



# Certificate of Analysis

## FOR COMPLIANCE

Sample:AL40207005-001  
Batch#: 4033EVPPB01  
Seed to Sale# BioTrack  
Sample Size Received: 20 units  
Total Amount: 500 units  
Retail Product Size: .5 gram  
Sampled: 02/07/24 09:20 AM  
Sampling Start: 09:20 AM  
Sampling End: 09:40 AM  
Sampling Method: SOP.T.20.010.NY

**PASSED**

Pages 1 of 6

Lunulata

License # : OCM-AUCP-22-000005

16 Vatrano Rd  
Albany, NY, 12205, US

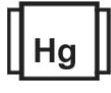
PRODUCT IMAGE



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  
**67.4688%**  
Total THC/Container : 337.344 mg



Total CBD  
**<0.1000**  
Total CBD/Container : 0.000 mg



Total Cannabinoids  
**81.3839%**  
Total Cannabinoids/Container : 406.920 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	DB-THC	D9-THC	THCA	THCV
%	<0.1000	<0.1000	7.4238	<0.1000	<0.1000	<0.1000	4.3631	0.3600	<0.1000	<0.1000	67.2818	0.2133	1.7419
mg/unit	<0.500	<0.500	37.119	<0.500	<0.500	<0.500	21.816	1.800	<0.500	<0.500	336.409	1.067	8.710
LOQ	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Weight:  
0.1031g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 02/08/24 16:32:16

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**Erica Troy**

Lab Director

NY Permit # OCM-CPL-2022-00006  
ISO 17025 Accreditation # 97164



Signature  
02/13/24



# Certificate of Analysis

**PASSED**

Lunulata

16 Vatrano Rd  
Albany, NY, 12205, US  
Telephone: 6197501278  
Email: eric@gmtrading.com  
License # : OCM-AUCP-22-000005

Sample : AL40207005-001

Batch# : 4033EVPB01  
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Page 2 of 6

Terpenes				TESTED					
Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)
BETA-CARYOPHYLLENE	0.00	11.7	2.33		BETA-CARYOPHYLLENE	0.00	11.7	2.33	
LIMONENE	0.00	7.4	1.48		LIMONENE	0.00	7.4	1.48	
ALPHA-HUMULENE	0.00	4.5	0.89		ALPHA-HUMULENE	0.00	4.5	0.89	
BETA-MYRCENE	0.00	3.3	0.66		BETA-MYRCENE	0.00	3.3	0.66	
LINALOOL	0.00	2.2	0.43		LINALOOL	0.00	2.2	0.43	
ALPHA TERPINEOL	0.00	1.7	0.33		ALPHA TERPINEOL	0.00	1.7	0.33	
FENCHYL ALCOHOL	0.00	1.3	0.26		FENCHYL ALCOHOL	0.00	1.3	0.26	
BETA-PINENE	0.00	0.9	0.17		BETA-PINENE	0.00	0.9	0.17	
ALPHA-PINENE	0.00	0.7	0.14		ALPHA-PINENE	0.00	0.7	0.14	
VALENCENE	0.00	0.6	0.12		VALENCENE	0.00	0.6	0.12	
CARYOPHYLLENE OXIDE	0.00	0.4	0.07		CARYOPHYLLENE OXIDE	0.00	0.4	0.07	
OCIMENE	0.00	0.2	0.04		OCIMENE	0.00	0.2	0.04	
CAMPHENE	0.00	0.2	0.03		CAMPHENE	0.00	0.2	0.03	
TERPINOLENE	0.00	0.2	0.03		TERPINOLENE	0.00	0.2	0.03	
GERANIOL	0.00	0.1	0.01		GERANIOL	0.00	0.1	0.01	
FARNESENE	0.10	<0.5	<0.10		FARNESENE	0.10	<0.5	<0.10	
GUAJOL	0.00	<0.0	<0.00		GUAJOL	0.00	<0.0	<0.00	
ALPHA-BISABOLOL	0.00	<0.0	<0.00		ALPHA-BISABOLOL	0.00	<0.0	<0.00	
MENTHOL	0.00	<0.0	<0.00		MENTHOL	0.00	<0.0	<0.00	
ALPHA-PHELLANDRENE	0.00	<0.0	<0.00		ALPHA-PHELLANDRENE	0.00	<0.0	<0.00	
ALPHA-TERPINENE	0.00	<0.0	<0.00		ALPHA-TERPINENE	0.00	<0.0	<0.00	
<b>Total (%)</b>			<b>6.99</b>		<b>Total (%)</b>			<b>6.99</b>	

