

GTI  
 Order No.: ONYGTINY1031-0010032  
 85 John Hicks Drive  
 New York, 10990  
 mike.gilkenson@gtigrows.com  
 6147380382  
 MM0706M

Sample: SNYGTINY1031-CVAP-0020659  
 Strain: Northern Lights, Unit Weight: 2.0000g  
 Batch#: 20251029NL-2.0, Batch Size: 2150 Units  
 Date Sampled: 10/31/2025 15:32  
 Sample Received: 10/31/2025 15:37  
 Report Created: 11/09/2025 15:46  
 Sampling SOP 204

Northern Lights Pen (NCD) 2000mg - & Shine (Indica)  
 Concentrates & Extracts, Vape



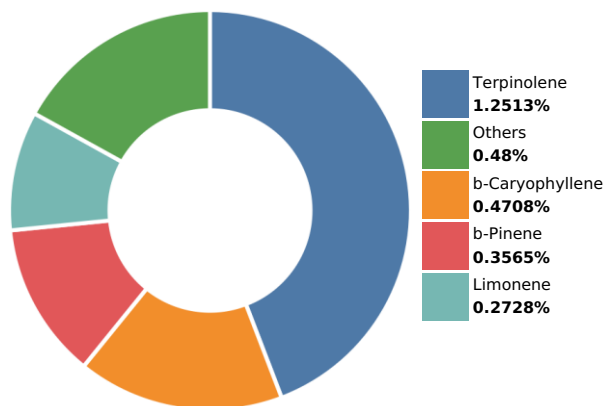
## Results

<b>4.22 mg/dose</b> D9-THC	<b>0.19 mg/dose</b> CBG
<b>ND</b> Total CBD	<b>4.22 mg/dose</b> Total THC
<b>4.41 mg/dose</b> Total Cannabinoids	<b>2.831%</b> Total Terpenes

## Tests Summary

<b>Cannabinoids</b> Tested	<b>Moisture</b> Not Tested	<b>Microbials</b> Pass
<b>Water Activity</b> Not Tested	<b>Foreign Matter</b> Not Tested	<b>Homogeneity</b> Not Tested
<b>Terpenes</b> Pass	<b>Residual Solvents</b> Pass	<b>Mycotoxins</b> Pass
<b>Heavy Metals</b> Pass	<b>Pesticides</b> Pass	

## Dominant Terpenes



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**Northern Lights Pen (NCD) 2000mg - & Shine (Indica)**

Concentrates & Extracts, Vape



**Cannabinoids**

Tested

**SOP:** SOP 801-NY  
**Instrument:** Shimadzu HPLC 1614  
 - 1614 / Agilent Infinity II - 2779 /  
 Agilent HPLC 2518 - 2518  
**Date/Time Tested:** 11/03/2025  
 17:58

Analyte	LOQ (ug/mL)	%	mg/g	mg/dose	mg/unit
CBDV	8,925.09	ND	ND	ND	ND
CBDa	8,925.09	ND	ND	ND	ND
CBGa	8,925.09	ND	ND	ND	ND
CBG	5,050.47	<b>3.79</b>	<b>37.89</b>	<b>0.19</b>	<b>75.79</b>
CBD	5,050.47	ND	ND	ND	ND
THCV	8,925.09	< LOQ	< LOQ	< LOQ	< LOQ
CBN	8,925.09	< LOQ	< LOQ	< LOQ	< LOQ
D9-THC	8,925.09	<b>84.48</b>	<b>844.83</b>	<b>4.22</b>	<b>1,689.65</b>
D8-THC	8,925.09	ND	ND	ND	ND
(6aR,9S)-d10-THC	8,925.09	ND	ND	ND	ND
(6aR,9R)-d10-THC	8,925.09	ND	ND	ND	ND
CBC	5,050.47	< LOQ	< LOQ	< LOQ	< LOQ
THCa	8,925.09	ND	ND	ND	ND
Total CBD		ND	ND	ND	ND
Total THC		<b>84.48</b>	<b>844.83</b>	<b>4.22</b>	<b>1,689.65</b>
Total Cannabinoids		<b>88.27</b>	<b>882.72</b>	<b>4.41</b>	<b>1,765.44</b>

**Report 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 full state testing requirements. ND = Not Detected; NT = Not Tested; NR = Not Reported

**Microbials**

Pass

**SOP:** SOP 401-NY SOP 418-NY  
**Instrument:** 35C Incubator - 1032 / 28C Incubator - 1034 / BioRad CFX qPCR - 3195  
**Date/Time Tested:** 10/31/2025  
 19:47

Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status
Aerobic Bacteria	100	10,000	ND	Passed
E. Coli		0	ND	Passed
Yeast & Mold	100	1,000	ND	Passed
Salmonella		0	ND	Passed
Aspergillus Flavus		0	ND	Passed
Aspergillus Fumigatus		0	ND	Passed
Aspergillus Niger		0	ND	Passed
Aspergillus Terreus		0	ND	Passed

