

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

<b>Date Reported:</b>	2/18/2025	<b>Sample ID:</b>	20250130-ECNY-008
<b>Client Name:</b>	Emerald City NY, LLC	<b>Sample Name:</b>	Rainbow Sherbet x Tropical Cherry 1-8
<b>Sampling Location:</b>	Hopewell Junction, New York	<b>Sample Matrix:</b>	Flower
<b>Contact Name:</b>	Michael Fertucci	<b>Sample Sub Type:</b>	Flower
<b>Contact Email:</b>	Greenspectrumscbd@gmail.com	<b>Package ID:</b>	
<b>License Number:</b>	OCM-PROC-24-000017	<b>Batch Lot ID:</b>	092-102224-RS11TC
<b>Medical/Adult Use:</b>	Adult Use	<b>Batch Size:</b>	1200
<b>Sampling Date:</b>	01/30/2025 10:00:00 AM	<b>Serving Size (g):</b>	3.5

<b>Potency</b>	<b>T</b>	<b>Pesticides</b>	<b>P</b>	<b>Heavy Metals</b>	<b>P</b>	<b>Mycotoxins</b>	<b>P</b>
<b>Water Activity</b>	<b>P</b>	<b>Microbiological</b>	<b>P</b>	<b>Residual Solvents</b>	<b>-</b>	<b>Terpenes</b>	<b>P</b>
		<b>Moisture</b>	<b>P</b>	<b>Filth &amp; Foreign Material</b>	<b>P</b>		

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

Cannabinoids: Rainbow Sherbet x Tropical Cherry 1-8 (20250130-ECNY-008)			
Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA)			
Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.240
CBDA	< MRL	< MRL	0.240
CBGA	2.380	83.298	0.240
CBG	< MRL	< MRL	0.240
CBD	< MRL	< MRL	0.240
THCV	< MRL	< MRL	0.240
CBN	< MRL	< MRL	0.240
D9-THC	0.431	15.086	0.240
D8-THC	< MRL	< MRL	0.240
D10-THC-S	< MRL	< MRL	0.240
D10-THC-R	< MRL	< MRL	0.240
CBC	< MRL	< MRL	0.240
THCA	25.634	897.202	0.240
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: #94331   Date Tested: 02/03/2025 05:02 AM

Potency Summary	% w/w	mg/serving
<b>Total THC</b> [ $\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877)]	22.912	801.933
<b>Total CBD</b> [CBD + (CBDA * 0.877)]	< MRL	< MRL
<b>Total Cannabinoids</b>	28.445	995.586



**Version 2: Amended client contact info, batch size, and serving size - MWE 02/17/25**

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### Terpenes: Rainbow Sherbet x Tropical Cherry 1-8 (20250130-ECNY-008)

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	0.05	0.05
Camphene	< MRL	0.05
Sabinene	0.08	0.05
beta-Pinene	0.08	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	0.03
gamma-Terpinene	< MRL	0.05
Sabinene Hydrate	< MRL	0.05
Terpinolene	< MRL	0.05
Linalool	0.16	0.05
Fenchol	0.05	0.05
Menthol	< MRL	0.05
Terpineol	0.05	0.05
Citronellol	< MRL	0.05
Isopulegol	< MRL	0.05
Geraniol	< MRL	0.05
Alpha-cedrene	< MRL	0.04
Beta-Caryophyllene	0.21	0.05
Farnesene	< MRL	0.05
alpha-Humulene	0.13	0.05
Valencene	< MRL	0.05
cis-Nerolidol	< MRL	0.02
trans-Nerolidol	< MRL	0.03
Caryophyllene oxide	< MRL	0.05
Guaiol	< MRL	0.05
alpha-Bisabolol	0.06	0.05

MRL = Minimum reporting limit/limit of quantification

Test ID: #94338 | Date Tested: 02/03/2025 07:30 AM

Terpenes Summary	Result	Limit	Pass/Fail
<b>Total Terpenes (% w/w)</b>	0.87	10	PASS



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**Pesticides: Rainbow Sherbet x Tropical Cherry 1-8 (20250130-ECNY-008) 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: #94337 | Date Tested: 02/03/2025 07:30 AM

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Mycotoxins: Rainbow Sherbet x Tropical Cherry 1-8 (20250130-ECNY-008) <span style="float: right;">PASS</span>				
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: #94336   Date Tested: 02/03/2025 07:30 AM	

Heavy Metals: Rainbow Sherbet x Tropical Cherry 1-8 (20250130-ECNY-008) <span style="float: right;">PASS</span>				
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)
Chromium	PASS	< MRL	110.0	8.00
Nickel	PASS	< MRL	5.0	1.00
Copper	PASS	9.793	30.0	8.00
Arsenic	PASS	< MRL	0.2	0.10
Cadmium	PASS	< MRL	0.2	0.10
Antimony	PASS	< MRL	2.0	1.00
Mercury	PASS	< MRL	0.1	0.05
Lead	PASS	< MRL	0.5	0.20
MRL = Minimum reporting limit/limit of quantification			Test ID: #94333   Date Tested: 02/03/2025 03:10 AM	

Microbiological Screen: Rainbow Sherbet x Tropical Cherry 1-8 (20250130-ECNY-008) <span style="float: right;">PASS</span>				
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)
Total Aerobic Bacteria	PASS	1990909	None	100
Total Yeast & Mold	PASS	377273	None	100
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: #94334   Date Tested: 02/05/2025 12:28 PM	

Moisture Content: Rainbow Sherbet x Tropical Cherry 1-8 (20250130-ECNY-008) <span style="float: right;">PASS</span>				
Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA)				
Analyte	Pass/Fail	Result (%)	Limit (%)	
Moisture	PASS	11.3	15	
MRL = Minimum reporting limit/limit of quantification			Test ID: #94335   Date Tested: 02/01/2025 03:58 AM	

Water Activity: Rainbow Sherbet x Tropical Cherry 1-8 (20250130-ECNY-008) <span style="float: right;">PASS</span>				
Water activity analysis utilizing a chilled mirror dew point sensor (SOP-059-GA)				
Analyte	Pass/Fail	Result (a <sub>w</sub> )	Limit (a <sub>w</sub> )	
Water Activity	PASS	0.52	0.65	
MRL = Minimum reporting limit/limit of quantification			Test ID: #94339   Date Tested: 02/01/2025 03:58 AM	



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**Filth and Foreign Material: Rainbow Sherbet x Tropical Cherry 1-8 (20250130-ECNY-008) PASS**

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

Analyte	Results	Limit	Pass/Fail
Foreign Material (other, % m/m)	ND	2	PASS
Foreign Material (stems, % m/m)	ND	5	PASS
Mammalian Excreta (mg/lb)	ND	1	PASS

ND = Not Detected Test ID: #94332 | Date Tested: 02/01/2025 03:59 AM




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Matthew Elmes  
Lab Director  
2/18/2025

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