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**Erica Troy**  
Lab Director

NY Permit # OCM-CPL-2022-00006  
ISO 17025 Accreditation # 97164

Signature  
02/13/24



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Lunulata

Sample : AL40207005-001

 16 Vatrano Rd  
 Albany, NY, 12205, US  
 Telephone: 6197501278  
 Email: eric@gmtrading.com  
 License # : OCM-AUCP-22-000005

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## 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	<0.1	PACLOBUTRAZOL	0.1	ppm	0.4	PASS	<0.1
AZADIRACHTIN	0.1	ppm	1	PASS	<0.1	PERMETHRIN	0.1	ppm	0.2	PASS	<0.1
INDOLE-3-BUTYRIC ACID	0.1	ppm	1	PASS	<0.1	PHOSMET	0.1	ppm	0.2	PASS	<0.1
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<0.1	PRALLETHRIN	0.1	ppm	0.2	PASS	<0.1
PIPERONYL BUTOXIDE	0.1	ppm	2	PASS	<0.1	PROPICONAZOLE	0.1	ppm	0.4	PASS	<0.1
ABAMECTIN B1A	0.1	ppm	0.5	PASS	<0.1	PROPOXUR	0.1	ppm	0.2	PASS	<0.1
ACEPHATE	0.1	ppm	0.4	PASS	<0.1	PYRIDABEN	0.1	ppm	0.2	PASS	<0.1
ACEQUINOCYL	0.1	ppm	2	PASS	<0.1	SPINETORAM, TOTAL	0.1	ppm	1	PASS	<0.1
ACETAMIPRID	0.1	ppm	0.2	PASS	<0.1	SPINOSAD, TOTAL	0.1	ppm	0.2	PASS	<0.1
ALDICARB	0.1	ppm	0.4	PASS	<0.1	SPIROMESIFEN	0.1	ppm	0.2	PASS	<0.1
AZOXYSTROBIN	0.1	ppm	0.2	PASS	<0.1	SPIROTETRAMAT	0.1	ppm	0.2	PASS	<0.1
CHLORMEQUAT CHLORIDE	0.1	ppm	1	PASS	<0.1	SPIROXAMINE	0.1	ppm	0.2	PASS	<0.1
BIFENAZATE	0.1	ppm	0.2	PASS	<0.1	TEBUCONAZOLE	0.1	ppm	0.4	PASS	<0.1
BIFENTHRIN	0.1	ppm	0.2	PASS	<0.1	THIACLOPRID	0.1	ppm	0.2	PASS	<0.1
CARBARYL	0.1	ppm	0.2	PASS	<0.1	THIAMETHOXAM	0.1	ppm	0.2	PASS	<0.1
COUMAPHOS	0.1	ppm	1	PASS	<0.1	TRIFLOXYSTROBIN	0.1	ppm	0.2	PASS	<0.1
