



Date Released: 10/21/2025 4:49:12PM

Report #: 92470

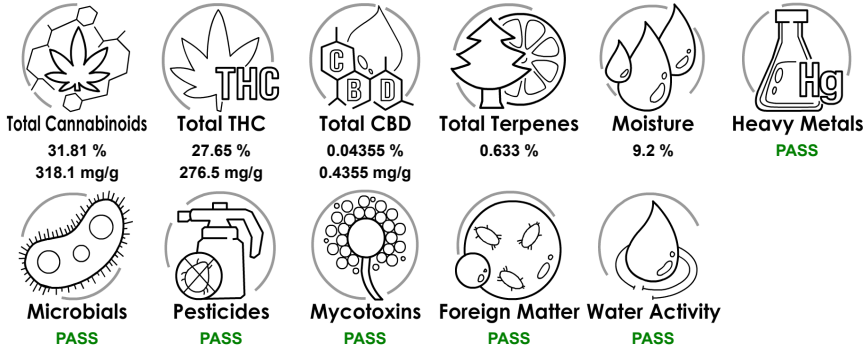
Northern Lights 14G Flower

Sample #: 19759, Weight: 280.00g, Unit Count:  
Order #: X250911-0034

Category/Type: Plant, Flower - Cured  
Date Collected: 9/11/2025 5:02:00PM  
Date Received: 9/16/2025 2:21:58PM  
Date Sampled: 9/11/2025 11:43:00AM

Regulator Sample ID: CR-FL-NL-1  
Regulator Source Package ID: CR-FL-NL-1  
Regulator Batch ID: CR-FL-NL-1

Size: 9600Units, Unit Count:



| Cannabinoids Avg                         |            |          |         |        | Date Completed: 09/20/2025 6:53PM |
|------------------------------------------|------------|----------|---------|--------|-----------------------------------|
| Total Cannabinoids: 31.81 % - 318.1 mg/g |            |          |         |        |                                   |
| Total THC: 27.65 % - 276.5 mg/g          |            |          |         |        |                                   |
| Total CBD: 0.04355 % - 0.4355 mg/g       |            |          |         |        |                                   |
| Compound                                 | CAS#       | LOQ (%)  | %       | mg/g   | Relative Concentration            |
| THCa                                     | 23978-85-0 | 0.001000 | 29.95   | 299.5  | <div></div>                       |
| d9-THC                                   | 1972-08-3  | 0.001000 | 1.377   | 13.77  | <div></div>                       |
| CBGa                                     | 25555-57-1 | 0.001000 | 0.3554  | 3.554  | <div></div>                       |
| CBG                                      | 25654-31-3 | 0.001000 | 0.06751 | 0.6751 | <div></div>                       |
| CBDa                                     | 1244-58-2  | 0.001000 | 0.04966 | 0.4966 | <div></div>                       |
| CBDV                                     | 24274-48-4 | 0.001000 | ND      | ND     | <div></div>                       |

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Amended to update total batch size. New report replacing original report #82967  
Results based on simple acceptance, not taking into consideration measuremental uncertainty.  
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**Sample #: 19759**

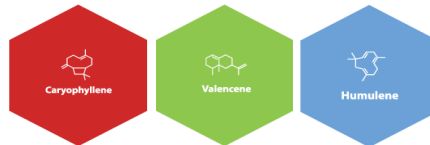
**Northern Lights 14G Flower**

| Compound   | CAS#       | LOQ (%)  | %  | mg/g | Relative Concentration |
|------------|------------|----------|----|------|------------------------|
| THCV       | 31262-37-0 | 0.001000 | ND | ND   |                        |
| CBD        | 13956-29-1 | 0.001000 | ND | ND   |                        |
| CBN        | 521-35-7   | 0.001000 | ND | ND   |                        |
| d8-THC     | 5957-75-5  | 0.001000 | ND | ND   |                        |
| d10/R9-THC | 95543-62-7 | 0.001000 | ND | ND   |                        |
| d10/S9-THC | 95588-87-7 | 0.001000 | ND | ND   |                        |
| CBC        | 20675-51-8 | 0.001000 | ND | ND   |                        |