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**Kimberly Krisolofsky**  
 Lead Technical Director

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 Sampling SOP 204

**Northern Lights Pen (NCD) 2000mg - & Shine (Indica)**

Concentrates & Extracts, Vape



**Pass**

**Terpenes**

**SOP:** SOP 620-NY

**Instrument:** Agilent GC-FID 1950 - 1950

**Date/Time Tested:** 11/03/2025 10:23

Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status	Analyte	LOQ (ug/mL)	Limit (ug/mL)	%	Status
Total Terpenes		115,000	<b>2.8312</b>	Passed	g-Terpinene	157		ND	Tested
Terpinolene	157		<b>1.2513</b>	Tested	Sabinene Hydrate	157		ND	Tested
b-Caryophyllene	157		<b>0.4708</b>	Tested	Fenchone	157		ND	Tested
b-Pinene	157		<b>0.3565</b>	Tested	Isopulegol	157		ND	Tested
Limonene	157		<b>0.2728</b>	Tested	Camphor	157		ND	Tested
a-Pinene	157		<b>0.0938</b>	Tested	Isoborneol	157		ND	Tested
d-3-Carene	157		<b>0.0931</b>	Tested	DL-Menthol	157		ND	Tested
Terpineol	157		<b>0.0734</b>	Tested	Borneol	157		ND	Tested
a-Bisabolol	157		<b>0.0660</b>	Tested	Nerol	157		ND	Tested
a-Cedrene	157		<b>0.0459</b>	Tested	Pulegone	157		ND	Tested
Linalool	157		<b>0.0437</b>	Tested	Geraniol	157		ND	Tested
Fenchol	157		<b>0.0385</b>	Tested	Geranyl Acetate	157		ND	Tested
a-Humulene	157		<b>0.0255</b>	Tested	Valencene	157		ND	Tested
Camphene	157		< LOQ	Tested	cis-Nerolidol	157		ND	Tested
Sabinene	157		ND	Tested	trans-Nerolidol	157		ND	Tested
b-Myrcene	157		ND	Tested	Guaiol	157		< LOQ	Tested
a-Phellandrene	157		ND	Tested	Caryophyllene Oxide	157		< LOQ	Tested
a-Terpinene	157		ND	Tested	Cedrol	157		ND	Tested
p-Cymene	157		ND	Tested	trans-b-Ocimene	157		ND	Tested
Eucalyptol	157		ND	Tested	trans-b-Farnesene	157		ND	Tested

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 Concentrates & Extracts, Vape



**Residual Solvents**

**SOP:** SOP 612-NY  
**Instrument:** Agilent HS-GC-MS 2543 - 2543  
**Date/Time Tested:** 11/02/2025 11:48

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
1,2-Dichloroethane	3	5	ND	Passed
Acetone	2,500	5,000	< LOQ	Passed
Acetonitrile	205	410	ND	Passed
Benzene	1	2	ND	Passed
Butane	2,500	5,000	ND	Passed
Chloroform	30	60	ND	Passed
Ethanol	2,500	5,000	ND	Passed
Ethyl Acetate	2,500	5,000	ND	Passed
Ethyl Ether	2,500	5,000	ND	Passed
DMSO	2,500	5,000	ND	Passed
Heptane	2,500	5,000	ND	Passed
Hexanes	145	290	ND	Passed
Isopropyl Alcohol	2,500	5,000	ND	Passed
Methanol	1,500	3,000	ND	Passed
Methylene Chloride	300	600	ND	Passed
Pentanes	2,500	5,000	ND	Passed
Propane	2,500	5,000	ND	Passed
Toluene	445	890	ND	Passed
Trichloroethane	750	1,500	ND	Passed
Xylenes	1,085	2,170	ND	Passed
1,1,1,2-Tetrafluoroethane (HFC-134a)	500	1,000	ND	Passed

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**Northern Lights Pen (NCD) 2000mg - & Shine (Indica)**  
 Concentrates & Extracts, Vape



**Mycotoxins**

**SOP:** SOP 808-NY  
**Instrument:** Agilent LCMS 2546 - 2546  
**Date/Time Tested:** 11/02/2025 08:52

Pass

Analyte	LOQ (ng/g)	Limit (ng/g)	ng/g	Status
B1	4.8		ND	Tested
B2	4.8		ND	Tested
G1	4.8		ND	Tested
G2	4.8		ND	Tested
Ochratoxin A	4.8	20.0	ND	Passed
Total Aflatoxins		20.0	ND	Passed
Total Mycotoxins			ND	Tested

