

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:	7/17/2024	Sample ID:	20240712-CRNA-001
Client Name:	Hemp Hunter Labs Inc. dba Cirona Labs	Sample Name:	Grape Balls of Fire
Sampling Location:	Rochester, New York	Sample Matrix:	Concentrate
Contact Name:	Tyler Bast	Sample Sub Type:	Concentrate
Contact Email:	tyler@cironalabs.com	Package ID:	
License Number:	OCM-AUCP-22-000002	Batch Lot ID:	C-KR-GBOF8-01-0724
Medical/Adult Use:	Adult Use	Batch Size:	193
Sampling Date:	07/12/2024 01:00:00 PM	Serving Size (g):	3.5

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

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

Cannabinoids: Grape Balls of Fire (20240712-CRNA-001)			
Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA)			
Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.205
CBDA	< MRL	< MRL	0.205
CBGA	1.882	65.882	0.205
CBG	< MRL	< MRL	0.205
CBD	< MRL	< MRL	0.205
THCV	< MRL	< MRL	0.205
CBN	< MRL	< MRL	0.205
D9-THC	0.671	23.485	0.205
D8-THC	< MRL	< MRL	0.205
D10-THC-S	< MRL	< MRL	0.205
D10-THC-R	< MRL	< MRL	0.205
CBC	< MRL	< MRL	0.205
THCA	84.863	2970.193	0.205

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

Test ID: #67789 | Date Tested: 07/14/2024 09:26 AM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta^8\text{-THC} + \Delta^9\text{-THC} + \Delta^{10}\text{-THC} + (\text{THCA} * 0.877)$]	75.096	2628.345
Total CBD [$\text{CBD} + (\text{CBDA} * 0.877)$]	< MRL	< MRL
Total Cannabinoids	87.416	3059.560



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Terpenes: Grape Balls of Fire (20240712-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	0.11
Camphene	< MRL	0.11
Sabinene	< MRL	0.11
beta-Pinene	< MRL	0.11
beta-Myrcene	0.65	0.11
Alpha-phellandrene	< MRL	0.11
Carene	< MRL	0.11
alpha-terpinene	< MRL	0.11
p-Cymene	< MRL	0.11
Limonene	0.24	0.11
Eucalyptol	< MRL	0.11
Ocimene	< MRL	0.08
gamma-Terpinene	< MRL	0.11
Sabinene Hydrate	< MRL	0.11
Terpinolene	< MRL	0.11
Linalool	0.12	0.11
Fenchol	< MRL	0.11
Menthol	< MRL	0.11
Terpineol	< MRL	0.11
Citronellol	< MRL	0.11
Isopulegol	< MRL	0.11
Geraniol	< MRL	0.11
Alpha-cedrene	< MRL	0.09
Beta-Caryophyllene	1.70	0.11
Farnesene	< MRL	0.11
alpha-Humulene	0.75	0.11
Valencene	< MRL	0.11
cis-Nerolidol	0.11	0.04
trans-Nerolidol	< MRL	0.07
Caryophyllene oxide	< MRL	0.11
Guaiol	< MRL	0.11
alpha-Bisabolol	0.28	0.11

MRL = Minimum reporting limit/limit of quantification

Test ID: #67795 | Date Tested: 07/16/2024 10:30 AM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	3.85	10	PASS



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Residual Solvents: Grape Balls of Fire (20240712-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	4.944
2-Propanol	PASS	< MRL	5000	740.770
Acetone	PASS	< MRL	5000	148.154
Acetonitrile	PASS	< MRL	410	60.743
Butanes, total	PASS	< MRL	5000	740.770
Benzene	PASS	< MRL	2	0.989
Chloroform	PASS	< MRL	60	8.889
Dichloromethane	PASS	< MRL	600	88.892
Dimethyl Sulfoxide	PASS	< MRL	5000	1333.385
Ethanol	PASS	< MRL	5000	740.770
Ethyl acetate	PASS	< MRL	5000	740.770
Ethyl ether	PASS	< MRL	5000	740.770
n-Heptane	PASS	< MRL	5000	740.770
Hexanes, total	PASS	< MRL	290	42.965
Methanol	PASS	< MRL	3000	444.463
Pentanes, total	PASS	< MRL	5000	740.770
Propane	PASS	< MRL	5000	740.770
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	480.019
Toluene	PASS	< MRL	890	131.857
Trichloroethane	PASS	< MRL	1500	1333.385
Xylenes, total	PASS	< MRL	2170	321.495

MRL = Minimum reporting limit/limit of quantification

Test ID: #67794 | Date Tested: 07/17/2024 11:38 AM



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Pesticides: Grape Balls of Fire (20240712-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
Fonicamid	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

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Test ID: #67793 | Date Tested: 07/16/2024 10:30 AM



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Mycotoxins: Grape Balls of Fire (20240712-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: #67792 Date Tested: 07/16/2024 10:30 AM		

Heavy Metals: Grape Balls of Fire (20240712-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	< MRL	30.0	8.00	
Arsenic	PASS	< MRL	0.2	0.10	
Cadmium	PASS	< MRL	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: #67790 Date Tested: 07/16/2024 07:13 AM		

Microbiological Screen: Grape Balls of Fire (20240712-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	< MRL	10000	100	
Total Yeast & Mold	PASS	< MRL	1000	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: #67791 Date Tested: 07/15/2024 02:27 PM		



Matthew Elmes
Lab Director
7/17/2024

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

