



Certificate of Analysis

Sample:AL30227001-002
Harvest/Lot ID: 00032
Batch#: 021723
Cultivation Facility:
Processing Facility :
Distributor Facility :
Source Facility :
Seed to Sale# LeafLogix

Batch Date: 02/17/23

Sample Size Received: 8 units

Total Amount: 764 units

Retail Product Size: 3.54 gram

Ordered : 02/26/23

Sampled : 02/26/23

Completed: 03/15/23

Sampling Method: N/A

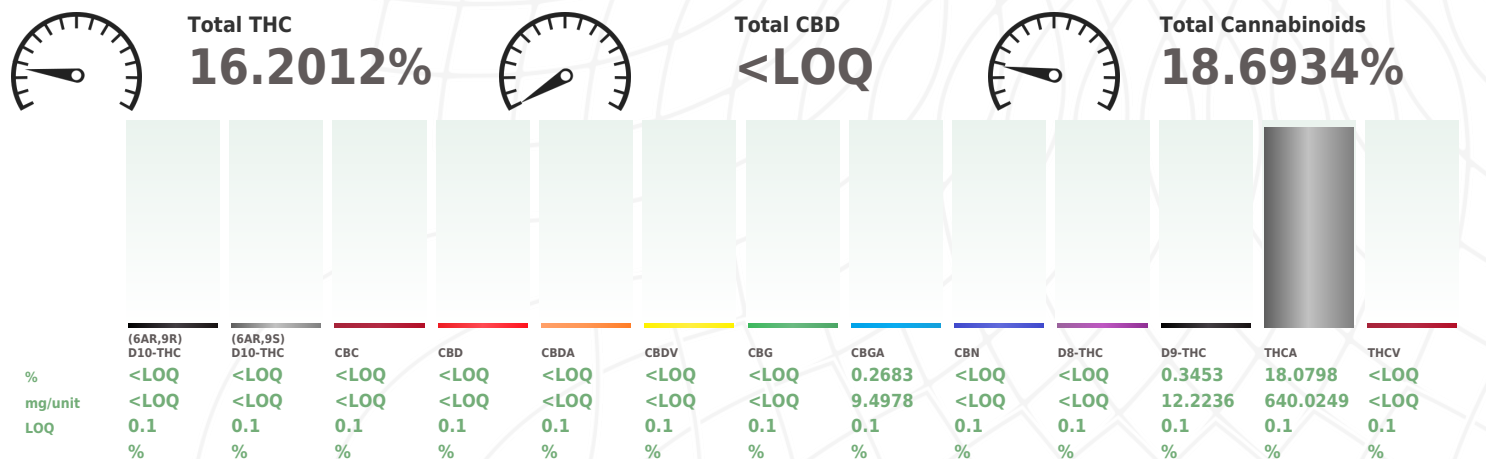
PASSED
Mar 15, 2023 | Nightshade Farm

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

Pages 1 of 4

PRODUCT IMAGE	SAFETY RESULTS								MISC.
	Pesticides PASSED	Heavy Metals PASSED	Microbials PASSED	Mycotoxins PASSED	Residuals Solvents NOT TESTED	Filtration PASSED	Water Activity PASSED	Moisture PASSED	Terpenes NOT TESTED

	Cannabinoid	PASSED
--	--------------------	---------------



Analyzed by: 397, 424, 509, 297	Weight: 0.2132g	Extraction date: 02/28/23 16:48:46	Extracted by: 683
------------------------------------	--------------------	---------------------------------------	----------------------

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analytical Batch : AL000812POT
Instrument Used : AL-115 (Flower)
Running on : 03/06/23 16:46:43

Reviewed On : 03/08/23 18:39:54
Batch Date : 02/27/23 16:45:54

Dilution : 400
Reagent : 100622.01; 070822.09; 022123.R01; 030123.R02
Consumables : 309646; 210913-274-D; 11152021; 292651; 9LCJ1611R; 0980420; 239146; 257382/ 257796; 296123225
Pipette : AL-003 - Transf. S 2-20 ul; AL-006 - Transf. S 20-200 ul; AL-018 - Transf. S 100-1000 ul; AL-030 - Disp. S 5-50 ml

Potency results for bulk flower and plant forms are reported on a dry weight basis. Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.