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**Heavy Metals**

**SOP:** SOP 250-NY  
**Instrument:** Agilent 7800 ICP-MS - 2594  
**Date/Time Tested:** 11/03/2025 10:52

Pass

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Antimony	0.172	2.000	ND	Passed
Arsenic	0.172	0.200	ND	Passed
Cadmium	0.172	0.200	ND	Passed
Chromium	0.172	110.000	ND	Passed
Copper	0.206	30.000	ND	Passed
Mercury	0.041	0.100	ND	Passed
Nickel	0.206	2.000	ND	Passed
Lead	0.172	0.500	ND	Passed

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**Northern Lights Pen (NCD) 2000mg - & Shine (Indica)**  
 Concentrates & Extracts, Vape



**Pesticides**

**SOP:** SOP 814-NY  
**Instrument:** Agilent LCMS 2546 - 2546 / Agilent GCMS 2541 - 2541  
**Date/Time Tested:** 11/01/2025 13:35

**Pass**

Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Abamectin	0.37	0.50	ND	Passed
Acephate	0.10	0.40	ND	Passed
Acequinocyl	0.10	2.00	ND	Passed
Acetamiprid	0.10	0.20	ND	Passed
Aldicarb	0.10	0.40	ND	Passed
Azoxystrobin	0.10	0.20	ND	Passed
Bifenazate	0.10	0.20	ND	Passed
Bifenthrin	0.10	0.20	ND	Passed
Boscalid	0.10	0.40	ND	Passed
Carbaryl	0.10	0.20	ND	Passed
Carbofuran	0.10	0.20	ND	Passed
Chlorantraniliprole	0.10	0.20	ND	Passed
Chlorpyrifos	0.10	0.20	ND	Passed
Clofentezine	0.10	0.20	ND	Passed
Coumaphos	0.10	1.00	ND	Passed
Cyfluthrin	0.48	1.00	ND	Passed
Cypermethrin	0.10	1.00	ND	Passed
Daminozide	0.10	1.00	ND	Passed
Diazinon	0.10	0.20	ND	Passed
Dichlorvos	0.10	1.00	ND	Passed
Dimethoate	0.10	0.20	ND	Passed
Dimethomorph	0.10	1.00	ND	Passed
Ethoprophos	0.10	0.20	ND	Passed
Etofenprox	0.10	0.40	ND	Passed
Etoxazole	0.10	0.20	ND	Passed
Fenhexamid	0.10	1.00	ND	Passed
Fenoxycarb	0.10	0.20	ND	Passed
Fenpyroximate	0.10	0.40	ND	Passed
Fipronil	0.10	0.40	ND	Passed
Flonicamid	0.10	1.00	ND	Passed
Fludioxonil	0.10	0.40	ND	Passed
Hexythiazox	0.10	1.00	ND	Passed
Imazalil	0.10	0.20	ND	Passed
Imidacloprid	0.10	0.40	ND	Passed
Indole-3 Butyric Acid	0.12	1.00	ND	Passed
Kresoxim Methyl	0.10	0.40	ND	Passed
Malathion	0.10	0.20	ND	Passed
Mevinphos	0.10	1.00	ND	Passed
Metalaxyl	0.10	0.20	ND	Passed
Methiocarb	0.10	0.20	ND	Passed



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 Concentrates & Extracts, Vape



Analyte	LOQ (ug/g)	Limit (ug/g)	ug/g	Status
Methomyl	0.10	0.40	ND	Passed
MGK-264	0.01	0.20	ND	Passed
Myclobutanil	0.10	0.20	ND	Passed
Naled	0.10	0.50	ND	Passed
Oxamyl	0.10	1.00	ND	Passed
Paclobutrazol	0.10	0.40	ND	Passed
Permethrin	0.10	0.20	ND	Passed
Phosmet	0.10	0.20	ND	Passed
Piperonyl Butoxide	0.10	2.00	ND	Passed
Prallethrin	0.10	0.20	ND	Passed
Propiconazole	0.10	0.40	ND	Passed
Propoxur	0.10	0.20	ND	Passed
Pyrethrins	0.07	1.00	ND	Passed
Pyridaben	0.10	0.20	ND	Passed
Spinetoram	0.10	1.00	ND	Passed
Spinosyn AD	0.10	0.20	ND	Passed
Spiromesifen	0.10	0.20	ND	Passed
Spirotetramat	0.10	0.20	ND	Passed
Spiroxamine	0.10	0.20	ND	Passed
Tebuconazole	0.10	0.40	ND	Passed
Thiacloprid	0.10	0.20	ND	Passed
Thiamethoxam	0.10	0.20	ND	Passed
Trifloxystrobin	0.10	0.20	ND	Passed
Captan		1.00	TIC	Passed
Methyl Parathion	0.10	0.20	ND	Passed
Chlordane	0.10	1.00	ND	Passed
Chlorfenapyr	0.10	1.00	ND	Passed
PCNB	0.10	1.00	ND	Passed
Azadirachtin	0.12	1.00	ND	Passed
Chlormequat Chloride	0.02	1.00	ND	Passed

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