CHLORPYRIFOS	0.1	ppm	0.2	PASS	<0.1	CAPTAN *	0.1	ppm	1	PASS	<0.1
DAMINOZIDE	0.1	ppm	1	PASS	<0.1	CHLORDANE *	0.1	ppm	1	PASS	<0.1
BOSCALID	0.1	ppm	0.4	PASS	<0.1	CHLORFENAPYR *	0.1	ppm	1	PASS	<0.1
CARBOFURAN	0.1	ppm	0.2	PASS	<0.1	CYFLUTHRIN *	0.1	ppm	1	PASS	<0.1
CHLORANTRANILIPROLE	0.1	ppm	0.2	PASS	<0.1	CYPERMETHRIN *	0.1	ppm	1	PASS	<0.1
CLOFENTEZINE	0.1	ppm	0.2	PASS	<0.1	METHYL PARATHION *	0.1	ppm	0.2	PASS	<0.1
DIAZINON	0.1	ppm	0.2	PASS	<0.1	MGK-264 *	0.1	ppm	0.2	PASS	<0.1
DICHLORVOS	0.1	ppm	1	PASS	<0.1	PENTACHLORONITROBENZENE *	0.1	ppm	1	PASS	<0.1
DIMETHOATE	0.1	ppm	0.2	PASS	<0.1						
DIMETHOMORPH	0.1	ppm	1	PASS	<0.1	Weight:					
ETHOPROPHOS	0.1	ppm	0.2	PASS	<0.1	0.4561g					
ETOFENPROX	0.1	ppm	0.4	PASS	<0.1	Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
ETOXAZOLE	0.1	ppm	0.2	PASS	<0.1	Analyzed Date : 02/10/24 18:54:55					
FENHEXAMID	0.1	ppm	1	PASS	<0.1						
FENOXYCARB	0.1	ppm	0.2	PASS	<0.1	Weight:					
FENPYROXIMATE	0.1	ppm	0.4	PASS	<0.1	0.4561g					
FIPRONIL	0.1	ppm	0.4	PASS	<0.1	Analysis Method : SOP.T.40.154.NY					
FLONICAMID	0.1	ppm	1	PASS	<0.1	Analyzed Date : 02/10/24 18:54:50					
FLUDIOXONIL	0.1	ppm	0.4	PASS	<0.1						
HEXYTHIAZOX	0.1	ppm	1	PASS	<0.1						
IMAZALIL	0.1	ppm	0.2	PASS	<0.1						
IMIDACLOPRID	0.1	ppm	0.4	PASS	<0.1						
KRESOXIM METHYL	0.1	ppm	0.4	PASS	<0.1						
MALATHION	0.1	ppm	0.2	PASS	<0.1						
METALAXYL	0.1	ppm	0.2	PASS	<0.1						
METHIOCARB	0.1	ppm	0.2	PASS	<0.1						
METHOMYL	0.1	ppm	0.4	PASS	<0.1						
MEVINPHOS	0.1	ppm	1	PASS	<0.1						
NALED	0.1	ppm	0.5	PASS	<0.1						
OXAMYL	0.1	ppm	1	PASS	<0.1						

