analysis

Sample: 2312ACTNY3447.8891

Kimberly Krisolofsky

12/11/2023

Kimberly Krisolofsky
Lead Technical Director

Date

NYHO Labs LLC

 37 Huntington Street
 Cortland, NY 13045
 teejay@newyorkhempoil.com
 (315) 450-4384


Sample: 2312ACTNY3447.8891

 Strain: Northern Lights (1g)
 Batch#: VA00043; Batch Size: units
 Sample Received: 12/05/2023 15:16
 Report Created: 12/11/2023 05:26 pm
 Sampling SOP 204-NY

Northern Lights

Concentrates & Extracts, Vape



	85.56% Total THC	<LOQ Total CBD	87.27% Total Cannabinoids
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Cannabinoids

 Method SOP 801-NY
 Date/Time Tested: 12/07/2023 14:54

Complete

Analyte	LOQ		
	ug/mL	mg/g	%
CBDV	0.50	ND	ND
CBDa	0.50	ND	ND
CBGa	0.50	ND	ND
CBG	0.50	17.20	1.72
CBD	0.50	ND	ND
THCV	0.50	<LOQ	<LOQ
CBN	0.50	<LOQ	<LOQ
CBNa	0.50	ND	ND
Δ9-THC	0.50	855.60	85.56
Δ8-THC	0.50	ND	ND
(6aR,9S)-d10-THC	0.50	ND	ND
(6aR,9R)-d10-THC	0.50	<LOQ	<LOQ
CBC	0.50	ND	ND
THCa	0.50	ND	ND
Total		872.70	87.27

Notes:

Total THC = THCa * 0.877 + Δ8-THC + Δ9-THC + (6aR,9S)-d10-THC + (6aR,9R)-d10-THC
 Total CBD = CBDa * 0.877 + CBD
 Total Cannabinoids = Sum of all cannabinoids
 LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. OCMPPCL-2022-00001. Cannabinoid potency values for flower type products are reported by percentage of dry weight determined via loss on drying; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. All results were generated by ISO certified methods to fulfill state testing requirements.

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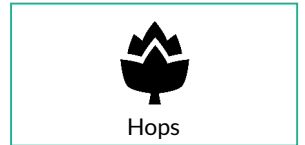
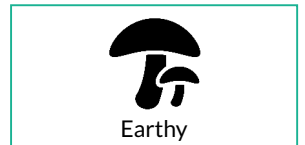
Terpenes

♦SOP 620-NY
Date/Time Tested: 12/07/2023 16:36

Pass

Primary Aromas

Analyte	LOQ	Mass
	ug/mL	%
Terpinolene	4.0	2.236
Ocimene	4.0	0.448
β-Myrcene	4.0	0.378
S (-) Limonene	4.0	0.279
Farnesene	4.0	0.221
trans-Caryophyllene	4.0	0.176
α-Pinene	4.0	0.135
β-Pinene	4.0	0.112
α-Humulene	4.0	0.066
α-Terpinene	4.0	0.057
α-Phellandrene	4.0	0.057
α-Bisabolol	4.0	0.052
δ-3-Carene	4.0	0.043
Linalool	4.0	0.041
Cedrol	4.0	0.033
α-Cedrene	4.0	<LOQ
α-Terpineol	4.0	<LOQ
Borneol	4.0	ND
Camphene	4.0	ND
Camphor	4.0	ND
Caryophyllene Oxide	4.0	<LOQ
cis-Nerolidol	4.0	ND
Eucalyptol	4.0	ND
Fenchol	4.0	ND
Fenchone	4.0	ND
γ-Terpinene	4.0	<LOQ
Geraniol	4.0	ND
Geranyl Acetate	4.0	ND
Guaiol	4.0	<LOQ
Isoborneol	4.0	ND
Isopulegol	4.0	ND
Menthol	4.0	ND
Nerol	4.0	ND
Pulegone	4.0	ND
p-Cymene	4.0	ND
Sabinene	4.0	ND
Sabinene Hydrate	4.0	ND
trans-Nerolidol	4.0	<LOQ
Valencene	4.0	ND