**Test Comment:** Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed.

**Terpenes by HS-GC-MS**

**Date Completed:** 09/19/2025 1:31PM



| Compound                    | CAS#      | LOQ (%) | %      | Relative Concentration |
|-----------------------------|-----------|---------|--------|------------------------|
| Beta-caryophyllene          | 87-44-5   | 0.1000  | 0.3683 | <div></div>            |
| Valencene                   | 4630-07-3 | 0.1000  | 0.1412 | <div></div>            |
| Alpha-humulene              | 6753-98-6 | 0.1000  | 0.1238 | <div></div>            |
| Results based on dry weight |           |         |        |                        |
| Beta-myrcene                | 123-35-3  | 0.1000  | ND     |                        |
| Limonene                    | 5989-27-5 | 0.1000  | ND     |                        |

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**Keystone State Testing of New York**  
1809 Vestal Pkwy E

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InfoNY@KeystoneStateTesting.com  
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Permit #: OCM-CPL-00007



Dr. Kelly Greenland, Lab Director





Sample #: 19759

Northern Lights 14G Flower

| Compound            | CAS#       | LOQ (%) | %  | Relative Concentration |
|---------------------|------------|---------|----|------------------------|
| Alpha-pinene        | 80-56-8    | 0.1000  | ND |                        |
| Linalool            | 78-70-6    | 0.1000  | ND |                        |
| Beta-pinene         | 127-91-3   | 0.1000  | ND |                        |
| Terpinolene         | 586-62-9   | 0.1000  | ND |                        |
| Ocimene             | 13877-91-3 | 0.1000  | ND |                        |
| Alpha-bisabolol     | 515-69-5   | 0.1000  | ND |                        |
| Caryophyllene-oxide | 1139-30-6  | 0.1000  | ND |                        |
| Geraniol            | 106-24-1   | 0.1000  | ND |                        |
| Camphene            | 79-92-5    | 0.1000  | ND |                        |
| Guaial              | 489-86-1   | 0.1000  | ND |                        |
| Alpha-terpinene     | 99-86-5    | 0.1000  | ND |                        |
| Terpineol           | 8006-39-1  | 0.1000  | ND |                        |
| Fenchol             | 14575-74-7 | 0.1000  | ND |                        |
| Alpha-phellandrene  | 99-83-2    | 0.1000  | ND |                        |
| Farnesene           | 502-61-4   | 0.1000  | ND |                        |

Test Comment: Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

### Foreign Matter by Microscopy

Pass

Analysis Date: 09/17/2025 6:42 pm

| Compound            | LOQ (%) | Limits (%) | Result (%) | Status |
|---------------------|---------|------------|------------|--------|
| % Filth             | 0.00100 | 2.0        | ND         | Pass   |
| % Mammalian Excreta | 0.00100 | 5.0        | ND         | Pass   |
| % Stems             | 0.00100 | 0.03       | ND         | Pass   |

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

### Moisture by Analyzer

Pass

Analysis Date: 09/17/2025 6:42 pm

| Compound | LOQ (%) | Limits (%) | Result (%) | Status |
|----------|---------|------------|------------|--------|
|----------|---------|------------|------------|--------|

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*Kelly Greenland*

Dr. Kelly Greenland, Lab Director





Sample #: 19759

Northern Lights 14G Flower

Moisture by Analyzer

Pass

Analysis Date: 09/17/2025 6:42 pm

| Compound | LOQ (%) | Limits (%) | Result (%) | Status |
|----------|---------|------------|------------|--------|
| Moisture | 1.2     | 0 - 15     | 9.2        | Pass   |

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

Water Activity by Meter

Pass

Analysis Date: 09/17/2025 6:42 pm

| Compound       | LOQ (Aw) | Limits (Aw) | Result (Aw) | Status |
|----------------|----------|-------------|-------------|--------|
| Water Activity | 0.05     | 0.65        | 0.54        | Pass   |

