



Certificate of Analysis

Sample:AL30301001-004

Harvest/Lot ID: 1

Batch#: LRDV-AF1

Cultivation Facility:
Processing Facility:
Distributor Facility:
Source Facility:
Seed to Sale#:
Batch Date: 02/24/23

Sample Size Received: 20 gram

Total Amount: 5000 gram

Retail Product Size: 0.5 gram

Ordered: 03/01/23

Sampled: 03/01/23

Completed: 03/14/23

Sampling Method: N/A

PASSED

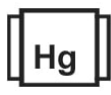
Mar 14, 2023 | MFNY
Processor/Operations

320 Mt. Airy Rd.
New Windsor, NY, 12553, US

Pages 1 of 5

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
71.2255%

Total CBD
<LOQ

Total Cannabinoids
76.43%

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
%	<LOQ	<LOQ	0.3988	<LOQ	<LOQ	<LOQ	0.8775	1.1902	<LOQ	<LOQ	51.7034	22.2601	<LOQ
mg/g	<LOQ	<LOQ	3.988	<LOQ	<LOQ	<LOQ	8.775	11.902	<LOQ	<LOQ	517.034	222.601	<LOQ
LOQ	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:
424, 397

Weight:
0.1021g

Extraction date:
03/02/23 12:17:20

Extracted by:
395,683

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

Analytical Batch : AL000814POT

Instrument Used : AL-115 (Derivative)

Running on : N/A

Reviewed On : N/A

Batch Date : 02/28/23 08:43:47

Dilution : 400

Reagent : 123021.98; 051122.05

Consumables : 309646; 210913-274-D; 11152021; 292651; 9LCJ1611R; 239146; 257382/ 257796; 300118183; 0980420

Pipette : AL-003 - Transf. S 2-20 ul; AL-006 - Transf. S 20-200 ul; AL-018 - Transf. S 100-1000 ul; AL-029 - 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.



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MFNY Processor/Operations

Sample : AL30301001-004

Harvest/Lot ID: 1

Batch# : LRDV-AF1

Sampled : 03/01/23

Ordered : 03/01/23

Sample Size Received : 20 gram

Total Amount : 5000 gram

Completed : 03/14/23

Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOQ (%)	mg/g	%	Result (%)	Terpenes	LOQ (%)	mg/g	%	Result (%)
VALENCENE	0.1	<LOQ	<LOQ		CARYOPHYLLENE OXIDE	0.04	<LOQ	<LOQ	
ALPHA-PINENE	0.1	5	0.5		BORNEOL	0.04	<LOQ	<LOQ	
TRANS-NEROLIDOL	0.1	<LOQ	<LOQ		BETA-CARYOPHYLLENE	0.04	15	1.5	
CAMPHERE	0.1	<LOQ	<LOQ		ALPHA-HUMULENE	0.04	<LOQ	<LOQ	
SABINENE	0.1	<LOQ	<LOQ		ALPHA-CEDRENE	0.04	<LOQ	<LOQ	
BETA-PINENE	0.1	1	0.1		ALPHA-BISABOOL	0.04	3	0.3	
BETA-MYRCENE	0.1	<LOQ	<LOQ		ALPHA TERPINEOL	0.04	5	0.5	
PULEGONE	0.1	<LOQ	<LOQ		Analyzed by: 424, 358				Weight: 0.25g
ALPHA-PHELLANDRENE	0.1	<LOQ	<LOQ		Extraction date: 03/06/23 12:34:11				Extracted by: 395,330
3-CARENE	0.1	<LOQ	<LOQ		Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY				
NEROL	0.1	<LOQ	<LOQ		Analytical Batch : AL000724TER				Reviewed On : 03/13/23 11:52:45
ALPHA-TERPINENE	0.1	<LOQ	<LOQ		Instrument Used : N/A				Batch Date : 02/15/23 15:35:31
LINALOOL	0.1	2	0.2		Running on : 03/02/23 08:34:17				
LIMONENE	0.1	12	1.2		Dilution : 2.5				
EUCALYPTOL	0.1	<LOQ	<LOQ		Reagent : N/A				
ISOBORNEOL	0.1	<LOQ	<LOQ		Consumables : N/A				
OCIMENE	0.1	<LOQ	<LOQ		Pipette : N/A				
GAMMA TERPINEOL	0.1	<LOQ	<LOQ		Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry.				
HEXAHYDROTHYMOL	0.1	<LOQ	<LOQ						
SABINENE HYDRATE	0.04	<LOQ	<LOQ						
GUAIOL	0.04	<LOQ	<LOQ						
TERPINOLENE	0.04	<LOQ	<LOQ						
GERANYL ACETATE	0.04	6	0.6						
FENCHONE	0.04	<LOQ	<LOQ						
GERANIOL	0.04	<LOQ	<LOQ						
GAMMA-TERPINENE	0.04	<LOQ	<LOQ						
FENCHYL ALCOHOL	0.04	1	0.1						
ISOPULEGOL	0.04	1	0.1						
CAMPOR	0.04	<LOQ	<LOQ						
CIS-NEROLIDOL	0.04	6	0.6						
CEDROL	0.04	<LOQ	<LOQ						
Total (%)				5.7					