Certificate of Analysis

PASSED

Nightshade Farm


 686 Fox Creek Rd.
 Medusa, NY, 12120, US
 Telephone: (518) 239-6103
 Email: nightshadefarm@gmail.com

 Sample : AL30227001-002
 Harvest/Lot ID: 00032

 Batch# : 021723
 Sampled : 02/26/23
 Ordered : 02/26/23

 Sample Size Received : 8 units
 Total Amount : 764 units
 Completed : 03/15/23
 Sample Method : SOP Client Method

Page 2 of 4



Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
PYRETHRINS, TOTAL	0.1	ppm	1	PASS	<LOQ	PACLOBUTRAZOL	0.1	ppm	0.4	PASS	<LOQ
AZADIRACTIN	0.1	ppm	1	PASS	<LOQ	PERMETHRINS	0.1	ppm	0.2	PASS	<LOQ
INDOLE-3-BUTYRIC ACID	0.1	ppm	1	PASS	<LOQ	PHOSMET	0.1	ppm	0.2	PASS	<LOQ
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<LOQ	PRALLETHRIN	0.1	ppm	0.2	PASS	<LOQ
PIPERONYL BUTOXIDE	0.1	ppm	2	PASS	<LOQ	PROPICONAZOLE	0.1	ppm	0.4	PASS	<LOQ
ABAMECTIN B1A	0.1	ppm	0.5	PASS	<LOQ	PROPOXUR	0.1	ppm	0.2	PASS	<LOQ
ACEPHATE	0.1	ppm	0.4	PASS	<LOQ	PYRIDABEN	0.1	ppm	0.2	PASS	<LOQ
ACEQUINOCYL	0.1	ppm	2	PASS	<LOQ	SPINETORAM, TOTAL	0.1	ppm	1	PASS	<LOQ
ACETAMIPRID	0.1	ppm	0.2	PASS	<LOQ	SPINOSAD, TOTAL	0.1	ppm	0.2	PASS	<LOQ
ALDICARB	0.1	ppm	0.4	PASS	<LOQ	SPIROMESIFEN	0.1	ppm	0.2	PASS	<LOQ
AZOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ	SPIROTETRAMAT	0.1	ppm	0.2	PASS	<LOQ
CHLORMEQUAT CHLORIDE	0.1	ppm	1	PASS	<LOQ	SPIROXAMINE	0.1	ppm	0.2	PASS	<LOQ
BIFENAZATE	0.1	ppm	0.2	PASS	<LOQ	TEBUCONAZOLE	0.1	ppm	0.4	PASS	<LOQ
BIFENTHRIN	0.1	ppm	0.2	PASS	<LOQ	THIACLOPRID	0.1	ppm	0.2	PASS	<LOQ
CARBARYL	0.1	ppm	0.2	PASS	<LOQ	THIAMETHOXAM	0.1	ppm	0.2	PASS	<LOQ
COUMAPHOS	0.1	ppm	1	PASS	<LOQ	TRIFLOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ
CHLORPYRIFOS	0.1	ppm	0.2	PASS	<LOQ	CAPTAN *	0.1	ppm	1	PASS	<LOQ
DAMINOZIDE	0.1	ppm	1	PASS	<LOQ	CHLORDANE *	0.1	ppm	1	PASS	<LOQ
BOSCALID	0.1	ppm	0.4	PASS	<LOQ	CHLORFENAPYR *	0.1	ppm	1	PASS	<LOQ
CARBOFURAN	0.1	ppm	0.2	PASS	<LOQ	CYFLUTHRIN *	0.1	ppm	1	PASS	<LOQ
CHLORANTRANILIPROLE	0.1	ppm	0.2	PASS	<LOQ	CYPERMETHRIN *	0.1	ppm	1	PASS	<LOQ
CLOFENTEZINE	0.1	ppm	0.2	PASS	<LOQ	METHYL PARATHION *	0.1	ppm	0.1	PASS	<LOQ
DIAZINON	0.1	ppm	0.2	PASS	<LOQ	MGK-264 *	0.1	ppm	0.2	PASS	<LOQ
DICHLORVOS	0.1	ppm	1	PASS	<LOQ	PENTACHLORONITROBENZENE *	0.1	ppm	1	PASS	<LOQ
DIMETHOATE	0.1	ppm	0.2	PASS	<LOQ						
DIMETHOMORPH	0.1	ppm	1	PASS	<LOQ						
ETHOPROPHOS	0.1	ppm	0.2	PASS	<LOQ						
ETOFENPROX	0.1	ppm	0.4	PASS	<LOQ						
ETOXAZOLE	0.1	ppm	0.2	PASS	<LOQ						
FENHEXAMID	0.1	ppm	1	PASS	<LOQ						
FENOXYCARB	0.1	ppm	0.2	PASS	<LOQ						
FENPYROXIMATE	0.1	ppm	0.4	PASS	<LOQ						
FIPRONIL	0.1	ppm	0.4	PASS	<LOQ						
FLONICAMID	0.1	ppm	1	PASS	<LOQ						
FLUDIOXONIL	0.1	ppm	0.4	PASS	<LOQ						
HEXYTHIAZOX	0.1	ppm	1	PASS	<LOQ						
IMAZALIL	0.1	ppm	0.2	PASS	<LOQ						
IMIDACLOPRID	0.1	ppm	0.4	PASS	<LOQ						
KRESOXIM METHYL	0.1	ppm	0.4	PASS	<LOQ						
MALATHION	0.1	ppm	0.2	PASS	<LOQ						
METALAXYL	0.1	ppm	0.2	PASS	<LOQ						
METHIOCARB	0.1	ppm	0.2	PASS	<LOQ						
METHOMYL	0.1	ppm	0.4	PASS	<LOQ						
MEVINPHOS	0.1	ppm	1	PASS	<LOQ						
NALED	0.1	ppm	0.5	PASS	<LOQ						
OXAMYL	0.1	ppm	1	PASS	<LOQ						