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

Pesticides by LCMSMS

Pass

Analysis Date: 09/20/2025 6:57 pm

| Compound            | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|---------------------|------------|---------------|---------------|--------|
| Abamectin           | 0.0100     | 0.500         | ND            | Pass   |
| Acephate            | 0.0100     | 0.400         | ND            | Pass   |
| Acequinocyl         | 0.0100     | 2.00          | ND            | Pass   |
| Acetamiprid         | 0.0100     | 0.200         | ND            | Pass   |
| Aldicarb            | 0.0100     | 0.400         | ND            | Pass   |
| Azadirachtin        | 0.0100     | 1.00          | ND            | Pass   |
| Azoxystrobin        | 0.0100     | 0.200         | ND            | Pass   |
| Bifenazate          | 0.0100     | 0.200         | ND            | Pass   |
| Bifenthrin          | 0.0100     | 0.200         | ND            | Pass   |
| Boscalid            | 0.0100     | 0.400         | ND            | Pass   |
| Captan              | 0.0100     | 1.00          | ND            | Pass   |
| Carbaryl            | 0.0100     | 0.200         | ND            | Pass   |
| Carbofuran          | 0.0100     | 0.200         | ND            | Pass   |
| Chlorantraniliprole | 0.0100     | 0.200         | ND            | Pass   |
| Chlordane-alpha     | 0.0100     | 1.00          | ND            | Pass   |

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Sample #: 19759

Northern Lights 14G Flower

**Pesticides by LCMSMS**

**Pass**

Analysis Date: 09/20/2025 6:57 pm

| Compound             | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------------------|------------|---------------|---------------|--------|
| Chlorfenapyr         | 0.0100     | 1.00          | ND            | Pass   |
| Chlormequat Chloride | 0.0100     | 1.00          | ND            | Pass   |
| Chlorpyrifos         | 0.0100     | 0.200         | ND            | Pass   |
| Clofentezine         | 0.0100     | 0.200         | ND            | Pass   |
| Coumaphos            | 0.0100     | 1.00          | ND            | Pass   |
| Cyfluthrin           | 0.0100     | 1.00          | ND            | Pass   |
| Cypermethrin         | 0.0100     | 1.00          | ND            | Pass   |
| Daminozide           | 0.0100     | 1.00          | ND            | Pass   |
| Diazinon             | 0.0100     | 0.200         | ND            | Pass   |
| Dichlorvos           | 0.0100     | 1.00          | ND            | Pass   |
| Dimethoate           | 0.0100     | 0.200         | ND            | Pass   |
| Dimethomorph         | 0.0100     | 1.00          | ND            | Pass   |
| Ethoprophos          | 0.0100     | 0.200         | ND            | Pass   |
| Etofenprox           | 0.0100     | 0.400         | ND            | Pass   |
| Etoxazole            | 0.0100     | 0.200         | ND            | Pass   |
| Fenhexamid           | 0.0100     | 1.00          | ND            | Pass   |
| Fenoxycarb           | 0.0100     | 0.200         | ND            | Pass   |
| Fenpyroximate        | 0.0100     | 0.400         | ND            | Pass   |
| Fipronil             | 0.0100     | 0.400         | ND            | Pass   |
| Flonicamid           | 0.0100     | 1.00          | ND            | Pass   |
| Fludioxonil          | 0.0100     | 0.400         | ND            | Pass   |
| Hexythiazox          | 0.0100     | 1.00          | ND            | Pass   |
| Imazalil             | 0.0100     | 0.200         | ND            | Pass   |
| Imidacloprid         | 0.0100     | 0.400         | ND            | Pass   |
| Indolebutyric Acid   | 0.0100     | 1.00          | ND            | Pass   |

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Sample #: 19759

Northern Lights 14G Flower

**Pesticides by LCMSMS**

**Pass**

Analysis Date: 09/20/2025 6:57 pm

| Compound                | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-------------------------|------------|---------------|---------------|--------|
| Kresoxim-methyl         | 0.0100     | 0.400         | ND            | Pass   |
| Malathion               | 0.0100     | 0.200         | ND            | Pass   |
| Metalaxyl               | 0.0100     | 0.200         | ND            | Pass   |
| Methiocarb              | 0.0100     | 0.200         | ND            | Pass   |
| Methomyl                | 0.0100     | 0.400         | ND            | Pass   |
| Methyl Parathion        | 0.0100     | 0.200         | ND            | Pass   |
| Mevinphos               | 0.0100     | 1.00          | ND            | Pass   |
| MGK-264                 | 0.0100     | 0.200         | ND            | Pass   |
| Myclobutanil            | 0.0100     | 0.200         | ND            | Pass   |
| Naled                   | 0.0100     | 0.500         | ND            | Pass   |
| Oxamyl                  | 0.0100     | 1.00          | ND            | Pass   |
| Paclobutrazol           | 0.0100     | 0.400         | ND            | Pass   |
| Pentachloronitrobenzene | 0.0100     | 1.00          | ND            | Pass   |
| Permethrins, Total      | 0.0100     | 0.200         | ND            | Pass   |
| Phosmet                 | 0.0100     | 0.200         | ND            | Pass   |
| Piperonyl Butoxide      | 0.0100     | 2.00          | ND            | Pass   |
| Prallethrin             | 0.0100     | 0.200         | ND            | Pass   |
| Propiconazole           | 0.0100     | 0.400         | ND            | Pass   |
| Propoxur                | 0.0100     | 0.200         | ND            | Pass   |
| Pyrethrins Total        | 0.0100     | 1.00          | ND            | Pass   |
| Pyridaben               | 0.0100     | 0.200         | ND            | Pass   |
| Spinetoram Total        | 0.0100     | 1.00          | ND            | Pass   |
| Spinosad Total          | 0.0100     | 0.200         | ND            | Pass   |
| Spiromesifen            | 0.0100     | 0.200         | ND            | Pass   |
| Spirotetramat           | 0.0100     | 0.200         | ND            | Pass   |