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Harvest/Lot ID: 1

 320 Mt. Airy Rd.
 New Windsor, NY, 12553, US
 Telephone: 8334206369
 Email: Louis@mfny.co

 Batch# : LRDV-AF1
 Sampled : 03/01/23
 Ordered : 03/01/23

 Sample Size Received : 20 gram
 Total Amount : 5000 gram
 Completed : 03/14/23
 Sample Method : SOP Client Method

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<div>Pesticides</div>						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	PHOSMET	0.1	ppm	0.2	PASS	<LOQ
INDOLE-3-BUTYRIC ACID	0.1	ppm	1	PASS	<LOQ	PRALLETHRIN	0.1	ppm	0.2	PASS	<LOQ
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<LOQ	PROPICONAZOLE	0.1	ppm	0.4	PASS	<LOQ
PIPERONYL BUTOXIDE	0.1	ppm	2	PASS	<LOQ	PROPOXUR	0.1	ppm	0.2	PASS	<LOQ
ABAMECTIN B1A	0.1	ppm	0.5	PASS	<LOQ	PYRIDABEN	0.1	ppm	0.2	PASS	<LOQ
ACEPHATE	0.1	ppm	0.4	PASS	<LOQ	SPINETORAM, TOTAL	0.1	ppm	1	PASS	<LOQ
ACEQUINOCYL	0.1	ppm	2	PASS	<LOQ	SPINOSAD, TOTAL	0.1	ppm	0.2	PASS	<LOQ
ACETAMIPRID	0.1	ppm	0.2	PASS	<LOQ	SPIROMESIFEN	0.1	ppm	0.2	PASS	<LOQ
ALDICARB	0.1	ppm	0.4	PASS	<LOQ	SPIROTETRAMAT	0.1	ppm	0.2	PASS	<LOQ
AZOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ	SPIROXAMINE	0.1	ppm	0.2	PASS	<LOQ
CHLORMEQUAT CHLORIDE	0.1	ppm	1	PASS	<LOQ	TEBUCONAZOLE	0.1	ppm	0.4	PASS	<LOQ
BIFENAZATE	0.1	ppm	0.2	PASS	<LOQ	THIACLOPRID	0.1	ppm	0.2	PASS	<LOQ
BIFENTHRIN	0.1	ppm	0.2	PASS	<LOQ	THIAMETHOXAM	0.1	ppm	0.2	PASS	<LOQ
CARBARYL	0.1	ppm	0.2	PASS	<LOQ	TRIFLOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ
COUMAPHOS	0.1	ppm	1	PASS	<LOQ	CAPTAN *	0.1	ppm	1	PASS	<LOQ
CHLORPYRIFOS	0.1	ppm	0.2	PASS	<LOQ	CHLORDANE *	0.1	ppm	1	PASS	<LOQ
DAMINOZIDE	0.1	ppm	1	PASS	<LOQ	CHLORFENAPYR *	0.1	ppm	1	PASS	<LOQ
BOSCALID	0.1	ppm	0.4	PASS	<LOQ	CYFLUTHRIN *	0.1	ppm	1	PASS	<LOQ
CARBOFURAN	0.1	ppm	0.2	PASS	<LOQ	CYPERMETHRIN *	0.1	ppm	1	PASS	<LOQ
CHLORANTRANILIPROLE	0.1	ppm	0.2	PASS	<LOQ	METHYL PARATHION *	0.1	ppm	0.1	PASS	<LOQ
CLOFENTZINE	0.1	ppm	0.2	PASS	<LOQ	MGK-264 *	0.1	ppm	0.2	PASS	<LOQ
