

Green Analytics NY, LLC
401 North Middletown Road, Building 60B
Pearl River, NY 10965
www.greenanalyticsllc.com
License #s: OCM-CPL-00013
ISO 17025 Certificate No.: 4356.09

Sample Result: PASS

Date Reported:	7/30/2025	Sample ID:	20250711-OHNY-003
Client Name:	Gnome Nugs, LLC	Sample Name:	THC Milk Chocolate High-Dose Mini Bar - Hybrid
Sampling Location:	Hauppauge, New York	Sample Matrix:	Edible
Contact Name:	Kevin Kowitz	Sample Sub Type:	Chocolate
Contact Email:	kkowitz@eatgron.com	Package ID:	
License Number:	OCM-PROC-25-000273	Batch Lot ID:	NYMMSS3A0825
Medical/Adult Use:	Adult Use	Batch Size:	10001
Sampling Date:	07/11/2025 08:00:00 AM	Serving Size (g):	0.7

Potency	T	Pesticides	P	Heavy Metals	P	Mycotoxins	P
Water Activity	P	Microbiological	P	Residual Solvents	P	Terpenes	P
		Moisture	-	Filth & Foreign Material	-		

"-" = Not Tested; "T" = Tested; "P" = Pass; "F" = Fail

Cannabinoids: THC Milk Chocolate High-Dose Mini Bar - Hybrid (20250711-OHNY-003)

Potency analysis utilizing HPLC (SOP-025-NY, SOP-073-NY)

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.005
CBDA	< MRL	< MRL	0.005
CBGA	< MRL	< MRL	0.005
CBG	0.010	0.070	0.005
CBD	0.008	0.056	0.005
THCV	0.036	0.252	0.005
CBN	0.047	0.329	0.005
D9-THC	1.579	11.053	0.005
D8-THC	0.006	0.042	0.005
D10-THC-S	< MRL	< MRL	0.005
D10-THC-R	< MRL	< MRL	0.005
CBC	0.006	0.042	0.005
THCA	< MRL	< MRL	0.005

MRL = Minimum reporting limit/limit of quantification
mg/serving = % w/w x10 x serving size weight (g)

Test ID: #120581 | Date Tested: 07/14/2025 04:24 AM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877)]	1.585	11.095
Total CBD [CBD + (CBDA * 0.877)]	0.008	0.056
Total Cannabinoids	1.692	11.844



Version 2: License info updated per client request - AD 7/30/2025

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Terpenes: THC Milk Chocolate High-Dose Mini Bar - Hybrid (20250711-OHNY-003)

Terpenes analysis utilizing GC-MS (SOP-063-NY, SOP-069-NY)

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	< MRL	0.05
Camphene	< MRL	0.05
Sabinene	< MRL	0.05
beta-Pinene	< MRL	0.05
beta-Myrcene	< MRL	0.05
Alpha-phellandrene	< MRL	0.05
Carene	< MRL	0.05
alpha-terpinene	< MRL	0.05
p-Cymene	< MRL	0.05
Limonene	< MRL	0.05
Eucalyptol	< MRL	0.05
Ocimene	< MRL	0.04
gamma-Terpinene	< MRL	0.05
Sabinene Hydrate	< MRL	0.05
Terpinolene	< MRL	0.05
Linalool	< MRL	0.05
Fenchol	< MRL	0.05
Menthol	< MRL	0.05
Terpineol	< MRL	0.05
Citronellol	< MRL	0.05
Isopulegol	< MRL	0.05
Geraniol	< MRL	0.05
Alpha-cedrene	< MRL	0.04
Beta-Caryophyllene	< MRL	0.05
Farnesene	< MRL	0.05
alpha-Humulene	< MRL	0.05
Valencene	< MRL	0.05
cis-Nerolidol	< MRL	0.02
trans-Nerolidol	< MRL	0.03
Caryophyllene oxide	< MRL	0.05
Guaiaol	< MRL	0.05
alpha-Bisabolol	< MRL	0.05

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Test ID: #120586 | Date Tested: 07/14/2025 10:38 AM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	< MRL	10	PASS



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Residual Solvents: THC Milk Chocolate High-Dose Mini Bar - Hybrid (20250711-OHNY-003)

