



# Certificate of Analysis

## FOR COMPLIANCE

Sample:AL30804002-001  
Batch#: 20230626GM010H  
Seed to Sale# na  
Sample Size Received: 13 units  
Total Amount: 2000 units  
Retail Product Size: 32 gram  
Sampled: 08/04/23 11:45 AM  
Sampling Start: 11:45 AM  
Sampling End: 11:45 AM  
Sampling Method: SOP.T.20.010.NY

**PASSED**

Pages 1 of 5

Lunulata

License # : OCM-AUCP-22-000005

16 Vatrano Rd  
Albany, NY, 12205, US

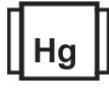
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**NOT TESTED**



Water Activity  
**PASSED**



Moisture  
**NOT TESTED**



Terpenes  
**NOT TESTED**

MISC.



Cannabinoid

**PASSED**



Total THC

**0.0729%**

Total THC/Container : 23.328 mg



Total CBD

**0.1460%**

Total CBD/Container : 46.720 mg



Total Cannabinoids

**0.3610%**

Total Cannabinoids/Container : 115.520 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
%	<LOQ	<LOQ	0.0057	0.1460	<LOQ	0.0009	0.1348	<LOQ	0.0007	<LOQ	0.0729	<LOQ	<LOQ
mg/unit	<LOQ	<LOQ	1.824	46.720	<LOQ	0.288	43.136	<LOQ	0.224	<LOQ	23.328	<LOQ	<LOQ
LOQ	0.0006	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
	%	%	%	%	%	%	%	%	%	%	%	%	%

Weight:  
3.0658g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 08/04/23 15:16:56

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Erica Troy

Lab Director

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



Signature  
08/08/23



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Lunulata

Sample : AL30804002-001

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

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Page 2 of 5



## 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
AZADIRACTHIN	0.1	ppm	1	PASS	<LOQ	PERMETHRIN	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	0.2	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	Weight:					
ETHOPROPHOS	0.1	ppm	0.2	PASS	<LOQ	0.493g					
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	Analyzed Date : 08/03/23 16:46:57					
FENHEXAMID	0.1	ppm	1	PASS	<LOQ						
FENOXYCARB	0.1	ppm	0.2	PASS	<LOQ	Weight:					
FENPYROXIMATE	0.1	ppm	0.4	PASS	<LOQ	NA					
FIPRONIL	0.1	ppm	0.4	PASS	<LOQ	Analysis Method : SOP.T.40.154.NY					
FLONICAMID	0.1	ppm	1	PASS	<LOQ	Analyzed Date : 08/03/23 16:48:02					
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						

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**Erica Troy**

Lab Director

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



 Signature  
 08/08/23



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**Lunulata**

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

**Sample : AL30804002-001**
**Batch# : 20230626GM010H**  
**Sampled : 08/04/23**
**Sample Size Received : 13 units**
**Total Amount : 2000 units**
**Sample Method : SOP Client Method**

Page 3 of 5



## Residual Solvents

PASSED

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
DIMETHYL SULFOXIDE	750.00	ppm	5000	PASS	<LOQ
1,1,1-TRICHLOROETHANE	225.00	ppm	1500	PASS	<LOQ
HEXANE, TOTAL	208.40	ppm	290	PASS	<LOQ
PENTANES, TOTAL	2700.00	ppm	5000	PASS	<LOQ
BUTANES, TOTAL	1800.00	ppm	5000	PASS	<LOQ
XYLENES, TOTAL	1171.80	ppm	2170	PASS	<LOQ
1,2-DICHLOROETHANE	1.00	ppm	5	PASS	<LOQ
PROPANE	900.00	ppm	5000	PASS	<LOQ
METHANOL	540.00	ppm	3000	PASS	<LOQ
ETHANOL	900.00	ppm	5000	PASS	<LOQ
ETHYL ETHER	900.00	ppm	5000	PASS	<LOQ
ACETONE	180.00	ppm	5000	PASS	<LOQ
2-PROPANOL	900.00	ppm	5000	PASS	<LOQ
ACETONITRILE	73.80	ppm	410	PASS	<LOQ
DICHLOROMETHANE	108.00	ppm	600	PASS	<LOQ
ETHYL ACETATE	900.00	ppm	5000	PASS	<LOQ
BENZENE	0.45	ppm	2	PASS	<LOQ
N-HEPTANE	900.00	ppm	5000	PASS	<LOQ
TOLUENE	160.20	ppm	890	PASS	<LOQ
CHLOROFORM	10.80	ppm	60	PASS	<LOQ

**Weight:**  
 0.0206g

**Analysis Method :** SOP.T.40.044.NY  
**Analyzed Date :** 08/04/23 14:18:51

**Erica Troy**

Lab Director

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 Signature  
 08/08/23



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Lunulata


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Page 4 of 5

 <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	10	CFU/g	<LOQ	PASS	10000	AFLATOXIN G2	0.003	ppm	<LOQ	PASS	0.02
TOTAL YEAST AND MOLD	10	CFU/g	<LOQ	PASS	1000	AFLATOXIN G1	0.003	ppm	<LOQ	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.003	ppm	<LOQ	PASS	0.02
SALMONELLA SPECIES			Not Present	PASS		AFLATOXIN B1	0.003	ppm	<LOQ	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		OCHRATOXIN A+	0.010	ppm	<LOQ	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.003	ppm	<LOQ	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS							
ASPERGILLUS FUMIGATUS			Not Present	PASS							
Weight: 1.0702g						Weight: NA					
Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY Analyzed Date : 08/04/23 14:06:53						Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY Analyzed Date : 08/03/23 16:47:56					

 <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	<LOQ	PASS	120
ARSENIC	0.1000	ug/g	<LOQ	PASS	1.5
CADMIUM	0.1000	ug/g	<LOQ	PASS	0.5
CHROMIUM	1.0000	ug/g	<LOQ	PASS	1100
COPPER	1.0000	ug/g	<LOQ	PASS	300
LEAD	0.1000	ug/g	<LOQ	PASS	0.5
MERCURY	0.0100	ug/g	<LOQ	PASS	3
NICKEL	0.1000	ug/g	0.1854	PASS	20
Weight: 0.5122g					
Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY Analyzed Date : 08/04/23 16:32:42					



1 Winners Circle  
Albany, NY, 12205, US  
(833) 465-8378

Kaycha Labs

Good Morning Gummies  
n/a  
Matrix : Edible  
Type: Gummy



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Sample Method : SOP Client Method

Page 5 of 5

 **Water Activity** **PASSED**

**Homogeneity** **PASSED**

Analyte	LOQ	Units	Result	P/F	Action Level
Water Activity	0.10	aw	0.46	PASS	0.85

Weight:  
0.5156g

Analysis Method : SOP.T.40.019  
Analyzed Date : 08/04/23 15:17:27

Analyte	LOQ	Units	Pass/Fail	Result	Action Level
TOTAL CBD RSD (HOMOGENEITY)	0.1000	%	PASS	2.3175	25
TOTAL THC RSD (HOMOGENEITY)	0.1000	%	PASS	2.3114	25

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 08/04/23 15:16:56

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

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