

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>	12/13/2024	<b>Sample ID:</b>	20241209-CRNA-001
<b>Client Name:</b>	Hemp Hunter Labs Inc. dba Cirona Labs	<b>Sample Name:</b>	PR-GL-PGMOGSC-01-1224
<b>Sampling Location:</b>	Rochester, New York	<b>Sample Matrix:</b>	Flower
<b>Contact Name:</b>	Tyler Bast	<b>Sample Sub Type:</b>	Infused pre-roll
<b>Contact Email:</b>	tyler@cironalabs.com	<b>Package ID:</b>	
<b>License Number:</b>	OCM-PROC-24-000051	<b>Batch Lot ID:</b>	PR-GL-PGMOGSC-01-1224
<b>Medical/Adult Use:</b>	Adult Use	<b>Batch Size:</b>	5580
<b>Sampling Date:</b>	12/09/2024 10:31:00 AM	<b>Serving Size (g):</b>	0.5

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

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

### Cannabinoids: PR-GL-PGMOGSC-01-1224 (20241209-CRNA-001)

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

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.986
CBDA	< MRL	< MRL	0.986
CBGA	1.252	6.261	0.986
CBG	< MRL	< MRL	0.986
CBD	< MRL	< MRL	0.986
THCV	< MRL	< MRL	0.986
CBN	< MRL	< MRL	0.986
D9-THC	16.963	84.813	0.986
D8-THC	< MRL	< MRL	0.986
D10-THC-S	< MRL	< MRL	0.986
D10-THC-R	< MRL	< MRL	0.986
CBC	< MRL	< MRL	0.986
THCA	17.905	89.523	0.986

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: #87212 | Date Tested: 12/11/2024 06:56 PM

Potency Summary	% w/w	mg/serving
<b>Total THC</b> [ $\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877) ]	32.665	163.325
<b>Total CBD</b> [ CBD + (CBDA * 0.877) ]	< MRL	< MRL
<b>Total Cannabinoids</b>	36.120	180.597



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

### Terpenes: PR-GL-PGMOGSC-01-1224 (20241209-CRNA-001)

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	< MRL	0.09
Camphene	< MRL	0.09
Sabinene	< MRL	0.09
beta-Pinene	< MRL	0.09
beta-Myrcene	< MRL	0.09
Alpha-phellandrene	< MRL	0.09
Carene	< MRL	0.09
alpha-terpinene	< MRL	0.09
p-Cymene	< MRL	0.09
Limonene	0.24	0.09
Eucalyptol	< MRL	0.09
Ocimene	< MRL	0.06
gamma-Terpinene	< MRL	0.09
Sabinene Hydrate	< MRL	0.09
Terpinolene	< MRL	0.09
Linalool	< MRL	0.09
Fenchol	< MRL	0.09
Menthol	< MRL	0.09
Terpineol	< MRL	0.09
Citronellol	< MRL	0.09
Isopulegol	< MRL	0.09
Geraniol	< MRL	0.09
Alpha-cedrene	0.17	0.07
Beta-Caryophyllene	0.84	0.09
Farnesene	< MRL	0.09
alpha-Humulene	0.43	0.09
Valencene	< MRL	0.09
cis-Nerolidol	< MRL	0.04
trans-Nerolidol	< MRL	0.05
Caryophyllene oxide	< MRL	0.09
Guaial	< MRL	0.09
alpha-Bisabolol	0.15	0.09

MRL = Minimum reporting limit/limit of quantification

Test ID: #87219 | Date Tested: 12/12/2024 02:56 PM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	1.83	10	PASS



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

### Residual Solvents: PR-GL-PGMOGSC-01-1224 (20241209-CRNA-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	5.053
2-Propanol	PASS	< MRL	5000	757.131
Acetone	PASS	< MRL	5000	151.426
Acetonitrile	PASS	< MRL	410	62.085
Butanes, total	PASS	< MRL	5000	757.131
Benzene	PASS	< MRL	2	1.011
Chloroform	PASS	< MRL	60	9.086
Dichloromethane	PASS	< MRL	600	90.856
Dimethyl Sulfoxide	PASS	< MRL	5000	1362.835
Ethanol	PASS	< MRL	5000	757.131
Ethyl acetate	PASS	< MRL	5000	757.131
Ethyl ether	PASS	< MRL	5000	757.131
n-Heptane	PASS	< MRL	5000	757.131
Hexanes, total	PASS	< MRL	290	43.914
Methanol	PASS	< MRL	3000	454.279
Pentanes, total	PASS	< MRL	5000	757.131
Propane	PASS	< MRL	5000	757.131
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	490.621
Toluene	PASS	< MRL	890	134.769
Trichloroethane	PASS	< MRL	1500	1362.835
Xylenes, total	PASS	< MRL	2170	328.596

MRL = Minimum reporting limit/limit of quantification

Test ID: #87218 | Date Tested: 12/13/2024 12:03 PM



Green Analytics NY, LLC  
401 North Middletown Road, Building 60B  
Pearl River, NY 10965  
www.greenanalyticsllc.com  
License #: OCM-CPL-00013  
ISO 17025 Certificate No.: 4356.09

### Pesticides: PR-GL-PGMOGSC-01-1224 (20241209-CRNA-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: #87217 | Date Tested: 12/12/2024 02:19 PM



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

### Mycotoxins: PR-GL-PGMOGSC-01-1224 (20241209-CRNA-001)

**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: #87216 | Date Tested: 12/12/2024 02:19 PM

### Heavy Metals: PR-GL-PGMOGSC-01-1224 (20241209-CRNA-001)

**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)
Chromium	PASS	< MRL	110.0	8.00
Nickel	PASS	< MRL	2.0	1.00
Copper	PASS	12.952	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: #87213 | Date Tested: 12/12/2024 09:19 AM

### Microbiological Screen: PR-GL-PGMOGSC-01-1224 (20241209-CRNA-001)

**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)
Total Aerobic Bacteria	PASS	18182	None	100
Total Yeast & Mold	PASS	< MRL	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: #87214 | Date Tested: 12/12/2024 08:30 AM

### Moisture Content: PR-GL-PGMOGSC-01-1224 (20241209-CRNA-001)

**PASS**

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

Analyte	Pass/Fail	Result (%)	Limit (%)
Moisture	PASS	6.6	15

MRL = Minimum reporting limit/limit of quantification

Test ID: #87215 | Date Tested: 12/12/2024 09:11 AM

### Water Activity: PR-GL-PGMOGSC-01-1224 (20241209-CRNA-001)

**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	0.34	0.65

MRL = Minimum reporting limit/limit of quantification

Test ID: #87220 | Date Tested: 12/12/2024 09:11 AM





# Certificate of Analysis

## Full Compliance Test

Green Analytics NY, LLC  
401 North Middletown Road, Building 60B  
Pearl River, NY 10965  
[www.greenanalyticsllc.com](http://www.greenanalyticsllc.com)  
License #s: OCM-CPL-00013  
ISO 17025 Certificate No.: 4356.09

---

Matthew Elmes  
Lab Director  
12/13/2024



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.