

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

Date Reported:	9/28/2024	Sample ID:	20240923-CRNA-014
Client Name:	Hemp Hunter Labs Inc. dba Cirona Labs	Sample Name:	E-KC-MKCB-01-0924
Sampling Location:	Rochester, New York	Sample Matrix:	Edible
Contact Name:	Tyler Bast	Sample Sub Type:	Chocolate
Contact Email:	tyler@cironalabs.com	Package ID:	
License Number:	OCM-PROC-24-000051	Batch Lot ID:	E-KC-MKCB-01-0924
Medical/Adult Use:	Adult Use	Batch Size:	1000
Sampling Date:	09/23/2024 01:00:00 PM	Serving Size (g):	2.7

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

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

Cannabinoids: E-KC-MKCB-01-0924 (20240923-CRNA-014)			
Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA)			
Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.011
CBDA	< MRL	< MRL	0.011
CBGA	< MRL	< MRL	0.011
CBG	0.012	0.324	0.011
CBD	< MRL	< MRL	0.011
THCV	< MRL	< MRL	0.011
CBN	< MRL	< MRL	0.011
D9-THC	0.173	4.658	0.011
D8-THC	< MRL	< MRL	0.011
D10-THC-S	< MRL	< MRL	0.011
D10-THC-R	< MRL	< MRL	0.011
CBC	< MRL	< MRL	0.011
THCA	< MRL	< MRL	0.011

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

Test ID: #75629 | Date Tested: 09/27/2024 01:06 PM

Potency Summary	% w/w	mg/serving
Total THC [Δ8-THC + Δ9-THC + Δ10-THC + (THCA * 0.877)]	0.173	4.658
Total CBD [CBD + (CBDA * 0.877)]	< MRL	< MRL
Total Cannabinoids	0.185	4.982



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Terpenes: E-KC-MKCB-01-0924 (20240923-CRNA-014)

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	< MRL	0.03
Camphene	< MRL	0.03
Sabinene	< MRL	0.03
beta-Pinene	< MRL	0.03
beta-Myrcene	< MRL	0.03
Alpha-phellandrene	< MRL	0.03
Carene	< MRL	0.03
alpha-terpinene	< MRL	0.03
p-Cymene	< MRL	0.03
Limonene	< MRL	0.03
Eucalyptol	< MRL	0.03
Ocimene	< MRL	0.02
gamma-Terpinene	< MRL	0.03
Sabinene Hydrate	< MRL	0.03
Terpinolene	< MRL	0.03
Linalool	< MRL	0.03
Fenchol	< MRL	0.03
Menthol	< MRL	0.03
Terpineol	< MRL	0.03
Citronellol	< MRL	0.03
Isopulegol	< MRL	0.03
Geraniol	< MRL	0.03
Alpha-cedrene	< MRL	0.02
Beta-Caryophyllene	< MRL	0.03
Farnesene	< MRL	0.03
alpha-Humulene	< MRL	0.03
Valencene	< MRL	0.03
cis-Nerolidol	< MRL	0.01
trans-Nerolidol	< MRL	0.02
Caryophyllene oxide	< MRL	0.03
Guaiol	< MRL	0.03
alpha-Bisabolol	< MRL	0.03

MRL = Minimum reporting limit/limit of quantification

Test ID: #75635 | Date Tested: 09/28/2024 10:56 AM

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



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.

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Residual Solvents: E-KC-MKCB-01-0924 (20240923-CRNA-014)

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	0.195
2-Propanol	PASS	< MRL	5000	29.283
Acetone	PASS	< MRL	5000	5.857
Acetonitrile	PASS	< MRL	410	2.401
Butanes, total	PASS	< MRL	5000	29.283
Benzene	PASS	< MRL	2	0.039
Chloroform	PASS	< MRL	60	0.351
Dichloromethane	PASS	< MRL	600	3.514
Dimethyl Sulfoxide	PASS	< MRL	5000	52.709
Ethanol	PASS	< MRL	5000	29.283
Ethyl acetate	PASS	< MRL	5000	29.283
Ethyl ether	PASS	< MRL	5000	29.283
n-Heptane	PASS	< MRL	5000	29.283
Hexanes, total	PASS	< MRL	290	1.698
Methanol	PASS	< MRL	3000	17.570
Pentanes, total	PASS	< MRL	5000	29.283
Propane	PASS	< MRL	5000	29.283
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	109.108
Toluene	PASS	< MRL	890	5.212
Trichloroethane	PASS	< MRL	1500	52.709
Xylenes, total	PASS	< MRL	2170	12.709

MRL = Minimum reporting limit/limit of quantification

Test ID: #75634 | Date Tested: 09/27/2024 12:52 PM



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.

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Pesticides: E-KC-MKCB-01-0924 (20240923-CRNA-014)

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: #75633 | Date Tested: 09/28/2024 10:56 AM



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.

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Mycotoxins: E-KC-MKCB-01-0924 (20240923-CRNA-014)					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: #75632 Date Tested: 09/28/2024 10:56 AM		

Heavy Metals: E-KC-MKCB-01-0924 (20240923-CRNA-014)					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	1100.0	8.00	
Nickel	PASS	1.249	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: #75630 Date Tested: 09/27/2024 09:26 PM		

Microbiological Screen: E-KC-MKCB-01-0924 (20240923-CRNA-014)					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	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: #75631 Date Tested: 09/27/2024 12:43 AM		

Water Activity: E-KC-MKCB-01-0924 (20240923-CRNA-014)				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	0.47	0.85	
MRL = Minimum reporting limit/limit of quantification			Test ID: #75636 Date Tested: 09/24/2024 02:05 PM	



Matthew Elmes
Lab Director
9/28/2024

