

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:	7/31/2026
Client Name:	Empire Standard LLC
Sampling Location:	Binghamton, New York
Contact Name:	Empire Standard LLC
Contact Email:	info@empirestandardny.com
License Number:	OCM-PROC-24-000202
Phone:	2017415553
Medical/Adult Use:	Adult Use
Sampling Date:	07/23/2026 12:00:00 PM
METRC Test Tag ID:	1A4120300000235000005386

Sample ID:	20260723-EMNY-002
Sample Name:	Jetpacks Big Bang 0.5g Infused PreRoll 5pk/12cpk - Cosmic Starburst
Sample Matrix:	Flower
Sample Sub Type:	Infused Pre-roll
Batch Lot ID:	BPPHCWAX
Batch Size:	2500
Serving Size (g):	2.5
METRC Source ID:	1A4120300000235000005333

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

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

Cannabinoids: Jetpacks Big Bang 0.5g Infused PreRoll 5pk/12cpk - Cosmic Starburst (20260723-EMNY-002)

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

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.275
CBDA	< MRL	< MRL	0.277
CBGA	0.537	13.419	0.277
CBG	< MRL	< MRL	0.277
CBD	< MRL	< MRL	0.275
THCV	< MRL	< MRL	0.275
CBN	< MRL	< MRL	0.277
D9-THC	9.176	229.389	0.277
D8-THC	< MRL	< MRL	0.275
D10-THC-S	< MRL	< MRL	0.275
D10-THC-R	< MRL	< MRL	0.275
CBC	< MRL	< MRL	0.277
THCA	40.130	1003.250	0.277

MRL = Minimum reporting limit/limit of quantification
mg/serving = % w/w x10 x serving size weight (g)
Reported on a dry-weight basis based on the calculation:
(wet sample % x 100)/(100 - %MC)

Test ID: #291584 | Date Tested: 07/27/2026 09:53 AM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877)]	44.370	1109.239
Total CBD [CBD + (CBDA * 0.877)]	< MRL	< MRL
Total Cannabinoids	49.842	1246.058



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Terpenes: Jetpacks Big Bang 0.5g Infused PreRoll 5pk/12cpk - Cosmic Starburst (20260723-EMNY-002) **PASS**

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	< MRL	0.19
Camphene	< MRL	0.19
Sabinene	< MRL	0.19
beta-Pinene	< MRL	0.19
beta-Myrcene	< MRL	0.19
Alpha-phellandrene	< MRL	0.19
Carene	< MRL	0.19
alpha-terpinene	< MRL	0.19
p-Cymene	< MRL	0.19
Limonene	< MRL	0.19
Eucalyptol	< MRL	0.19
Ocimene	< MRL	0.13
gamma-Terpinene	< MRL	0.19
Sabinene Hydrate	< MRL	0.19
Terpinolene	< MRL	0.19
Linalool	< MRL	0.19
Fenchol	< MRL	0.19
Menthol	< MRL	0.19
Terpineol	< MRL	0.19
Citronellol	< MRL	0.19
Isopulegol	< MRL	0.19
Geraniol	< MRL	0.19
Alpha-cedrene	< MRL	0.15
Beta-Caryophyllene	0.43	0.19
Farnesene	< MRL	0.19
alpha-Humulene	< MRL	0.19
Valencene	< MRL	0.19
cis-Nerolidol	< MRL	0.07
trans-Nerolidol	< MRL	0.11
Caryophyllene oxide	< MRL	0.19
Guaiol	< MRL	0.19
alpha-Bisabolol	< MRL	0.19

MRL = Minimum reporting limit/limit of quantification

Test ID: #291588 | Date Tested: 07/26/2026 11:13 AM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	0.43	10	PASS



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Residual Solvents: Jetpacks Big Bang 0.5g Infused PreRoll 5pk/12cpk - Cosmic Starburst (20260723-EMNY-002)