PASS

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (SOP-067-NY, SOP-010-NY)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
1,2-Dichloroethane	PASS	< MRL	5	0.222
2-Propanol	PASS	< MRL	5000	33.259
Acetone	PASS	< MRL	5000	68.427
Acetonitrile	PASS	< MRL	410	2.727
Butanes, total	PASS	< MRL	5000	33.259
Benzene	PASS	< MRL	2	0.044
Chloroform	PASS	< MRL	60	0.399
Dichloromethane	PASS	< MRL	600	3.991
Dimethyl Sulfoxide	PASS	< MRL	5000	59.866
Ethanol	PASS	< MRL	5000	33.259
Ethyl acetate	PASS	< MRL	5000	33.259
Ethyl ether	PASS	< MRL	5000	33.259
n-Heptane	PASS	< MRL	5000	33.259
Hexanes, total	PASS	< MRL	290	1.929
Methanol	PASS	< MRL	3000	19.955
Pentanes, total	PASS	< MRL	5000	33.259
Propane	PASS	< MRL	5000	33.259
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	123.922
Toluene	PASS	< MRL	890	5.920
Trichloroethane	PASS	< MRL	1500	59.866
Xylenes, total	PASS	< MRL	2170	14.434

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Test ID: #120584 | Date Tested: 07/15/2025 09:47 AM



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Pesticides: THC Milk Chocolate High-Dose Mini Bar - Hybrid (20250711-OHNY-003) PASS

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Abamectin	PASS	< MRL	0.50	0.100
Acephate	PASS	< MRL	0.40	0.100
Acequinocyl	PASS	< MRL	2.00	0.100
Acetamiprid	PASS	< MRL	0.20	0.100
Aldicarb	PASS	< MRL	0.40	0.100
Azadirachtin	PASS	< MRL	1.00	0.250
Azoxystrobin	PASS	< MRL	0.20	0.100
Bifenazate	PASS	< MRL	0.20	0.100
Bifenthrin	PASS	< MRL	0.20	0.100
Boscalid	PASS	< MRL	0.40	0.100
Captan	PASS	< MRL	1.00	0.500
Carbaryl	PASS	< MRL	0.20	0.100
Carbofuran	PASS	< MRL	0.20	0.100
Chlorantranilprole	PASS	< MRL	0.20	0.100
Chlordane	PASS	< MRL	1.00	0.250
Chlorfenapyr	PASS	< MRL	1.00	0.050
Chloromequat chloride	PASS	< MRL	1.00	0.100
Chlorpyrifos	PASS	< MRL	0.20	0.100
Clofentezine	PASS	< MRL	0.20	0.100
Coumaphos	PASS	< MRL	1.00	0.100
Cyfluthrin	PASS	< MRL	1.00	0.100
Cypermethrin	PASS	< MRL	1.00	0.100
Daminozide	PASS	< MRL	1.00	0.100
Diazinon	PASS	< MRL	0.20	0.100
Dichlorvos	PASS	< MRL	1.00	0.100
Dimethoate	PASS	< MRL	0.20	0.100
Dimethomorph	PASS	< MRL	1.00	0.100
Ethoprophos	PASS	< MRL	0.20	0.100
Etofenprox	PASS	< MRL	0.40	0.100
Etoxazole	PASS	< MRL	0.20	0.100
Fenhexamid	PASS	< MRL	1.00	0.100
Fenoxycarb	PASS	< MRL	0.20	0.100
Fenpyroximate	PASS	< MRL	0.40	0.100
Fipronil	PASS	< MRL	0.40	0.100
Flonicamid	PASS	< MRL	1.00	0.100
Fludioxonil	PASS	< MRL	0.40	0.100
Hexythiazox	PASS	< MRL	1.00	0.100
Imazalil	PASS	< MRL	0.20	0.100
Imidacloprid	PASS	< MRL	0.40	0.100
Indole-3-butyric acid	PASS	< MRL	1.00	0.250
Kresoxim-methyl	PASS	< MRL	0.40	0.100
Malathion	PASS	< MRL	0.20	0.100
Metalaxyl	PASS	< MRL	0.20	0.100
Methiocarb	PASS	< MRL	0.20	0.100
Methomyl	PASS	< MRL	0.40	0.100
Methyl Parathion	PASS	< MRL	0.20	0.050
Mevinphos	PASS	< MRL	1.00	0.100
MGK-264 I/II	PASS	< MRL	0.20	0.100
Myclobutanil	PASS	< MRL	0.20	0.100
Naled	PASS	< MRL	0.50	0.100
Oxamyl	PASS	< MRL	1.00	0.100
Paclobutrazol	PASS	< MRL	0.40	0.100
Pentachloronitrobenzene	PASS	< MRL	1.00	0.250
Permethrins, total	PASS	< MRL	0.20	0.100
Phosmet	PASS	< MRL	0.20	0.100
Piperonyl butoxide	PASS	< MRL	2.00	0.100
Prallethrin	PASS	< MRL	0.20	0.100
Propiconazole	PASS	< MRL	0.40	0.100
Propoxur	PASS	< MRL	0.20	0.100
Pyrethrins	PASS	< MRL	1.00	0.100
Pyridaben	PASS	< MRL	0.20	0.100
Spinetoram, Total	PASS	< MRL	1.00	0.100
Spinosad, Total	PASS	< MRL	0.20	0.100
Spiromesifen	PASS	< MRL	0.20	0.100
Spirotetramat	PASS	< MRL	0.20	0.100
Spiroxamine	PASS	< MRL	0.20	0.100
Tebuconazole	PASS	< MRL	0.40	0.100
Thiacloprid	PASS	< MRL	0.20	0.100
Thiamethoxam	PASS	< MRL	0.20	0.100
Trifloxystrobin	PASS	< MRL	0.20	0.100