DIAZINON	0.1	ppm	0.2	PASS	<LOQ	PENTACHLORONITROBENZENE *	0.1	ppm	1	PASS	<LOQ
DICHLORVOS	0.1	ppm	1	PASS	<LOQ						
DIMETHOATE	0.1	ppm	0.2	PASS	<LOQ	Analyzed by:	Weight:	Extraction date:	Extracted by:		
DIMETHOMORPH	0.1	ppm	1	PASS	<LOQ	395, 730, 509, 424	0.4606g	03/03/23 12:19:15	395		
ETHOPROPHOS	0.1	ppm	0.2	PASS	<LOQ						
ETOFENPROX	0.1	ppm	0.4	PASS	<LOQ	Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
ETOXAZOLE	0.1	ppm	0.2	PASS	<LOQ	Analytical Batch : AL000824PES			Reviewed On : 03/13/23 12:16:33		
FENHEXAMID	0.1	ppm	1	PASS	<LOQ	Instrument Used : AL-276 - LCMSMS			Batch Date : 03/01/23 08:32:37		
FENOXYCARB	0.1	ppm	0.2	PASS	<LOQ	Running on : N/A					
FENPYROXIMATE	0.1	ppm	0.4	PASS	<LOQ	Dilution : 25					
FIPRONIL	0.1	ppm	0.4	PASS	<LOQ	Reagent : 022723.R07; 040522.08; 102122.R01; 102122.01					
FLONICAMID	0.1	ppm	1	PASS	<LOQ	Consumables : X0039CTBWP; 309646; 11152021; 292651; 9LCJ1611R; 12265-115CC-115; 239146;					
FLUDIOXONIL	0.1	ppm	0.4	PASS	<LOQ	257382/ 257796; 296123225; GD220004; 16398001					
HEXYTHIAZOX	0.1	ppm	1	PASS	<LOQ	Pipette : AL-003 - Transf. S 2-20 ul; AL-009 - Transf. S 20-200 ul; AL-017 - Transf. S 100-1000 ul; AL-152 -					
IMAZALIL	0.1	ppm	0.2	PASS	<LOQ	Disp. S Org. 5-50 ml					
IMIDACLOPRID	0.1	ppm	0.4	PASS	<LOQ	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.					
KRESOXIM METHYL	0.1	ppm	0.4	PASS	<LOQ	Analyzed by:	Weight:	Extraction date:	Extracted by:		
MALATHION	0.1	ppm	0.2	PASS	<LOQ	424	0.4606g	03/03/23 12:19:15	395		
METALAXYL	0.1	ppm	0.2	PASS	<LOQ	Analysis Method : SOP.T.40.154.NY					
METHIOCARB	0.1	ppm	0.2	PASS	<LOQ	Analytical Batch : AL000851VOL			Reviewed On : 03/14/23 11:13:54		
METHOMYL	0.1	ppm	0.4	PASS	<LOQ	Instrument Used : N/A			Batch Date : 03/03/23 13:39:28		
MEVINPHOS	0.1	ppm	1	PASS	<LOQ	Running on : 03/10/23 08:27:30					
NALED	0.1	ppm	0.5	PASS	<LOQ	Dilution : 25					
OXAMYL	0.1	ppm	1	PASS	<LOQ	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.					



