

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

Sample Result: PASS

Date Reported:	7/29/2024	Sample ID:	20240722-CRNA-008
Client Name:	Hemp Hunter Labs Inc. dba Cirona Labs	Sample Name:	PR-J-GGMW1-01-0624
Sampling Location:	Rochester, New York	Sample Matrix:	Flower
Contact Name:	Tyler Bast	Sample Sub Type:	Infused pre-roll
Contact Email:	tyler@cironalabs.com	Package ID:	
License Number:	OCM-AUCP-22-000002	Batch Lot ID:	PR-J-GGMW1-01-0624
Medical/Adult Use:	Adult Use	Batch Size:	700
Sampling Date:	07/22/2024 01:00:00 PM	Serving Size (g):	1

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

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

Cannabinoids: PR-J-GGMW1-01-0624 (20240722-CRNA-008)

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

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.044
CBDA	< MRL	< MRL	0.044
CBGA	1.212	12.118	0.044
CBG	0.613	6.126	0.044
CBD	0.098	0.976	0.044
THCV	< MRL	< MRL	0.044
CBN	0.734	7.339	0.044
D9-THC	15.094	150.941	0.044
D8-THC	< MRL	< MRL	0.044
D10-THC-S	< MRL	< MRL	0.044
D10-THC-R	< MRL	< MRL	0.044
CBC	0.070	0.695	0.044
THCA	20.066	200.663	0.044

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: #68583 | Date Tested: 07/24/2024 11:23 AM

Potency Summary	% w/w	mg/serving
Total THC [Δ^8 -THC + Δ^9 -THC + Δ^{10} -THC + (THCA * 0.877)]	32.692	326.922
Total CBD [CBD + (CBDA * 0.877)]	0.098	0.976
Total Cannabinoids	37.887	378.858



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Terpenes: PR-J-GGMW1-01-0624 (20240722-CRNA-008)

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	< MRL	0.06
Camphene	< MRL	0.06
Sabinene	< MRL	0.06
beta-Pinene	0.07	0.06
beta-Myrcene	0.12	0.06
Alpha-phellandrene	< MRL	0.06
Carene	< MRL	0.06
alpha-terpinene	0.28	0.06
p-Cymene	< MRL	0.06
Limonene	0.26	0.06
Eucalyptol	< MRL	0.06
Ocimene	< MRL	0.04
gamma-Terpinene	< MRL	0.06
Sabinene Hydrate	< MRL	0.06
Terpinolene	0.10	0.06
Linalool	< MRL	0.06
Fenchol	< MRL	0.06
Menthol	< MRL	0.06
Terpineol	< MRL	0.06
Citronellol	< MRL	0.06
Isopulegol	< MRL	0.06
Geraniol	< MRL	0.06
Alpha-cedrene	0.11	0.05
Beta-Caryophyllene	0.06	0.06
Farnesene	0.24	0.06
alpha-Humulene	0.24	0.06
Valencene	0.06	0.06
cis-Nerolidol	< MRL	0.02
trans-Nerolidol	< MRL	0.03
Caryophyllene oxide	< MRL	0.06
Guaiol	< MRL	0.06
alpha-Bisabolol	< MRL	0.06

MRL = Minimum reporting limit/limit of quantification

Test ID: #68591 | Date Tested: 07/28/2024 10:00 AM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	1.54	10	PASS



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Residual Solvents: PR-J-GGMW1-01-0624 (20240722-CRNA-008)

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	4.324
2-Propanol	PASS	< MRL	5000	647.864
Acetone	PASS	< MRL	5000	129.573
Acetonitrile	PASS	< MRL	410	53.125
Butanes, total	PASS	< MRL	5000	647.864
Benzene	PASS	< MRL	2	0.865
Chloroform	PASS	< MRL	60	7.774
Dichloromethane	PASS	< MRL	600	77.744
Dimethyl Sulfoxide	PASS	< MRL	5000	1166.155
Ethanol	PASS	< MRL	5000	647.864
Ethyl acetate	PASS	< MRL	5000	647.864
Ethyl ether	PASS	< MRL	5000	647.864
n-Heptane	PASS	< MRL	5000	647.864
Hexanes, total	PASS	< MRL	290	37.576
Methanol	PASS	< MRL	3000	388.719
Pentanes, total	PASS	< MRL	5000	647.864
Propane	PASS	< MRL	5000	647.864
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	419.816
Toluene	PASS	< MRL	890	115.320
Trichloroethane	PASS	< MRL	1500	1166.155
Xylenes, total	PASS	< MRL	2170	281.174

MRL = Minimum reporting limit/limit of quantification

Test ID: #68590 | Date Tested: 07/27/2024 05:42 AM



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Pesticides: PR-J-GGMW1-01-0624 (20240722-CRNA-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: #68589 | Date Tested: 07/28/2024 02:56 PM



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Mycotoxins: PR-J-GGMW1-01-0624 (20240722-CRNA-008)					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: #68588 Date Tested: 07/28/2024 02:56 PM		

Heavy Metals: PR-J-GGMW1-01-0624 (20240722-CRNA-008)					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	5.0	1.00	
Copper	PASS	16.450	30.0	8.00	
Arsenic	PASS	< MRL	0.2	0.10	
Cadmium	PASS	0.101	0.3	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: #68585 Date Tested: 07/24/2024 07:48 AM		

Microbiological Screen: PR-J-GGMW1-01-0624 (20240722-CRNA-008)					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	257500	None	100	
Total Yeast & Mold	PASS	1300	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: #68586 Date Tested: 07/28/2024 01:53 PM		

Moisture: PR-J-GGMW1-01-0624 (20240722-CRNA-008)					PASS
Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA)					
Analyte	Pass/Fail	Result (%)	Limit (%)		
Moisture	PASS	8.4	15		
MRL = Minimum reporting limit/limit of quantification			Test ID: #68587 Date Tested: 07/24/2024 10:48 AM		

Water Activity: PR-J-GGMW1-01-0624 (20240722-CRNA-008)					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	0.54	0.65		
MRL = Minimum reporting limit/limit of quantification			Test ID: #68592 Date Tested: 07/24/2024 10:48 AM		



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Filth and Foreign Material: PR-J-GGMW1-01-0624 (20240722-CRNA-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: #68584 | Date Tested: 07/24/2024 10:48 AM



Matthew Elmes
Lab Director
7/29/2024

