

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:	4/3/2026	Sample ID:	20260326-EMNY-031
Client Name:	Empire Standard LLC	Sample Name:	Untitled 28g GH Smalls Flower 8cpk - Ice Cream Cake
Sampling Location:	Binghamton, New York	Sample Matrix:	Flower
Contact Name:	Empire Standard LLC	Sample Sub Type:	Whole Flower
Contact Email:	info@empirestandardny.com	Batch Lot ID:	UFHHEWAA
License Number:	OCM-PROC-24-000202	Batch Size:	1200
Medical/Adult Use:	Adult Use	Serving Size (g):	28
Sampling Date:	03/26/2026 12:00:00 PM	METRC Source ID:	1A4120300000235000003252
METRC Test Tag ID:	1A4120300000235000003362		

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

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

Cannabinoids: Untitled 28g GH Smalls Flower 8cpk - Ice Cream Cake (20260326-EMNY-031)

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

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.114
CBDA	< MRL	< MRL	0.114
CBGA	0.331	92.782	0.114
CBG	< MRL	< MRL	0.114
CBD	< MRL	< MRL	0.114
THCV	< MRL	< MRL	0.114
CBN	< MRL	< MRL	0.114
D9-THC	0.453	126.910	0.114
D8-THC	< MRL	< MRL	0.114
D10-THC-S	< MRL	< MRL	0.114
D10-THC-R	< MRL	< MRL	0.114
CBC	< MRL	< MRL	0.114
THCA	25.466	7130.487	0.114

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: #223596 | Date Tested: 03/27/2026 08:15 PM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877)]	22.787	6380.347
Total CBD [CBD + (CBDA * 0.877)]	< MRL	< MRL
Total Cannabinoids	26.251	7350.179



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Terpenes: Untitled 28g GH Smalls Flower 8cpk - Ice Cream Cake (20260326-EMNY-031) PASS

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	< MRL	0.07
Camphene	< MRL	0.07
Sabinene	< MRL	0.07
beta-Pinene	< MRL	0.07
beta-Myrcene	0.09	0.07
Alpha-phellandrene	< MRL	0.07
Carene	< MRL	0.07
alpha-terpinene	< MRL	0.07
p-Cymene	< MRL	0.07
Limonene	0.37	0.07
Eucalyptol	< MRL	0.07
Ocimene	< MRL	0.05
gamma-Terpinene	< MRL	0.07
Sabinene Hydrate	< MRL	0.07
Terpinolene	< MRL	0.07
Linalool	< MRL	0.07
Fenchol	< MRL	0.07
Menthol	< MRL	0.07
Terpineol	< MRL	0.07
Citronellol	< MRL	0.07
Isopulegol	< MRL	0.07
Geraniol	< MRL	0.07
Alpha-cedrene	< MRL	0.06
Beta-Caryophyllene	0.20	0.07
Farnesene	< MRL	0.07
alpha-Humulene	0.11	0.07
Valencene	< MRL	0.07
cis-Nerolidol	< MRL	0.03
trans-Nerolidol	< MRL	0.04
Caryophyllene oxide	< MRL	0.07
Guaiol	< MRL	0.07
alpha-Bisabolol	< MRL	0.07

MRL = Minimum reporting limit/limit of quantification

Test ID: #223599 | Date Tested: 04/03/2026 09:41 AM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	0.78	10	PASS



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Pesticides: Untitled 28g GH Smalls Flower 8cpk - Ice Cream Cake (20260326-EMNY-031) 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	< MRL	0.400	0.100
Fipronil	PASS	< MRL	0.400	0.100
Flonicamid	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	< MRL	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

MRL = Minimum reporting limit/limit of quantification

Test ID: #223593 | Date Tested: 04/02/2026 09:54 AM



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Mycotoxins: Untitled 28g GH Smalls Flower 8cpk - Ice Cream Cake (20260326-EMNY-031)				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: #223594 Date Tested: 04/03/2026 09:44 AM	

Heavy Metals: Untitled 28g GH Smalls Flower 8cpk - Ice Cream Cake (20260326-EMNY-031)				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	8.072	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: #223592 Date Tested: 03/30/2026 05:06 PM	

Microbiology - Plating: Untitled 28g GH Smalls Flower 8cpk - Ice Cream Cake (20260326-EMNY-031)				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	4414	None	100
Total Yeast & Mold	PASS	260000	None	100
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 IDs: #223601, #223600, #223603, #223602 Date Tested: 04/01/2026 01:46 PM, 03/30/2026 02:21 PM, 03/30/2026 11:14 AM, 03/30/2026 11:49 AM	

Moisture: Untitled 28g GH Smalls Flower 8cpk - Ice Cream Cake (20260326-EMNY-031)				PASS
Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA)				
Analyte	Pass/Fail	Result (%)	Limit (%)	
Moisture	PASS	8.7	15.0	
MRL = Minimum reporting limit/limit of quantification			Test ID: #223595 Date Tested: 03/30/2026 02:11 PM	



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Water Activity: Untitled 28g GH Smalls Flower 8cpk - Ice Cream Cake (20260326-EMNY-031) **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	0.53	0.65

MRL = Minimum reporting limit/limit of quantification

Test ID: #223591 | Date Tested: 03/31/2026 02:44 PM

Filth and Foreign Material: Untitled 28g GH Smalls Flower 8cpk - Ice Cream Cake (20260326-EMNY-031) **PASS**

Filth and Foreign Material analysis utilizing microscopy (SOP-057-NY)

Analyte	Results	Limit	Pass/Fail
Foreign Material (other, % m/m)	ND	2.00	PASS
Foreign Material (stems, % m/m)	ND	5.00	PASS
Mammalian Excreta (mg/lb)	ND	1.00	PASS

ND = Not Detected

Test ID: #223590 | Date Tested: 03/30/2026 12:59 PM



Matthew Elmes
Lab Director
4/3/2026



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