

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:	10/8/2024	Sample ID:	20241003-CRNA-001
Client Name:	Hemp Hunter Labs Inc. dba Cirona Labs	Sample Name:	E-KC-MKB-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-MKB-01-0924
Medical/Adult Use:	Adult Use	Batch Size:	2000
Sampling Date:	10/03/2024 01:00:00 PM	Serving Size (g):	2.5

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-MKB-01-0924 (20241003-CRNA-001)			
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	0.013	0.325	0.011
CBD	< MRL	< MRL	0.011
THCV	< MRL	< MRL	0.011
CBN	< MRL	< MRL	0.011
D9-THC	0.179	4.475	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: #77317 | Date Tested: 10/05/2024 12:29 PM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta^8\text{-THC} + \Delta^9\text{-THC} + \Delta^{10}\text{-THC} + (\text{THCA} * 0.877)$]	0.179	4.475
Total CBD [$\text{CBD} + (\text{CBDA} * 0.877)$]	< MRL	< MRL
Total Cannabinoids	0.192	4.800



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Terpenes: E-KC-MKB-01-0924 (20241003-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	0.01
Camphene	< MRL	0.01
Sabinene	< MRL	0.01
beta-Pinene	< MRL	0.01
beta-Myrcene	< MRL	0.01
Alpha-phellandrene	< MRL	0.01
Carene	< MRL	0.01
alpha-terpinene	< MRL	0.01
p-Cymene	< MRL	0.01
Limonene	< MRL	0.01
Eucalyptol	< MRL	0.01
Ocimene	< MRL	0.01
gamma-Terpinene	< MRL	0.01
Sabinene Hydrate	< MRL	0.01
Terpinolene	< MRL	0.01
Linalool	< MRL	0.01
Fenchol	< MRL	0.01
Menthol	< MRL	0.01
Terpineol	< MRL	0.01
Citronellol	< MRL	0.01
Isopulegol	< MRL	0.01
Geraniol	< MRL	0.01
Alpha-cedrene	< MRL	0.01
Beta-Caryophyllene	< MRL	0.01
Farnesene	< MRL	0.01
alpha-Humulene	< MRL	0.01
Valencene	< MRL	0.01
cis-Nerolidol	< MRL	0.01
trans-Nerolidol	< MRL	0.01
Caryophyllene oxide	< MRL	0.01
Guaiol	< MRL	0.01
alpha-Bisabolol	< MRL	0.01

MRL = Minimum reporting limit/limit of quantification

Test ID: #77323 | Date Tested: 10/07/2024 01:39 PM

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



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Residual Solvents: E-KC-MKB-01-0924 (20241003-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	0.219
2-Propanol	PASS	< MRL	5000	32.765
Acetone	PASS	< MRL	5000	6.553
Acetonitrile	PASS	< MRL	410	2.687
Butanes, total	PASS	< MRL	5000	32.765
Benzene	PASS	< MRL	2	0.044
Chloroform	PASS	< MRL	60	0.393
Dichloromethane	PASS	< MRL	600	3.932
Dimethyl Sulfoxide	PASS	< MRL	5000	58.976
Ethanol	PASS	< MRL	5000	32.765
Ethyl acetate	PASS	< MRL	5000	32.765
Ethyl ether	PASS	< MRL	5000	32.765
n-Heptane	PASS	< MRL	5000	32.765
Hexanes, total	PASS	< MRL	290	1.900
Methanol	PASS	< MRL	3000	19.659
Pentanes, total	PASS	< MRL	5000	32.765
Propane	PASS	< MRL	5000	32.765
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	122.081
Toluene	PASS	< MRL	890	5.832
Trichloroethane	PASS	< MRL	1500	58.976
Xylenes, total	PASS	< MRL	2170	14.220

MRL = Minimum reporting limit/limit of quantification

Test ID: #77322 | Date Tested: 10/08/2024 10:12 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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Pesticides: E-KC-MKB-01-0924 (20241003-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

MRL = Minimum reporting limit/limit of quantification

Test ID: #77321 | Date Tested: 10/07/2024 01:39 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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Mycotoxins: E-KC-MKB-01-0924 (20241003-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: #77320 Date Tested: 10/07/2024 01:39 PM	

Heavy Metals: E-KC-MKB-01-0924 (20241003-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	1100.0	8.00
Nickel	PASS	1.311	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	0.420	0.5	0.20
MRL = Minimum reporting limit/limit of quantification			Test ID: #77318 Date Tested: 10/07/2024 11:19 AM	

Microbiological Screen: E-KC-MKB-01-0924 (20241003-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	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: #77319 Date Tested: 10/07/2024 09:43 AM	

Water Activity: E-KC-MKB-01-0924 (20241003-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	0.45	0.85
MRL = Minimum reporting limit/limit of quantification			Test ID: #77324 Date Tested: 10/07/2024 08:54 AM



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Matthew Elmes
Lab Director
10/8/2024

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