Analyzed by:

424, 297

Weight:

0.9347g

Extraction date:

02/28/23 17:42:29

Extracted by:

395,683

Analysis Method :SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY

Analytical Batch :AL000806PES

Instrument Used :AL-131 - Vanquish

Running on :N/A

Dilution : 25

Reagent : 022723.R07; 040522.08; 102122.R01; 102122.01

Consumables : X0039CTBWP; 309646; 11152021; 292651; 9LCJ1611R; 12265-115CC-115; 239146; 257382/ 257796; 296123225; GD220004; 16398001

Pipette : AL-003 - Transf. S 2-20 ul; AL-009 - Transf. S 20-200 ul; AL-017 - Transf. S 100-1000 ul; AL-152 - Disp. S Org. 5-50 ml

Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.

Analyzed by:

424, 735, 297

Weight:

0.9347g

Extraction date:

02/28/23 17:42:29

Extracted by:

395,683

Analysis Method :SOP.T.40.154.NY

Analytical Batch :AL000833VOL

Instrument Used :N/A

Running on :03/13/23 08:29:58

Dilution : 25

Reagent : 022723.R07; 040522.08; 102122.R01; 102122.01

Consumables : X0039CTBWP; 309646; 11152021; 292651; 9LCJ1611R; 12265-115CC-115; 239146; 257382/ 257796; 296123225; GD220004; 16398001

Pipette : AL-003 - Transf. S 2-20 ul; AL-009 - Transf. S 20-200 ul; AL-017 - Transf. S 100-1000 ul; AL-152 - Disp. S Org. 5-50 ml

Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.



Certificate of Analysis

PASSED

Nightshade Farm



 686 Fox Creek Rd.
 Medusa, NY, 12120, US
 Telephone: (518) 239-6103
 Email: nightshadefarm@gmail.com

 Sample : AL30227001-002
 Harvest/Lot ID: 00032

 Batch# : 021723
 Sampled : 02/26/23
 Ordered : 02/26/23

 Sample Size Received : 8 units
 Total Amount : 764 units
 Completed : 03/15/23
 Sample Method : SOP Client Method

Page 3 of 4

<div>Microbial</div>						<div><div>PASSED</div>Mycotoxins</div>					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AEROBIC BACTERIA	10	CFU/g	<100	TESTED		AFLATOXIN G2	0.0025	ppm	<LOQ	PASS	0.02
TOTAL YEAST AND MOLD	10	CFU/g	<100	TESTED		AFLATOXIN G1	0.0025	ppm	<LOQ	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.0025	ppm	<LOQ	PASS	0.02
SALMONELLA SPECIES			Not Present	PASS		AFLATOXIN B1	0.0025	ppm	<LOQ	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		OCHRATOXIN A+	0.01	ppm	<LOQ	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.0025	ppm	<LOQ	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS							
ASPERGILLUS FUMIGATUS			Not Present	PASS							
Analyzed by: 294, 357, 600, 297	Weight: 0.9565g	Extraction date: 02/28/23 11:43:35	Extracted by: 712			Analyzed by: 424, 297	Weight: 0.9347g	Extraction date: 02/28/23 17:42:29	Extracted by: 395,683		
Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY						Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY					
Analytical Batch : AL000815MIC						Analytical Batch : AL000832MYC					
Instrument Used : AL-227 Tempo Reader,AL-228 Tempo Filler,AL-250 - Gene-Up						Instrument Used : N/A					
Running on : 03/01/23 10:02:12						Running on : 03/13/23 14:07:52					
Dilution : N/A						Dilution : 25					
Reagent : 021323.R26; 021323.R27						Reagent : 022723.R07; 040522.08; 102122.R01; 102122.01					
Consumables : 21/07/20; 40019						Consumables : X0039CTBWP; 309646; 11152021; 292651; 9LCJ1611R; 12265-115CC-115; 239146; 257382/ 257796; 296123225; GD220004; 16398001					
Pipette : AL-074 Fisher 1 -10 uL pipette; AL-070 - 20-200 uL pipette disp.; AL-078 - 2-20 uL pipette disp.; AL-069 100-1000 uL pipette disp.; AL-252 Bottletop dispenser						Pipette : AL-003 - Transf. S 2-20 uL; AL-009 - Transf. S 20-200 uL; AL-017 - Transf. S 100-1000 uL; AL-152 - Disp. S Org. 5-50 ml					
						Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.					