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Sample #: 19759

Northern Lights 14G Flower

**Pesticides by LCMSMS**

**Pass**

Analysis Date: 09/20/2025 6:57 pm

| Compound        | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------------|------------|---------------|---------------|--------|
| Spiroxamine     | 0.0100     | 0.200         | ND            | Pass   |
| Tebuconazole    | 0.0100     | 0.400         | ND            | Pass   |
| Thiacloprid     | 0.0100     | 0.200         | ND            | Pass   |
| Thiamethoxam    | 0.0100     | 0.200         | ND            | Pass   |
| Trifloxystrobin | 0.0100     | 0.200         | ND            | Pass   |

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

**Mycotoxins by LCMSMS**

**Pass**

Analysis Date: 09/20/2025 6:57 pm

| Compound        | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------------|------------|---------------|---------------|--------|
| Aflatoxin B1    | 0.0050     | 0.020         | ND            | Pass   |
| Aflatoxin B2    | 0.0050     | 0.020         | ND            | Pass   |
| Aflatoxin G1    | 0.0050     | 0.020         | ND            | Pass   |
| Aflatoxin G2    | 0.0050     | 0.020         | ND            | Pass   |
| Ochratoxin A    | 0.0050     | 0.020         | ND            | Pass   |
| Total Aflatoxin | 0.0050     | 0.020         | ND            | Pass   |

Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

**Heavy Metals by ICPMS**

**Pass**

Analysis Date: 09/17/2025 8:38 am

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100     | 2.00          | ND            | Pass   |
| Arsenic  | 0.00100    | 0.200         | 0.0479        | Pass   |
| Cadmium  | 0.00150    | 0.200         | 0.00550       | Pass   |
| Chromium | 0.280      | 110           | ND            | Pass   |
| Copper   | 0.0750     | 30.0          | 4.72          | Pass   |
| Lead     | 0.00250    | 0.500         | 0.0890        | Pass   |

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Northern Lights 14G Flower

Heavy Metals by ICPMS

Pass

Analysis Date: 09/17/2025 8:38 am

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Mercury  | 0.000500   | 0.100         | ND            | Pass   |
| Nickel   | 0.0100     | 5.00          | ND            | Pass   |

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.

Micro by Petri & qPCR

Pass

Analysis Date: 09/18/2025 5:48 pm

| Compound                                  | LOQ (CFU/g) | Limits (CFU/g) | Result (CFU/g) | Status |
|-------------------------------------------|-------------|----------------|----------------|--------|
| Aspergillus flavus Qualitative            | 1           | 0              | Not Detected   | Pass   |
| Aspergillus fumigatus Qualitative         | 1           | 0              | Not Detected   | Pass   |
| Aspergillus niger Qualitative             | 1           | 0              | Not Detected   | Pass   |
| Aspergillus terreus Qualitative           | 1           | 0              | Not Detected   | Pass   |
| Salmonella Qualitative                    | 1           | 0              | Not Detected   | Pass   |
| Shiga Toxin-Producing E. coli Qualitative | 1           | 0              | Not Detected   | Pass   |
| Total Aerobic Bacteria                    | 10          |                | 860000         | Pass   |
| Total Yeast & Mold                        | 10          |                | 101000         | Pass   |

Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed.

Due to COA validation limitations: "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence". "Passed" for an adult-use product implies the results contain less than 1,000,000 cfu/g.

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