

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>	9/17/2024	<b>Sample ID:</b>	20240909-CRNA-003
<b>Client Name:</b>	Hemp Hunter Labs Inc. dba Cirona Labs	<b>Sample Name:</b>	E-KC-DMMB-01-0824
<b>Sampling Location:</b>	Rochester, New York	<b>Sample Matrix:</b>	Edible
<b>Contact Name:</b>	Tyler Bast	<b>Sample Sub Type:</b>	Chocolate
<b>Contact Email:</b>	tyler@cironalabs.com	<b>Package ID:</b>	
<b>License Number:</b>	OCM-PROC-24-000051	<b>Batch Lot ID:</b>	E-KC-DMMB-01-0824
<b>Medical/Adult Use:</b>	Adult Use	<b>Batch Size:</b>	2000
<b>Sampling Date:</b>	09/09/2024 01:00:00 PM	<b>Serving Size (g):</b>	2.6

<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>-</b>	<b>Filth &amp; Foreign Material</b>	<b>-</b>		

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

Cannabinoids: E-KC-DMMB-01-0824 (20240909-CRNA-003)			
Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA)			
Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.004
CBDA	< MRL	< MRL	0.004
CBGA	< MRL	< MRL	0.004
CBG	0.015	0.390	0.004
CBD	< MRL	< MRL	0.004
THCV	< MRL	< MRL	0.004
CBN	0.075	1.950	0.004
D9-THC	0.184	4.784	0.004
D8-THC	< MRL	< MRL	0.004
D10-THC-S	< MRL	< MRL	0.004
D10-THC-R	< MRL	< MRL	0.004
CBC	< MRL	< MRL	0.004
THCA	< MRL	< MRL	0.004
MRL = Minimum reporting limit/limit of quantification mg/serving = % w/w x10 x serving size weight (g)			Test ID: #74404   Date Tested: 09/11/2024 09:44 AM

Potency Summary	% w/w	mg/serving
<b>Total THC</b> [ $\Delta 8\text{-THC} + \Delta 9\text{-THC} + \Delta 10\text{-THC} + (\text{THCA} * 0.877)$ ]	0.184	4.784
<b>Total CBD</b> [ $\text{CBD} + (\text{CBDA} * 0.877)$ ]	< MRL	< MRL
<b>Total Cannabinoids</b>	0.274	7.124



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### Terpenes: E-KC-DMMB-01-0824 (20240909-CRNA-003)

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	0.03	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: #74410 | Date Tested: 09/12/2024 04:27 PM

Terpenes Summary	Result	Limit	Pass/Fail
<b>Total Terpenes (% w/w)</b>	0.03	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-DMMB-01-0824 (20240909-CRNA-003)

**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	0.189
2-Propanol	PASS	< MRL	5000	28.316
Acetone	PASS	< MRL	5000	5.663
Acetonitrile	PASS	< MRL	410	2.322
Butanes, total	PASS	< MRL	5000	28.316
Benzene	PASS	< MRL	2	0.038
Chloroform	PASS	< MRL	60	0.340
Dichloromethane	PASS	< MRL	600	3.398
Dimethyl Sulfoxide	PASS	< MRL	5000	50.968
Ethanol	PASS	< MRL	5000	28.316
Ethyl acetate	PASS	< MRL	5000	28.316
Ethyl ether	PASS	< MRL	5000	28.316
n-Heptane	PASS	< MRL	5000	28.316
Hexanes, total	PASS	< MRL	290	1.642
Methanol	PASS	< MRL	3000	16.989
Pentanes, total	PASS	< MRL	5000	28.316
Propane	PASS	< MRL	5000	28.316
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	105.505
Toluene	PASS	< MRL	890	5.040
Trichloroethane	PASS	< MRL	1500	50.968
Xylenes, total	PASS	< MRL	2170	12.289

MRL = Minimum reporting limit/limit of quantification

Test ID: #74409 | Date Tested: 09/13/2024 11:53 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.

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**Pesticides: E-KC-DMMB-01-0824 (20240909-CRNA-003)**

**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: #74408 | Date Tested: 09/12/2024 04:27 PM



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Mycotoxins: E-KC-DMMB-01-0824 (20240909-CRNA-003)					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: #74407   Date Tested: 09/12/2024 04:27 PM		

Heavy Metals: E-KC-DMMB-01-0824 (20240909-CRNA-003)					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	2.080	20.0	1.00	
Copper	PASS	9.416	300.0	8.00	
Arsenic	PASS	< MRL	1.5	0.10	
Cadmium	PASS	0.105	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: #74405   Date Tested: 09/12/2024 11:12 AM		

Microbiological Screen: E-KC-DMMB-01-0824 (20240909-CRNA-003)					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	140	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: #74406   Date Tested: 09/13/2024 07:56 AM		

Water Activity: E-KC-DMMB-01-0824 (20240909-CRNA-003)				PASS
Water activity analysis utilizing a chilled mirror dew point sensor (SOP-059-GA)				
Analyte	Pass/Fail	Result (a <sub>w</sub> )	Limit (a <sub>w</sub> )	
Water Activity	PASS	0.41	0.85	
MRL = Minimum reporting limit/limit of quantification			Test ID: #74411   Date Tested: 09/11/2024 11:18 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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Matthew Elmes  
Lab Director  
9/17/2024

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

