

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:	5/1/2025	Sample ID:	20250423-ECNY-002
Client Name:	Emerald City NY, LLC	Sample Name:	Sour Grape
Sampling Location:	Hopewell Junction, New York	Sample Matrix:	Edible
Contact Name:	Michael Fertucci	Sample Sub Type:	Gummy
Contact Email:	Greenspectrumscbd@gmail.com	Package ID:	
License Number:	OCM-PROC-24-000017	Batch Lot ID:	LL-2025-0200
Medical/Adult Use:	Adult Use	Batch Size:	250
Sampling Date:	04/23/2025 11:25:00 AM	Serving Size (g):	3.5

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: Sour Grape (20250423-ECNY-002)

Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA)

Analyte	% w/w	mg/serving	MRL (% w/w)
CBC	0.003	0.105	0.001
CBD	0.099	3.448	0.001
CBDA	< MRL	< MRL	0.001
CBDV	< MRL	< MRL	0.001
CBG	0.006	0.192	0.001
CBGA	< MRL	< MRL	0.001
CBN	0.105	3.675	0.001
D10-THC-R	< MRL	< MRL	0.001
D10-THC-S	< MRL	< MRL	0.001
D8-THC	< MRL	< MRL	0.001
D9-THC	0.149	5.215	0.001
THCA	< MRL	< MRL	0.001
THCV	< MRL	< MRL	0.001

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

Test ID: #104702 | Date Tested: 05/01/2025 08:20 AM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877)]	0.149	5.215
Total CBD [CBD + (CBDA * 0.877)]	0.099	3.448
Total Cannabinoids	0.362	12.635



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Terpenes: Sour Grape (20250423-ECNY-002)

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

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

MRL = Minimum reporting limit/limit of quantification

Test ID: #104707 | Date Tested: 04/28/2025 07:20 AM

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



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Residual Solvents: Sour Grape (20250423-ECNY-002)				PASS
Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (GC-MS: SOP-067-GA, SOP-010-GA)				
Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
1,2-Dichloroethane	PASS	< MRL	5	0.213
2-Propanol	PASS	< MRL	5000	31.885
Acetone	PASS	< MRL	5000	6.377
Acetonitrile	PASS	< MRL	410	2.615
Benzene	PASS	< MRL	2	0.043
Butanes, total	PASS	< MRL	5000	31.885
Chloroform	PASS	< MRL	60	0.383
Dichloromethane	PASS	< MRL	600	3.826
Dimethyl Sulfoxide	PASS	< MRL	5000	57.392
Ethanol	PASS	< MRL	5000	31.885
Ethyl acetate	PASS	< MRL	5000	31.885
Ethyl ether	PASS	< MRL	5000	31.885
Hexanes, total	PASS	< MRL	290	1.849
Methanol	PASS	< MRL	3000	19.131
n-Heptane	PASS	< MRL	5000	31.885
Pentanes, total	PASS	< MRL	5000	31.885
Propane	PASS	< MRL	5000	31.885
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	118.802
Toluene	PASS	< MRL	890	5.675
Trichloroethane	PASS	< MRL	1500	57.392
Xylenes, total	PASS	< MRL	2170	13.838

MRL = Minimum reporting limit/limit of quantification

Test ID: #104705 | Date Tested: 04/25/2025 09:55 AM



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Pesticides: Sour Grape (20250423-ECNY-002)

PASS

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MS/MS: SOP-062-GA, SOP-070-GA)

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

MRL = Minimum reporting limit/limit of quantification

Test ID: #104706 | Date Tested: 04/29/2025 04:49 AM



Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Action limits are set according to the New York State Office of Cannabis Management Testing Limits. A sample is deemed acceptable when all analyte values are within those state determined limits. Laboratory determined measurement uncertainty is available by request.

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Mycotoxins: Sour Grape (20250423-ECNY-002)				PASS
Mycotoxin analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MS/MS: SOP-062-GA, SOP-070-GA)				
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: #104703 Date Tested: 04/26/2025 11:51 AM	

Heavy Metals: Sour Grape (20250423-ECNY-002)				PASS
Heavy Metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS: SOP-061-NY, SOP-072-GA)				
Analyte	Pass/Fail	Result (µg/g)	Limit (µg/g)	MRL (µg/g)
Antimony	PASS	< MRL	120.0	1.00
Arsenic	PASS	< MRL	1.5	0.10
Cadmium	PASS	< MRL	0.5	0.10
Chromium	PASS	< MRL	1100.0	8.00
Copper	PASS	< MRL	300.0	8.00
Lead	PASS	< MRL	0.5	0.20
Mercury	PASS	< MRL	3.0	0.05
Nickel	PASS	< MRL	20.0	1.00
MRL = Minimum reporting limit/limit of quantification			Test ID: #104704 Date Tested: 04/25/2025 06:59 AM	

Microbiological Screen: Sour Grape (20250423-ECNY-002)				PASS
Microbial analysis utilizing quantitative Polymerase Chain Reaction and microbial enumeration (qPCR; SOP-700-NY, SOP-701-NY)				
Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Aspergillus (fumigatus, flavus, niger, terreus)	PASS	Absent	Absent	1
Shiga toxin-producing E. coli	PASS	Absent	Absent	1
Salmonella spp	PASS	Absent	Absent	1
Total Aerobic Bacteria	PASS	< MRL	10000	10
Total Yeast & Mold	PASS	< MRL	1000	10
MRL = Minimum reporting limit/limit of quantification			Test ID: #104708 Date Tested: 04/28/2025 10:49 AM	

Water Activity: Sour Grape (20250423-ECNY-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	0.57	0.85	
MRL = Minimum reporting limit/limit of quantification			Test ID: #104709 Date Tested: 04/25/2025 08:31 AM	



Matthew Elmes
Lab Director
5/1/2025