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PASSED

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 320 Mt. Airy Rd.
 New Windsor, NY, 12553, US
 Telephone: 8334206369
 Email: Louis@mfny.co

 Sample : AL30301001-004
 Harvest/Lot ID: 1

 Batch# : LRDV-AF1
 Sampled : 03/01/23
 Ordered : 03/01/23

Sample Size Received : 20 gram

Total Amount : 5000 gram

Completed : 03/14/23

Sample Method : SOP Client Method

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Residual Solvents

PASSED

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
DIMETHYL SULFOXIDE (DSMO)	900	ppm	5000	PASS	<LOQ
1,1,1-TRICHLOROETHANE	500	ppm	1500	PASS	<LOQ
HEXANE, TOTAL	208.4	ppm	290	PASS	<LOQ
PENTANES, TOTAL	2700	ppm	5000	PASS	<LOQ
BUTANES, TOTAL	1800	ppm	5000	PASS	<LOQ
XYLENES, TOTAL	1171.8	ppm	2170	PASS	<LOQ
1,2-DICHLOROETHANE	1	ppm	5	PASS	<LOQ
PROPANE	900	ppm	5000	PASS	<LOQ
METHANOL	540	ppm	3000	PASS	<LOQ
ETHANOL	900	ppm	5000	PASS	<LOQ
ETHYL ETHER	900	ppm	5000	PASS	<LOQ
ACETONE	180	ppm	5000	PASS	<LOQ
2-PROPANOL	900	ppm	5000	PASS	<LOQ
ACETONITRILE	73.8	ppm	410	PASS	<LOQ
DICHLOROMETHANE	108	ppm	600	PASS	<LOQ
ETHYL ACETATE	900	ppm	5000	PASS	<LOQ
BENZENE	0.45	ppm	2	PASS	<LOQ
N-HEPTANE	900	ppm	5000	PASS	<LOQ
TOLUENE	160.2	ppm	890	PASS	<LOQ
CHLOROFORM	10.8	ppm	60	PASS	<LOQ

 Analyzed by:
 424

 Weight:
 0.0191g

 Extraction date:
 03/13/23 18:37:50

 Extracted by:
 424

 Analysis Method : SOP.T.40.044.NY
 Analytical Batch : AL000836SOL
 Instrument Used : AL-124 - ISQ7000
 Running on : 03/13/23 13:36:23

 Reviewed On : 03/14/23 11:37:51
 Batch Date : 03/02/23 09:00:55

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

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.



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 New Windsor, NY, 12553, US
 Telephone: 8334206369
 Email: Louis@mfny.co

Sample : AL30301001-004

Harvest/Lot ID: 1

Batch# : LRDV-AF1

Sampled : 03/01/23

Ordered : 03/01/23



Sample Size Received : 20 gram

Total Amount : 5000 gram

Completed : 03/14/23

Sample Method : SOP Client Method

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<div>Microbial</div> <div>PASSED</div>						<div><div></div>Mycotoxins</div> <div>PASSED</div>					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AEROBIC BACTERIA	10	CFU/g	<100	PASS	10000	AFLATOXIN G2	0.0025	ppm	<LOQ	PASS	0.02
TOTAL YEAST AND MOLD	10	CFU/g	<100	PASS	1000	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, 600, 357, 424	Weight: 0.8639g	Extraction date: 03/02/23 11:27:41	Extracted by: 712			Analyzed by: 730, 509, 424	Weight: 0.4606g	Extraction date: 03/03/23 12:19:15	Extracted by: 395		
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 : AL000838MIC						Analytical Batch : AL000850MYC					
Instrument Used : AL-227 Tempo Reader,AL-228 Tempo Filler,AL-250 - Gene-Up,AL-251 - Talboys Heavy Duty Vortex						Instrument Used : AL-131 - Vanquish					
Running on : 03/03/23 14:29:20						Running on : 03/10/23 18:59:49					
Dilution : N/A						Dilution : 25					
Reagent : N/A						Reagent : 022723.R07; 040522.08; 102122.R01; 102122.01					
Consumables : N/A						Consumables : X0039CTBWP; 309646; 11152021; 292651; 9LCJ1611R; 12265-115CC-115; 239146; 257382/ 257796; 296123225; GD220004; 16398001					
Pipette : N/A						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.											

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	<LOQ	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	Weight: 0.3401g	Extraction date: 03/02/23 12:47:36		Extracted by: 397,330	
Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY					
Analytical Batch : AL000823HEA					
Instrument Used : AL-079 (Inhalation)					
Running on : 03/03/23 15:48:52					
Dilution : 50					
Reagent : N/A					
Consumables : N/A					
Pipette : N/A					

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.