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**Erica Troy**

Lab Director

 NY Permit # OCM-CPL-2022-00006  
 ISO 17025 Accreditation # 97164



 Signature  
 02/13/24




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**Lunulata**

 16 Vatrano Rd  
 Albany, NY, 12205, US  
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 Email: eric@gmtrading.com  
 License # : OCM-AUCP-22-000005

**Sample : AL40207005-001**
**Batch# : 4033EVPB01**  
**Sampled : 02/07/24 09:20 AM**
**Sample Size Received : 20 units**  
**Total Amount : 500 units**  
**Sampling Method : SOP.T.20.010.NY**

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## Residual Solvents

PASSED

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
DIMETHYL SULFOXIDE	750.0	ppm	5000	PASS	<750.0
1,1,1-TRICHLOROETHANE	225.0	ppm	1500	PASS	<225.0
HEXANE, TOTAL	625.0	ppm	290	PASS	<625.0
PENTANES, TOTAL	375.0	ppm	5000	PASS	<375.0
BUTANES, TOTAL	1800.0	ppm	5000	PASS	<1800.0
XYLENES, TOTAL	250.0	ppm	2170	PASS	<250.0
1,2-DICHLOROETHANE	0.5	ppm	5	PASS	<0.5
PROPANE	900.0	ppm	5000	PASS	<900.0
METHANOL	125.0	ppm	3000	PASS	<125.0
ETHANOL	125.0	ppm	5000	PASS	<125.0
ETHYL ETHER	125.0	ppm	5000	PASS	<125.0
ACETONE	125.0	ppm	5000	PASS	<125.0
2-PROPANOL	125.0	ppm	5000	PASS	<125.0
ACETONITRILE	125.0	ppm	410	PASS	<125.0
DICHLOROMETHANE	125.0	ppm	600	PASS	<125.0
ETHYL ACETATE	125.0	ppm	5000	PASS	<125.0
BENZENE	0.5	ppm	2	PASS	<0.5
N-HEPTANE	125.0	ppm	5000	PASS	<125.0
TOLUENE	125.0	ppm	890	PASS	<125.0
CHLOROFORM	0.5	ppm	60	PASS	<0.5

**Weight:**  
 0.0235g

**Analysis Method :** SOP.T.40.044.NY  
**Analyzed Date :** 02/09/24 15:55:39

**Erica Troy**

Lab Director

 NY Permit # OCM-CPL-2022-00006  
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 Signature  
 02/13/24





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
**PASSED**
**Lunulata**

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 License # : OCM-AUCP-22-000005

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**Sampling Method :** SOP.T.20.010.NY

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 <b>Microbial</b> <span style="float: right;"><b>PASSED</b></span>						 <b>Mycotoxins</b> <span style="float: right;"><b>PASSED</b></span>					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AEROBIC BACTERIA	100	CFU/g	<100	PASS	10000	AFLATOXIN G2	0.003	ppm	<0.003	PASS	0.02
TOTAL YEAST AND MOLD	100	CFU/g	<100	PASS	1000	AFLATOXIN G1	0.003	ppm	<0.003	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.003	ppm	<0.003	PASS	0.02
SALMONELLA SPECIES			Not Present	PASS		AFLATOXIN B1	0.003	ppm	<0.003	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		OCHRATOXIN A+	0.010	ppm	<0.010	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.003	ppm	<0.003	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS							
ASPERGILLUS FUMIGATUS			Not Present	PASS							
<b>Weight:</b> 1.0003g						<b>Weight:</b> 0.4561g					
<b>Analysis Method :</b> SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY <b>Analyzed Date :</b> 02/08/24 12:35:57						<b>Analysis Method :</b> SOP.T.30.104.NY, SOP.T.40.104.NY <b>Analyzed Date :</b> 02/10/24 18:54:54					

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	0.1000	ug/g	<0.1000	PASS	2
ARSENIC	0.1000	ug/g	<0.1000	PASS	0.2
CADMIUM	0.1000	ug/g	<0.1000	PASS	0.3
CHROMIUM	1.0000	ug/g	<1.0000	PASS	110
COPPER	1.0000	ug/g	2.8897	PASS	30
LEAD	0.1000	ug/g	<0.1000	PASS	0.5
MERCURY	0.0100	ug/g	<0.0100	PASS	0.1
NICKEL	0.1000	ug/g	0.3278	PASS	2
<b>Weight:</b> 0.4118g					
<b>Analysis Method :</b> SOP.T.30.084.NY, SOP.T.40.084.NY <b>Analyzed Date :</b> 02/09/24 16:04:32					



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Sampling Method : SOP.T.20.010.NY

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**Homogeneity** **PASSED**

Analyte	LOQ	Units	Pass/Fail	Result	Action Level
HOM1 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	0.99	25
HOM1 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM2 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	3.34	25
HOM2 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM3 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	5.81	25
HOM3 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM4 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	4.39	25
HOM4 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25
HOM5 TOTAL THC PERCENT DIFFERENCE	0.01	%	PASS	12.54	25
HOM5 TOTAL CBD PERCENT DIFFERENCE	0.01	%	PASS	ND	25

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 02/08/24 16:32:16

Homogeneity testing is performed utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39.

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