<div><div><div>Hg</div></div></div> Heavy Metals			PASSED		
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	0.1	ug/g	<LOQ	PASS	2
ARSENIC	0.1	ug/g	<LOQ	PASS	0.2
CADMIUM	0.1	ug/g	<LOQ	PASS	0.3
CHROMIUM	0.1	ug/g	<LOQ	PASS	110
COPPER	1	ug/g	18.8421	PASS	30
LEAD	0.1	ug/g	<LOQ	PASS	0.5
MERCURY	0.01	ug/g	<LOQ	PASS	0.1
NICKEL	0.1	ug/g	<LOQ	PASS	2
Analyzed by: 397, 424, 297	Weight: 0.532g	Extraction date: 03/01/23 13:38:25	Extracted by: 397,711		
Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY					
Analytical Batch : AL000810HEA			Reviewed On : 03/03/23 08:34:42		
Instrument Used : AL-079 (Inhalation)			Batch Date : 02/27/23 16:38:29		
Running on : 03/01/23 17:54:26					
Dilution : 500					
Reagent : 051122.05; 021423.R02; 022823.R01; 022823.R07; 022323.R24					
Consumables : X0039CTBWP; K200134R; 01422038; 2660615; 239146; 257382/ 257796; 12598-248CE-248E					
Pipette : AL-007 - Transf. S 20-200 uL; AL-013 - Transf. S 100-1000; AL-022 - Transf. S 1-10 ml					
AL-180- Bottletop dispenser 1-10mL; AL-197 - Single Channel Pipette, Adjustable 0.5-5mL; AL-232 - Bottletop Dispenser 0.2 - 2mL					

Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.



Certificate of Analysis

PASSED

Nightshade Farm

 686 Fox Creek Rd.
 Medusa, NY, 12120, US
 Telephone: (518) 239-6103
 Email: nightshadefarm@gmail.com

Sample : AL30227001-002

Harvest/Lot ID: 00032

Batch# : 021723

Sampled : 02/26/23

Ordered : 02/26/23

Sample Size Received : 8 units

Total Amount : 764 units

Completed : 03/15/23

Sample Method : SOP Client Method

Page 4 of 4


**Filth/Foreign
Material**
PASSED

Moisture
PASSED

Analyte	LOQ	Units	Result	P/F	Action Level
Stems (>3mm)	1	%	ND	PASS	5
Foreign Matter	0.1	%	ND	PASS	2
Mammalian excreta	0.1	mg	ND	PASS	1

Analyzed by: 395, 424, 297 Weight: 21.8787g Extraction date: 02/28/23 15:10:26 Extracted by: 395

 Analysis Method : SOP.T.40.090
 Analytical Batch : AL000813FIL
 Instrument Used : AL-113 - Stereo Microscope/ZTX-3E
 Running on : N/A
 Reviewed On : 02/28/23 17:14:42
 Batch Date : 02/28/23 08:14:57

 Dilution : N/A
 Reagent : N/A
 Consumables : N/A
 Pipette : N/A

Foreign matter inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.


Water Activity
PASSED

Analyte	LOQ	Units	Result	P/F	Action Level
Water Activity	0.1	aw	0.3	PASS	0.65

Analyzed by: 330, 424, 297 Weight: 0.2386g Extraction date: 03/01/23 09:47:29 Extracted by: 712, 719, 711

 Analysis Method : SOP.T.40.019
 Analytical Batch : AL000809WAT
 Instrument Used : AL-110 - Water Activity Meter
 Running on : N/A
 Reviewed On : 03/01/23 16:04:46
 Batch Date : 02/27/23 16:38:06

 Dilution : N/A
 Reagent : N/A
 Consumables : N/A
 Pipette : N/A

Water Activity is performed using a Rotronic HygroPalm HP 23-AW in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law

Analyte	LOQ	Units	Result	P/F	Action Level
Moisture Content	5	%	8.9	PASS	15

 Analyzed by: 683, 424, 297 Weight: 0.495g Extraction date: 03/01/23 12:42:07 Extracted by: 683
 Analysis Method : SOP.T.40.021
 Analytical Batch : AL000808MOI
 Instrument Used : AL-108 - MOC63u UL, AL-109 - MOC63u UL
 Running on : N/A
 Reviewed On : 03/01/23 14:33:48
 Batch Date : 02/27/23 16:37:44

 Dilution : N/A
 Reagent : 010722.03; 091422.07
 Consumables : 239146; 951; GD220004
 Pipette : AL-220 - Transf. S 20-200uL

Moisture Content analysis utilizing loss-on-drying technology in accordance with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.