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Test ID: #120585 | Date Tested: 07/15/2025 04:27 AM



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Mycotoxins: THC Milk Chocolate High-Dose Mini Bar - Hybrid (20250711-OHNY-003)

PASS

Mycotoxin analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Ochratoxin	PASS	< MRL	0.02	0.010
Total Aflatoxins	PASS	< MRL	0.02	0.010

MRL = Minimum reporting limit/limit of quantification

Test ID: #120582 | Date Tested: 07/15/2025 04:27 AM

Heavy Metals: THC Milk Chocolate High-Dose Mini Bar - Hybrid (20250711-OHNY-003)

PASS

Heavy Metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (SOP-061-NY, SOP-072-NY)

Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Chromium	PASS	< MRL	1100.0	8.00
Nickel	PASS	< MRL	20.0	1.00
Copper	PASS	< MRL	300.0	8.00
Arsenic	PASS	< MRL	1.5	0.10
Cadmium	PASS	< MRL	0.5	0.10
Antimony	PASS	< MRL	120.0	1.00
Mercury	PASS	< MRL	3.0	0.05
Lead	PASS	< MRL	0.5	0.20

MRL = Minimum reporting limit/limit of quantification

Test ID: #120583 | Date Tested: 07/15/2025 04:19 AM

Microbiology - Plating: THC Milk Chocolate High-Dose Mini Bar - Hybrid (20250711-OHNY-003)

PASS

Microbial analysis utilizing microbial enumeration (SOP-700-NY)

Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Total Aerobic Bacteria	PASS	< MRL	10000	10.0
Total Yeast & Mold	PASS	< MRL	1000	10.0

Microbiology - qPCR:

Microbial analysis utilizing quantitative Polymerase Chain Reaction (SOP-701-NY)

Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Salmonella spp	PASS	Absent	Absent	1
Shiga toxin-producing E. coli	PASS	Absent	Absent	1
Aspergillus (fumigatus, flavus, niger, terreus)	PASS	Absent	Absent	1

MRL = Minimum reporting limit/limit of quantification

Test ID: #120587 | Date Tested: 07/17/2025 05:01 AM

Water Activity: THC Milk Chocolate High-Dose Mini Bar - Hybrid (20250711-OHNY-003)

PASS

Water activity analysis utilizing a chilled mirror dew point sensor (SOP-059-GA)

Analyte	Pass/Fail	Result (a _w)	Limit (a _w)
Water Activity	PASS	0.46	0.85

MRL = Minimum reporting limit/limit of quantification

Test ID: #120588 | Date Tested: 07/15/2025 07:27 AM



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Certificate of Analysis

Full Compliance Test

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Matthew Elmes
Lab Director
7/30/2025



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