

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:	7/31/2025	Sample ID:	20250627-OHNY-001
Client Name:	Gnome Nugs, LLC	Sample Name:	THC Sour Apple Mega Pearl - Hybrid
Sampling Location:	Hauppauge, New York	Sample Matrix:	Edible
Contact Name:	Kevin Kowitz	Sample Sub Type:	Gummy
Contact Email:	kkowitz@eatgron.com	Package ID:	
License Number:	OCM-PROC-25-000273	Batch Lot ID:	NYSAG2C2625
Medical/Adult Use:	Adult Use	Batch Size:	1250
Sampling Date:	06/27/2025 08:00:00 AM	Serving Size (g):	2

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 Sour Apple Mega Pearl - Hybrid (20250627-OHNY-001)			
Potency analysis utilizing HPLC (SOP-025-NY, SOP-073-NY)			
Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.002
CBDA	< MRL	< MRL	0.002
CBGA	< MRL	< MRL	0.002
CBG	0.003	0.060	0.002
CBD	0.003	0.060	0.002
THCV	0.008	0.160	0.002
CBN	0.013	0.260	0.002
D9-THC	0.537	10.740	0.002
D8-THC	0.004	0.080	0.002
D10-THC-S	< MRL	< MRL	0.002
D10-THC-R	< MRL	< MRL	0.002
CBC	0.002	0.040	0.002
THCA	< MRL	< MRL	0.002
MRL = Minimum reporting limit/limit of quantification mg/serving = % w/w x10 x serving size weight (g)			Test ID: #118524 Date Tested: 07/01/2025 08:17 AM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta^8\text{-THC} + \Delta^9\text{-THC} + \Delta^{10}\text{-THC} + (\text{THCA} * 0.877)$]	0.541	10.820
Total CBD [$\text{CBD} + (\text{CBDA} * 0.877)$]	0.003	0.060
Total Cannabinoids	0.570	11.400



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

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Terpenes: THC Sour Apple Mega Pearl - Hybrid (20250627-OHNY-001)

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

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

MRL = Minimum reporting limit/limit of quantification

Test ID: #118529 | Date Tested: 07/02/2025 05:45 AM

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



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Residual Solvents: THC Sour Apple Mega Pearl - Hybrid (20250627-OHNY-001) 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	0.225
2-Propanol	PASS	< MRL	5000	33.695
Acetone	PASS	< MRL	5000	69.323
Acetonitrile	PASS	< MRL	410	2.763
Butanes, total	PASS	< MRL	5000	33.695
Benzene	PASS	< MRL	2	0.045
Chloroform	PASS	< MRL	60	0.404
Dichloromethane	PASS	< MRL	600	4.043
Dimethyl Sulfoxide	PASS	< MRL	5000	60.650
Ethanol	PASS	< MRL	5000	33.695
Ethyl acetate	PASS	< MRL	5000	33.695
Ethyl ether	PASS	< MRL	5000	33.695
n-Heptane	PASS	< MRL	5000	33.695
Hexanes, total	PASS	< MRL	290	1.954
Methanol	PASS	< MRL	3000	20.217
Pentanes, total	PASS	< MRL	5000	33.695
Propane	PASS	< MRL	5000	33.695
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	125.546
Toluene	PASS	< MRL	890	5.998
Trichloroethane	PASS	< MRL	1500	60.650
Xylenes, total	PASS	< MRL	2170	14.623

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Test ID: #118527 | Date Tested: 07/03/2025 07:25 AM



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Pesticides: THC Sour Apple Mega Pearl - Hybrid (20250627-OHNY-001) 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
Chlormequat 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: #118528 | Date Tested: 07/03/2025 08:15 AM



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Mycotoxins: THC Sour Apple Mega Pearl - Hybrid (20250627-OHNY-001)				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: #118525 Date Tested: 07/02/2025 05:48 PM	

Heavy Metals: THC Sour Apple Mega Pearl - Hybrid (20250627-OHNY-001)				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: #118526 Date Tested: 07/01/2025 05:02 AM	

Microbiology - Plating: THC Sour Apple Mega Pearl - Hybrid (20250627-OHNY-001)				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: #118530 Date Tested: 07/02/2025 01:54 PM	

Water Activity: THC Sour Apple Mega Pearl - Hybrid (20250627-OHNY-001)				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	0.74	0.85	
MRL = Minimum reporting limit/limit of quantification			Test ID: #118531 Date Tested: 07/01/2025 07:39 AM	



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Certificate of Analysis

Full Compliance Test

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Matthew Elmes
Lab Director
7/31/2025



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