



Certificate of Analysis

Sample: 2310ACTNY3199.7905

Kimberly Krisolofsky

10/24/2023

Kimberly Krisolofsky
Lead Technical Director

Date

Lunulata LLC

 16 Vatrano Rd.
 Albany, NY 12205
 david@verdelucido.com
 (207) 406-0646


Sample: 2310ACTNY3199.7905

 Strain: 64g Milk Chocolate Bar
 Batch#: 3231OHMC01; Batch Size: 1016 units
 Sample Received: 10/13/2023 12:30
 Report Created: 10/24/2023 10:55 pm
 Sampling SOP 204-NY

64g Milk Chocolate Bar

Ingestible, Chocolate, Other



	<h3>5.53 mg/dose</h3> <p>Total THC</p>	<h3>5.51 mg/dose</h3> <p>Total CBD</p>	<h3>11.04 mg/dose</h3> <p>Total Cannabinoids</p>
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Cannabinoids

 Method SOP 801-NY
 Date/Time Tested: 10/17/2023 11:20

Complete

Analyte	LOQ		
	ug/mL	mg/g	mg/dose
CBDV	0.50	ND	ND
CBDa	0.50	ND	ND
CBGa	0.50	ND	ND
CBG	0.50	<LOQ	<LOQ
CBD	0.50	0.69	5.51
THCV	0.50	ND	ND
CBN	0.50	ND	ND
CBNa	0.50	ND	ND
Δ9-THC	0.50	0.69	5.53
Δ8-THC	0.50	ND	ND
(6aR,9S)-d10-THC	0.50	ND	ND
(6aR,9R)-d10-THC	0.50	ND	ND
CBC	0.50	<LOQ	<LOQ
THCa	0.50	ND	ND
Total		1.38	11.04

Notes:

Total THC = THCa * 0.877 + Δ8-THC + Δ9-THC + (6aR,9S)-d10-THC + (6aR,9R)-d10-THC
 Total CBD = CBDa * 0.877 + CBD
 Total Cannabinoids = Sum of all cannabinoids
 LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. OCMPPCL-2022-00001. Cannabinoid potency values for flower type products are reported by percentage of dry weight determined via loss on drying; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. All results were generated by ISO certified methods to fulfill state testing requirements.

ND = Not Detected; NT = Not Tested; NR = Not Reported


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Ingestible, Chocolate, Other



Residual Solvents

 SOP 612-NY
 Date/Time Tested: 10/18/2023 14:56

Pass

Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
1,1,1-Trichloro-Ethane		1500	ND	Pass
1,2-Dichloro-Ethane	2	5	ND	Pass
Acetone	4	5000	10	Pass
Acetonitrile	2	410	ND	Pass
Benzene	2	2	ND	Pass
Butanes	40	5000	ND	Pass
Chloroform	2	60	ND	Pass
Dichloromethane	2	600	ND	Pass
Dimethyl Sulfoxide		5000	ND	Pass
Ethanol	20	5000	<LOQ	Pass
Ethyl-Acetate	20	5000	ND	Pass
Ethyl-Ether	20	5000	ND	Pass
Heptane	20	5000	ND	Pass
Hexanes	6	290	ND	Pass
Isopropanol	20	5000	ND	Pass
Methanol	12	3000	<LOQ	Pass
Pentanes	60	5000	ND	Pass
Propane	20	5000	ND	Pass
Toluene	4	890	ND	Pass
Xylenes	26	2170	ND	Pass

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 Sampling SOP 204-NY

64g Milk Chocolate Bar

Ingestible, Chocolate, Other



Pesticides

 SOP 814-NY
 Date/Time Tested: 10/18/2023 19:05

Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Abamectin	0.50	0.39	ND	Pass
Acephate	0.40	0.10	ND	Pass
Acequinocyl	2.00	0.10	ND	Pass
Acetamiprid	0.20	0.10	ND	Pass
Aldicarb	0.40	0.10	ND	Pass
Azadirachtin	1.00	0.08	ND	Pass
Azoxystrobin	0.20	0.10	ND	Pass
Bifenazate	0.20	0.10	ND	Pass
Bifenthrin	0.20	0.10	ND	Pass
Boscalid	0.40	0.10	ND	Pass
Captan	1.00		TIC	Pass
Carbaryl	0.20	0.10	ND	Pass
Carbofuran	0.20	0.10	ND	Pass
Chlorantraniliprole	0.20	0.10	ND	Pass
Chlordane	1.00	0.10	ND	Pass
Chlorfenapyr	1.00	0.10	ND	Pass
Chlormequat chloride	1.00		TIC	Pass
Chlorpyrifos	0.20	0.10	ND	Pass
Clofentezine	0.20	0.10	ND	Pass
Coumaphos	1.00	0.10	ND	Pass
Cyfluthrin	1.00	0.50	ND	Pass
Cypermethrin	1.00	0.10	ND	Pass
Daminozide	1.00	0.10	ND	Pass
Diazinon	0.20	0.10	ND	Pass
Dichlorvos	1.00	0.10	ND	Pass

Notes:

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 Sampling SOP 204-NY

64g Milk Chocolate Bar

Ingestible, Chocolate, Other



Pesticides

 SOP 814-NY
 Date/Time Tested: 10/18/2023 19:05

Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Dimethoate	0.20	0.10	ND	Pass
Dimethomorph	1.00	0.10	ND	Pass
Ethoprophos	0.20	0.10	ND	Pass
Etofenprox	0.40	0.10	ND	Pass
Etoxazole	0.20	0.10	ND	Pass
Fenhexamid	1.00	0.10	ND	Pass
Fenoxycarb	0.20	0.10	ND	Pass
Fenpyroximate	0.40	0.10	ND	Pass
Fipronil	0.40	0.10	ND	Pass
Flonicamid	1.00	0.10	ND	Pass
Fludioxonil	0.40	0.10	ND	Pass
Hexythiazox	1.00	0.10	ND	Pass
Imazalil	0.20	0.10	ND	Pass
Imidacloprid	0.40	0.10	ND	Pass
Indolebutyric Acid	1.00	0.08	ND	Pass
Kresoxim Methyl	0.40	0.10	ND	Pass
Malathion	0.20	0.10	ND	Pass
Metalaxyl	0.20	0.10	ND	Pass
Methiocarb	0.20	0.10	ND	Pass
Methomyl	0.40	0.10	ND	Pass
Methyl Parathion	0.20	0.10	ND	Pass
Mevinphos	1.00	0.10	ND	Pass
MGK-264	0.20		TIC	Pass
Myclobutanil	0.20	0.10	ND	Pass
Naled	0.50	0.10	ND	Pass

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 Sampling SOP 204-NY

64g Milk Chocolate Bar

Ingestible, Chocolate, Other



Pesticides

 SOP 814-NY
 Date/Time Tested: 10/18/2023 19:05

Pass

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Oxamyl	1.00	0.10	ND	Pass
Paclobutrazol	0.40	0.10	ND	Pass
Pentachloronitrobenzene	1.00	0.10	ND	Pass
Permethrins [M+NH4] Total	0.20	0.10	ND	Pass
Phosmet	0.20	0.10	ND	Pass
Piperonyl Butoxide	2.00	0.10	ND	Pass
Prallethrin	0.20	0.10	ND	Pass
Propiconazole	0.40	0.10	ND	Pass
Propoxur	0.20	0.10	ND	Pass
Pyrethrins Total	1.00	0.07	ND	Pass
Pyridaben	0.20	0.10	ND	Pass
Spinetoram Total	1.00	0.10	ND	Pass
Spinosad Total	0.20	0.10	ND	Pass
Spiromesifen	0.20	0.10	ND	Pass
Spirotetramat	0.20	0.10	ND	Pass
Spiroxamine	0.20	0.10	ND	Pass
Tebuconazole	0.40	0.10	ND	Pass
Thiacloprid	0.20	0.10	ND	Pass
Thiamethoxam	0.20	0.10	ND	Pass
Trifloxystrobin	0.20	0.10	ND	Pass

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Sampling SOP 204-NY

64g Milk Chocolate Bar

Ingestible, Chocolate, Other



Microbials

◆SOP 401-NY ◆SOP 619-NY

Date/Time Tested: 10/17/2023 16:40

Analyte	Limit	Units	Status
Total Viable Aerobic Bacteria (3M)	10000	CFU/g	Pass
Total Yeast & Mold (3M)	1000	CFU/g	Pass
STEC E. Coli (PDx)	Absent	Absent	Pass
Aspergillus Species (PDx)	Absent	Absent	Pass
Salmonella Species (PDx)	Absent	Absent	Pass

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Sampling SOP 204-NY

64g Milk Chocolate Bar

Ingestible, Chocolate, Other



Heavy Metals

SOP 250-NY
Date/Time Tested: 10/18/2023 10:35**Pass**

Analyte	Limit	LOQ	Mass	Status
	µg/g	µg/g	µg/g	
Antimony	120.000	0.240	ND	Pass
Arsenic	1.500	0.200	ND	Pass
Cadmium	0.500	0.200	<LOQ	Pass
Chromium	1100.000	0.240	<LOQ	Pass
Copper	300.000	0.240	6.817	Pass
Lead	0.500	0.240	<LOQ	Pass
Mercury	3.000	0.048	ND	Pass
Nickel	20.000	0.240	1.419	Pass

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Sampling SOP 204-NY

64g Milk Chocolate Bar

Ingestible, Chocolate, Other



Mycotoxins

SOP 303-NY
Date/Time Tested: 10/23/2023 17:38**Pass**

Analyte	Mass	Limit	LOQ	Status
Ochratoxin A	ng/g Absent	ng/g 20	ng/g 2.5	Pass
Total Aflatoxins	Absent	20	2.5	Pass

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Sampling SOP 204-NY

64g Milk Chocolate Bar

Ingestible, Chocolate, Other



Water Activity

(SOP 206-NY)

Water Activity Date/Time Tested: 10/19/2023 09:21

Pass

0.38 aw

0.85 Limit

Water Activity



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Sampling SOP 204-NY

64g Milk Chocolate Bar

Ingestible, Chocolate, Other



Homogeneity

Date Tested: , Time of Analysis:
Method SOP 801-NY

Not Tested

Not Tested

Homogeneity



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