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	5.00	3.500
2-Propanol	PASS	< MRL	5000	500.000
Acetone	PASS	< MRL	5000	2000.000
Acetonitrile	PASS	< MRL	410	40.000
Butanes, total	PASS	< MRL	5000	2500.000
Benzene	PASS	< MRL	2.00	0.650
Chloroform	PASS	< MRL	60.0	6.000
Dichloromethane	PASS	< MRL	600	60.000
Dimethyl Sulfoxide	PASS	< MRL	5000	1000.000
Ethanol	PASS	< MRL	5000	500.000
Ethyl acetate	PASS	< MRL	5000	500.000
Ethyl ether	PASS	< MRL	5000	500.000
n-Heptane	PASS	< MRL	5000	500.000
Hexanes, total	PASS	< MRL	290	30.000
Methanol	PASS	< MRL	3000	300.000
Pentanes, total	PASS	< MRL	5000	500.000
Propane	PASS	< MRL	5000	500.000
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	400.000
Toluene	PASS	< MRL	890	100.000
Trichloroethane	PASS	< MRL	1500	1000.000
Xylenes, total	PASS	< MRL	2170	250.000

MRL = Minimum reporting limit/limit of quantification

Test ID: #291587 | Date Tested: 07/26/2026 09:24 AM



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Pesticides: Jetpacks Big Bang 0.5g Infused PreRoll 5pk/12cpk - Cosmic Starburst (20260723-EMNY-002)

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	0.500	0.100
Acephate	PASS	< MRL	0.400	0.100
Acequinocyl	PASS	< MRL	2.00	0.100
Acetamiprid	PASS	< MRL	0.200	0.100
Aldicarb	PASS	< MRL	0.400	0.100
Azadirachtin	PASS	< MRL	1.00	0.250
Azoxystrobin	PASS	< MRL	0.200	0.100
Bifenazate	PASS	< MRL	0.200	0.100
Bifenthrin	PASS	< MRL	0.200	0.100
Boscalid	PASS	< MRL	0.400	0.100
Captan	PASS	< MRL	1.00	0.500
Carbaryl	PASS	< MRL	0.200	0.100
Carbofuran	PASS	< MRL	0.200	0.100
Chlorantranilprole	PASS	< MRL	0.200	0.100
Chlordane	PASS	< MRL	1.00	0.100
Chlorfenapyr	PASS	< MRL	1.00	0.100
Chlormequat chloride	PASS	< MRL	1.00	0.100
Chlorpyrifos	PASS	< MRL	0.200	0.100
Clofentezine	PASS	< MRL	0.200	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	0.200	0.100
Dichlorvos	PASS	< MRL	1.00	0.100
Dimethoate	PASS	< MRL	0.200	0.100
Dimethomorph	PASS	< MRL	1.00	0.100
Ethoprophos	PASS	< MRL	0.200	0.100
Etofenprox	PASS	< MRL	0.400	0.100
Etiozazole	PASS	< MRL	0.200	0.100
Fenhexamid	PASS	< MRL	1.00	0.100
Fenoxycarb	PASS	< MRL	0.200	0.100
Fenpyroximate	PASS	0.14	0.400	0.100
Fipronil	PASS	< MRL	0.400	0.100
Fonicamid	PASS	< MRL	1.00	0.100
Fludioxonil	PASS	< MRL	0.400	0.100
Hexythiazox	PASS	< MRL	1.00	0.100
Imazalil	PASS	< MRL	0.200	0.100
Imidacloprid	PASS	< MRL	0.400	0.100
Indole-3-butyric acid	PASS	< MRL	1.00	0.250
Kresoxim-methyl	PASS	< MRL	0.400	0.100
Malathion	PASS	< MRL	0.200	0.100
Metalaxyl	PASS	< MRL	0.200	0.100
Methiocarb	PASS	< MRL	0.200	0.100
Methomyl	PASS	< MRL	0.400	0.100
Methyl Parathion	PASS	< MRL	0.200	0.100
Mevinphos	PASS	< MRL	1.00	0.100
MGK-264 I/II	PASS	< MRL	0.200	0.100
Myclobutanil	PASS	< MRL	0.200	0.100
Naled	PASS	< MRL	0.500	0.100
Oxamyl	PASS	< MRL	1.00	0.100
Paclobutrazol	PASS	< MRL	0.400	0.100
Pentachloronitrobenzene	PASS	< MRL	1.00	0.100
Permethrins, total	PASS	< MRL	0.200	0.100
Phosmet	PASS	< MRL	0.200	0.100
Piperonyl butoxide	PASS	< MRL	2.00	0.100
Prallethrin	PASS	< MRL	0.200	0.100
Propiconazole	PASS	< MRL	0.400	0.100
Propoxur	PASS	< MRL	0.200	0.100
Pyrethrins	PASS	< MRL	1.00	0.100
Pyridaben	PASS	< MRL	0.200	0.100
Spinetoram, Total	PASS	< MRL	1.00	0.100
Spinosad, Total	PASS	< MRL	0.200	0.100
Spiromesifen	PASS	0.16	0.200	0.100
Spirotetramat	PASS	< MRL	0.200	0.100
Spiroxamine	PASS	< MRL	0.200	0.100
Tebuconazole	PASS	< MRL	0.400	0.100
Thiacloprid	PASS	< MRL	0.200	0.100
Thiamethoxam	PASS	< MRL	0.200	0.100
Trifloxystrobin	PASS	< MRL	0.200	0.100

