



Certificate of Analysis

Sample:AL30331002-001
Harvest/Lot ID: 00052
Batch#: 230310-001
Seed to Sale# LeafLogix
Sample Size Received: 8 units
Total Amount: 1200 units
Retail Product Size: 1 gram
Sampled : 03/31/23
PASSED
Apr 14, 2023 | Nightshade Farm

686 Fox Creek Rd.

Medusa, NY, 12120, US

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PRODUCT IMAGE

SAFETY RESULTS

**Pesticides
PASSED**

**Heavy Metals
PASSED**

**Microbials
PASSED**

**Mycotoxins
PASSED**

**Residuals Solvents
PASSED**

**Filtration
NOT TESTED**

**Water Activity
NOT TESTED**

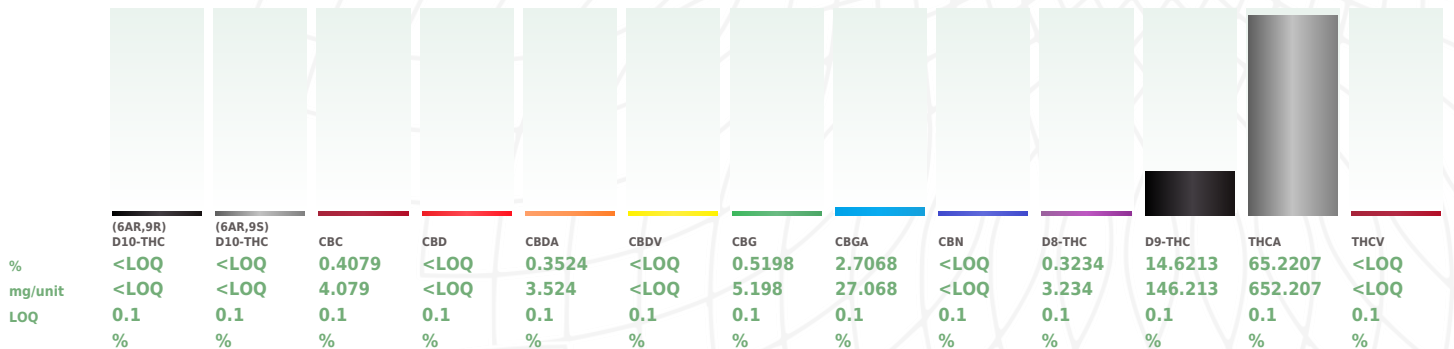
**Moisture
NOT TESTED**

**Terpenes
TESTED**
MISC.

Cannabinoid
PASSED

Total THC
72.1432%

Total CBD
0.309%

Total Cannabinoids
84.1523%

Weight:
0.2024g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY

Analyzed Date : 04/04/23 11:18:21

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).



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Nightshade Farm

686 Fox Creek Rd.
Medusa, NY, 12120, US

Telephone: (518) 239-6103

Email: nightshadefarm@gmail.com

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Total Amount : 1200 units

Sample Method : SOP Client Method

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Terpenes

TESTED

| Terpenes | LOQ (%) | mg/unit | % | Result (%) |
|--------------------|---------|---------|------|------------|
| VALENCENE | 0.004 | <LOQ | <LOQ | |
| ALPHA-PINENE | 0.004 | <LOQ | <LOQ | |
| TRANS-NEROLIDOL | 0.004 | 2 | 0.2 | |
| CAMPENE | 0.004 | <LOQ | <LOQ | |
| SABINENE | 0.004 | <LOQ | <LOQ | |
| BETA-PINENE | 0.004 | <LOQ | <LOQ | |
| BETA-MYRCENE | 0.004 | 1 | 0.1 | |
| PULEGONE | 0.004 | <LOQ | <LOQ | |
| ALPHA-PHELLANDRENE | 0.004 | <LOQ | <LOQ | |
| 3-CARENE | 0.004 | <LOQ | <LOQ | |
| NEROL | 0.004 | <LOQ | <LOQ | |
| ALPHA-TERPINENE | 0.004 | <LOQ | <LOQ | |
| LINALOOL | 0.004 | 1 | 0.1 | |
| LIMONENE | 0.004 | <LOQ | <LOQ | |
| EUCALYPTOL | 0.004 | <LOQ | <LOQ | |
| ISOBORNEOL | 0.004 | <LOQ | <LOQ | |
| OCIMENE | 0.004 | <LOQ | <LOQ | |
| GAMMA TERPINEOL | 0.004 | ND | ND | |
| HEXAHYDROTHYMOL | 0.004 | <LOQ | <LOQ | |
| SABINENE HYDRATE | 0.004 | <LOQ | <LOQ | |
| GUAJOL | 0.004 | <LOQ | <LOQ | |
| TERPINOLENE | 0.004 | <LOQ | <LOQ | |
| GERANYL ACETATE | 0.004 | 20 | 2 | |
| FENCHONE | 0.004 | <LOQ | <LOQ | |
| GERANIOL | 0.004 | <LOQ | <LOQ | |
| GAMMA-TERPINENE | 0.004 | <LOQ | <LOQ | |
| FENCHYL ALCOHOL | 0.004 | <LOQ | <LOQ | |
| ISOPULEGOL | 0.004 | <LOQ | <LOQ | |
| CAMPHOR | 0.004 | <LOQ | <LOQ | |
| CIS-NEROLIDOL | 0.004 | 20 | 2 | |
| CEDROL | 0.004 | <LOQ | <LOQ | |
| Total (%) | | | 13.5 | |

| Terpenes | LOQ (%) | mg/unit | % | Result (%) |
|--|---------|---------|------|------------|
| CARYOPHYLLENE OXIDE | 0.004 | <LOQ | <LOQ | |
| BORNEOL | 0.004 | <LOQ | <LOQ | |
| BETA-CARYOPHYLLENE | 0.004 | 70 | 7 | |
| ALPHA-HUMULENE | 0.004 | 3 | 0.3 | |
| ALPHA-CEDRENE | 0.004 | <LOQ | <LOQ | |
| ALPHA-BISABOLOL | 0.004 | 16 | 1.6 | |
| ALPHA TERPINEOL | 0.004 | <LOQ | <LOQ | |
| Weight: | | | | |
| 0.5036g | | | | |
| Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY | | | | |
| Analyzed Date : 04/04/23 13:55:10 | | | | |
| Terpenoid profile screening is performed using GC-MS/MS TQ-8040 with Liquid Injection (Gas Chromatography - Mass Spectrometer Triple Quad) which can screen 37 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC-MS/MS. | | | | |