4.33%
Total Terpenes

Notes:

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 Sampling SOP 204-NY

Northern Lights

Concentrates & Extracts, Vape



Residual Solvents

SOP 612-NY

Date/Time Tested: 12/08/2023 12:50

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
1,1,1-Trichloro-Ethane		1500	ND	Pass
1,2-Dichloro-Ethane	2	5	ND	Pass
Acetone	4	5000	11	Pass
Acetonitrile	2	410	<LOQ	Pass
Benzene	2	2	ND	Pass
Butanes	40	5000	ND	Pass
Chloroform	2	60	ND	Pass
Dichloromethane	2	600	ND	Pass
Dimethyl Sulfoxide		5000	ND	Pass
Ethanol	20	5000	ND	Pass
Ethyl-Acetate	20	5000	ND	Pass
Ethyl-Ether	20	5000	ND	Pass
Heptane	20	5000	ND	Pass
Hexanes	6	290	ND	Pass
Isopropanol	20	5000	ND	Pass
Methanol	12	3000	ND	Pass
Pentanes	60	5000	ND	Pass
Propane	20	5000	ND	Pass
Toluene	4	890	ND	Pass
Xylenes	26	2170	ND	Pass

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 Sampling SOP 204-NY

Northern Lights

Concentrates & Extracts, Vape



Pesticides

 SOP 814-NY
 Date/Time Tested: 12/07/2023 16:45

Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Abamectin	0.50	0.39	ND	Pass
Acephate	0.40	0.10	ND	Pass
Acequinocyl	2.00	0.10	ND	Pass
Acetamiprid	0.20	0.10	ND	Pass
Aldicarb	0.40	0.10	ND	Pass
Azadirachtin	1.00	0.08	ND	Pass
Azoxystrobin	0.20	0.10	ND	Pass
Bifenazate	0.20	0.10	ND	Pass
Bifenthrin	0.20	0.10	ND	Pass
Boscalid	0.40	0.10	ND	Pass
Captan	1.00		TIC	Pass
Carbaryl	0.20	0.10	ND	Pass
Carbofuran	0.20	0.10	ND	Pass
Chlorantraniliprole	0.20	0.10	ND	Pass
Chlordane	1.00	0.10	ND	Pass
Chlorfenapyr	1.00	0.10	ND	Pass
Chlormequat chloride	1.00		TIC	Pass
Chlorpyrifos	0.20	0.10	ND	Pass
Clofentezine	0.20	0.10	ND	Pass
Coumaphos	1.00	0.10	ND	Pass
Cyfluthrin	1.00	0.50	ND	Pass
Cypermethrin	1.00	0.10	ND	Pass
Daminozide	1.00	0.10	ND	Pass
Diazinon	0.20	0.10	ND	Pass
Dichlorvos	1.00	0.10	ND	Pass

Notes:

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 Sampling SOP 204-NY

Northern Lights

Concentrates & Extracts, Vape



Pesticides

 SOP 814-NY
 Date/Time Tested: 12/07/2023 16:45

Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Dimethoate	0.20	0.10	ND	Pass
Dimethomorph	1.00	0.10	ND	Pass
Ethoprophos	0.20	0.10	ND	Pass
Etofenprox	0.40	0.10	ND	Pass
Etoazole	0.20	0.10	ND	Pass
Fenhexamid	1.00	0.10	ND	Pass
Fenoxycarb	0.20	0.10	ND	Pass
Fenpyroximate	0.40	0.10	ND	Pass
Fipronil	0.40	0.10	ND	Pass
Flonicamid	1.00	0.10	ND	Pass
Fludioxonil	0.40	0.10	ND	Pass
Hexythiazox	1.00	0.10	ND	Pass
Imazalil	0.20	0.10	ND	Pass
Imidacloprid	0.40	0.10	ND	Pass
Indolebutyric Acid	1.00	0.08	ND	Pass
Kresoxim Methyl	0.40	0.10	ND	Pass
Malathion	0.20	0.10	ND	Pass
Metalaxyl	0.20	0.10	ND	Pass
Methiocarb	0.20	0.10	ND	Pass
Methomyl	0.40	0.10	ND	Pass
Methyl Parathion	0.20	0.10	ND	Pass
Mevinphos	1.00	0.10	ND	Pass
MGK-264	0.20		TIC	Pass
Myclobutanil	0.20	0.10	ND	Pass
Naled	0.50	0.10	ND	Pass

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 Sampling SOP 204-NY

Northern Lights

Concentrates & Extracts, Vape



Pesticides

 SOP 814-NY
 Date/Time Tested: 12/07/2023 16:45

Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Oxamyl	1.00	0.10	ND	Pass
Paclobutrazol	0.40	0.10	ND	Pass
Pentachloronitrobenzene	1.00	0.10	ND	Pass
Permethrins [M+NH4] Total	0.20	0.10	ND	Pass
Phosmet	0.20	0.10	ND	Pass
Piperonyl Butoxide	2.00	0.10	ND	Pass
Prallethrin	0.20	0.10	ND	Pass
Propiconazole	0.40	0.10	ND	Pass
Propoxur	0.20	0.10	ND	Pass
Pyrethrins Total	1.00	0.07	ND	Pass
Pyridaben	0.20	0.10	ND	Pass
Spinetoram Total	1.00	0.10	ND	Pass
Spinosad Total	0.20	0.10	ND	Pass
Spiromesifen	0.20	0.10	ND	Pass
Spirotetramat	0.20	0.10	ND	Pass
Spiroxamine	0.20	0.10	ND	Pass
Tebuconazole	0.40	0.10	ND	Pass
Thiacloprid	0.20	0.10	ND	Pass
Thiamethoxam	0.20	0.10	ND	Pass
Trifloxystrobin	0.20	0.10	ND	Pass

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Northern Lights

Concentrates & Extracts, Vape



Microbials

◆SOP 401-NY ◆SOP 619-NY

Date/Time Tested: 12/06/2023 14:57

Analyte	LOQ	Limit	Units	Status
Total Viable Aerobic Bacteria (3M)	CFU/g 1000	CFU/g 10000	CFU/g <LOQ	Pass
Total Yeast & Mold (3M)	100	1000	<LOQ	Pass
STEC E. Coli (PDx)		Absent	Absent	Pass
Aspergillus fumigatus		Absent	Absent	Pass
Aspergillus niger		Absent	Absent	Pass
Aspergillus terreus		Absent	Absent	Pass
Aspergillus flavus		Absent	Absent	Pass
Salmonella Species (PDx)		Absent	Absent	Pass

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 Sampling SOP 204-NY

Northern Lights

Concentrates & Extracts, Vape



Heavy Metals

 SOP 250-NY
 Date/Time Tested: 12/08/2023 12:33

Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Antimony	2.000	0.240	ND	Pass
Arsenic	0.200	0.200	ND	Pass
Cadmium	0.300	0.200	ND	Pass
Chromium	110.000	0.240	ND	Pass
Copper	30.000	0.240	ND	Pass
Lead	0.500	0.240	ND	Pass
Mercury	0.100	0.048	ND	Pass
Nickel	2.000	0.240	ND	Pass

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Northern Lights

Concentrates & Extracts, Vape



Mycotoxins

SOP 808-NY
Date/Time Tested: 12/08/2023 03:55**Pass**

Analyte	Mass	Limit	LOQ	Status
Ochratoxin A	ng/g ND	ng/g 20	ng/g 5.0	Pass
Total Aflatoxins	ND	20	5.0	Pass

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