

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>	2/6/2025	<b>Sample ID:</b>	20240802-ECNY-001
<b>Client Name:</b>	Emerald City NY, LLC	<b>Sample Name:</b>	Green Spectrum Choco-Lit Gummy Raspberry
<b>Sampling Location:</b>	Hopewell Junction, New York	<b>Sample Matrix:</b>	Edible
<b>Contact Name:</b>	Sean	<b>Sample Sub Type:</b>	Gummy
<b>Contact Email:</b>	info@simplyfoyo.com	<b>Package ID:</b>	
<b>License Number:</b>	OCM-PROC-24-000017	<b>Batch Lot ID:</b>	GSRC100
<b>Medical/Adult Use:</b>	Adult Use	<b>Batch Size:</b>	1927
<b>Sampling Date:</b>	08/02/2024 09:00:00 AM	<b>Serving Size (g):</b>	7.7378

<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>P</b>	<b>Terpenes</b>	<b>P</b>
		<b>Moisture</b>	<b>-</b>	<b>Filth &amp; Foreign Material</b>	<b>-</b>		

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

Cannabinoids: Green Spectrum Choco-Lit Gummy Raspberry (20240802-ECNY-001)			
Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA)			
Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.001
CBDA	< MRL	< MRL	0.001
CBGA	0.002	0.155	0.001
CBG	0.014	1.045	0.001
CBD	0.345	26.695	0.001
THCV	< MRL	< MRL	0.001
CBN	0.342	26.463	0.001
D9-THC	0.196	15.166	0.001
D8-THC	< MRL	< MRL	0.001
D10-THC-S	< MRL	< MRL	0.001
D10-THC-R	< MRL	< MRL	0.001
CBC	0.003	0.232	0.001
THCA	< MRL	< MRL	0.001

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

Test ID: #69543 | Date Tested: 08/03/2024 05:34 AM

Potency Summary	% w/w	mg/serving
<b>Total THC</b> [Δ8-THC + Δ9-THC + Δ10-THC + (THCA * 0.877)]	0.196	15.166
<b>Total CBD</b> [CBD + (CBDA * 0.877)]	0.345	26.695
<b>Total Cannabinoids</b>	0.902	69.756

**Version 2: Amended batch size info per client request - MWE**  
**02/06/25**



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### Terpenes: Green Spectrum Choco-Lit Gummy Raspberry (20240802-ECNY-001)

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	< MRL	0.02
Camphene	< MRL	0.02
Sabinene	< MRL	0.02
beta-Pinene	< MRL	0.02
beta-Myrcene	< MRL	0.02
Alpha-phellandrene	< MRL	0.02
Carene	< MRL	0.02
alpha-terpinene	< MRL	0.02
p-Cymene	< MRL	0.02
Limonene	< MRL	0.02
Eucalyptol	< MRL	0.02
Ocimene	< MRL	0.02
gamma-Terpinene	< MRL	0.02
Sabinene Hydrate	< MRL	0.02
Terpinolene	< MRL	0.02
Linalool	< MRL	0.02
Fenchol	< MRL	0.02
Menthol	< MRL	0.02
Terpineol	< MRL	0.02
Citronellol	< MRL	0.02
Isopulegol	< MRL	0.02
Geraniol	< MRL	0.02
Alpha-cedrene	< MRL	0.02
Beta-Caryophyllene	< MRL	0.02
Farnesene	< MRL	0.02
alpha-Humulene	< MRL	0.02
Valencene	< MRL	0.02
cis-Nerolidol	< MRL	0.01
trans-Nerolidol	< MRL	0.01
Caryophyllene oxide	< MRL	0.02
Guaiol	< MRL	0.02
alpha-Bisabolol	< MRL	0.02

MRL = Minimum reporting limit/limit of quantification

Test ID: #69549 | Date Tested: 08/06/2024 04:40 AM

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

Version 2: Amended batch size info per client request - MWE

02/06/25

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**Residual Solvents: Green Spectrum Choco-Lit Gummy Raspberry (20240802-ECNY-001) 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	0.217
2-Propanol	PASS	< MRL	5000	32.489
Acetone	PASS	11.3	5000	6.498
Acetonitrile	PASS	< MRL	410	2.664
Butanes, total	PASS	< MRL	5000	32.489
Benzene	PASS	< MRL	2	0.043
Chloroform	PASS	< MRL	60	0.390
Dichloromethane	PASS	< MRL	600	3.899
Dimethyl Sulfoxide	PASS	< MRL	5000	58.480
Ethanol	PASS	410.3	5000	32.489
Ethyl acetate	PASS	< MRL	5000	32.489
Ethyl ether	PASS	< MRL	5000	32.489
n-Heptane	PASS	< MRL	5000	32.489
Hexanes, total	PASS	< MRL	290	1.884
Methanol	PASS	35.1	3000	19.493
Pentanes, total	PASS	< MRL	5000	32.489
Propane	PASS	< MRL	5000	32.489
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	121.053
Toluene	PASS	< MRL	890	5.783
Trichloroethane	PASS	< MRL	1500	58.480
Xylenes, total	PASS	< MRL	2170	14.100

MRL = Minimum reporting limit/limit of quantification

Test ID: #69548 | Date Tested: 08/04/2024 03:36 AM

**Version 2: Amended batch size info per client request - MWE**

**02/06/25**

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**Pesticides: Green Spectrum Choco-Lit Gummy Raspberry (20240802-ECNY-001) 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: #69547 | Date Tested: 08/06/2024 04:40 AM

**Version 2: Amended batch size info per client request - MWE**

**02/06/25**

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Mycotoxins: Green Spectrum Choco-Lit Gummy Raspberry (20240802-ECNY-001) <b>PASS</b>				
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: #69546   Date Tested: 08/06/2024 04:40 AM	

Heavy Metals: Green Spectrum Choco-Lit Gummy Raspberry (20240802-ECNY-001) <b>PASS</b>				
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	1100.0	8.00
Nickel	PASS	1.787	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: #69544   Date Tested: 08/05/2024 08:36 AM	

Microbiological Screen: Green Spectrum Choco-Lit Gummy Raspberry (20240802-ECNY-001) <b>PASS</b>				
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	< MRL	10000	10
Total Yeast & Mold	PASS	< MRL	1000	10
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: #69545   Date Tested: 08/05/2024 05:51 AM	

Water Activity: Green Spectrum Choco-Lit Gummy Raspberry (20240802-ECNY-001) <b>PASS</b>				
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	0.59	0.85	
MRL = Minimum reporting limit/limit of quantification			Test ID: #69550   Date Tested: 08/05/2024 03:12 AM	

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**02/06/25**

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Matthew Elmes  
Lab Director  
2/6/2025

**Deviations:** Terpene data associated with a laboratory control standard that was out of specification. RSA data associated with a laboratory control standard that was out of specification. Laboratory investigation conducted prior to reporting.



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