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Test ID: #291581 | Date Tested: 07/27/2026 08:52 AM



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Mycotoxins: Jetpacks Big Bang 0.5g Infused PreRoll 5pk/12cpk - Cosmic Starburst (20260723-EMNY-002)

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	0.020	0.010
Total Aflatoxins	PASS	< MRL	0.020	0.010

MRL = Minimum reporting limit/limit of quantification

Test ID: #291582 | Date Tested: 07/27/2026 08:57 AM

Heavy Metals: Jetpacks Big Bang 0.5g Infused PreRoll 5pk/12cpk - Cosmic Starburst (20260723-EMNY-002)

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	110	8.00
Nickel	PASS	< MRL	5.00	1.00
Copper	PASS	9.067	30.0	8.00
Arsenic	PASS	< MRL	0.200	0.10
Cadmium	PASS	< MRL	0.200	0.10
Antimony	PASS	< MRL	2.00	1.00
Mercury	PASS	< MRL	0.100	0.05
Lead	PASS	< MRL	0.500	0.20

MRL = Minimum reporting limit/limit of quantification

Test ID: #291580 | Date Tested: 07/25/2026 11:24 AM

Microbiology: Jetpacks Big Bang 0.5g Infused PreRoll 5pk/12cpk - Cosmic Starburst (20260723-EMNY-002)

PASS

Microbial analysis utilizing TEMPO microbial enumeration (SOP-719-NY)

Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Total Aerobic Bacteria	PASS	41000	None	100
Total Yeast & Mold	PASS	< MRL	None	100

Microbiology - qPCR:

Microbial analysis utilizing quantitative Polymerase Chain Reaction (SOP-734-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 IDs: #291589, #291592, #291591, #291590 | Date Tested: 07/27/2026 06:39 PM, 07/26/2026 07:59 PM, 07/26/2026 07:58 PM

Moisture: Jetpacks Big Bang 0.5g Infused PreRoll 5pk/12cpk - Cosmic Starburst (20260723-EMNY-002)

PASS

Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA)

Analyte	Pass/Fail	Result (%)	Limit (%)
Moisture	PASS	4.2	15.0

MRL = Minimum reporting limit/limit of quantification

Test ID: #291583 | Date Tested: 07/28/2026 10:37 AM



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Water Activity: Jetpacks Big Bang 0.5g Infused PreRoll 5pk/12cpk - Cosmic Starburst (20260723-EMNY-002)

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	0.44	0.65

MRL = Minimum reporting limit/limit of quantification

Test ID: #291579 | Date Tested: 07/24/2026 12:24 PM



Matthew Elmes
Lab Director
7/31/2026



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