

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:	5/2/2025	Sample ID:	20250424-FERN-002
Client Name:	UrbanXtracts dba Fernway	Sample Name:	King Louie - 1.0g(T)
Sampling Location:	Warwick, New York	Sample Matrix:	Concentrate
License Number:	OCM-PROC-24-000083	Sample Sub Type:	Vape
Phone:	212.925.1070	Package ID:	
Medical/Adult Use:	Adult Use	Batch Lot ID:	FNY-UX-KINGLO-T1G-250423
Sampling Date:	04/24/2025 03:00:00 PM	Batch Size:	3000
		Serving Size (g):	1

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: King Louie - 1.0g(T) (20250424-FERN-002)			
Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA)			
Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.320
CBDA	< MRL	< MRL	0.320
CBGA	< MRL	< MRL	0.320
CBG	3.364	33.638	0.320
CBD	1.491	14.914	0.320
THCV	0.664	6.638	0.320
CBN	0.602	6.022	0.320
D9-THC	79.096	790.960	0.320
D8-THC	< MRL	< MRL	0.320
D10-THC-S	< MRL	< MRL	0.320
D10-THC-R	< MRL	< MRL	0.320
CBC	1.111	11.110	0.320
THCA	< MRL	< MRL	0.320

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

Test ID: #104884 | Date Tested: 04/29/2025 04:51 AM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta^8\text{-THC} + \Delta^9\text{-THC} + \Delta^{10}\text{-THC} + (\text{THCA} * 0.877)$]	79.096	790.960
Total CBD [$\text{CBD} + (\text{CBDA} * 0.877)$]	1.491	14.914
Total Cannabinoids	86.328	863.282



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Terpenes: King Louie - 1.0g(T) (20250424-FERN-002)

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	0.13	0.09
Camphene	< MRL	0.09
Sabinene	< MRL	0.09
beta-Pinene	0.16	0.09
beta-Myrcene	0.33	0.09
Alpha-phellandrene	< MRL	0.09
Carene	< MRL	0.09
alpha-terpinene	< MRL	0.09
p-Cymene	< MRL	0.09
Limonene	1.06	0.09
Eucalyptol	< MRL	0.09
Ocimene	0.20	0.07
gamma-Terpinene	< MRL	0.09
Sabinene Hydrate	< MRL	0.09
Terpinolene	0.77	0.09
Linalool	0.19	0.09
Fenchol	0.09	0.09
Menthol	< MRL	0.09
Terpineol	< MRL	0.09
Citronellol	< MRL	0.09
Isopulegol	< MRL	0.09
Geraniol	< MRL	0.09
Alpha-cedrene	< MRL	0.07
Beta-Caryophyllene	1.93	0.09
Farnesene	0.13	0.09
alpha-Humulene	0.99	0.09
Valencene	0.14	0.09
cis-Nerolidol	< MRL	0.04
trans-Nerolidol	< MRL	0.05
Caryophyllene oxide	0.18	0.09
Guaiol	< MRL	0.09
alpha-Bisabolol	0.15	0.09

MRL = Minimum reporting limit/limit of quantification

Test ID: #104889 | Date Tested: 05/02/2025 07:17 AM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	6.45	10	PASS



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Residual Solvents: King Louie - 1.0g(T) (20250424-FERN-002)

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	3.877
2-Propanol	PASS	< MRL	5000	580.864
Acetone	PASS	< MRL	5000	116.173
Acetonitrile	PASS	< MRL	410	47.631
Butanes, total	PASS	< MRL	5000	580.864
Benzene	PASS	< MRL	2	0.775
Chloroform	PASS	< MRL	60	6.970
Dichloromethane	PASS	< MRL	600	69.704
Dimethyl Sulfoxide	PASS	< MRL	5000	1045.555
Ethanol	PASS	< MRL	5000	580.864
Ethyl acetate	PASS	< MRL	5000	580.864
Ethyl ether	PASS	< MRL	5000	580.864
n-Heptane	PASS	< MRL	5000	580.864
Hexanes, total	PASS	< MRL	290	33.690
Methanol	PASS	< MRL	3000	348.519
Pentanes, total	PASS	< MRL	5000	580.864
Propane	PASS	< MRL	5000	580.864
Tetrafluoroethane (1,1,1,2-) (HFC-134a)	PASS	< MRL	1000	376.400
Toluene	PASS	< MRL	890	103.394
Trichloroethane	PASS	< MRL	1500	1045.555
Xylenes, total	PASS	< MRL	2170	252.096

MRL = Minimum reporting limit/limit of quantification

Test ID: #104887 | Date Tested: 04/27/2025 11:57 AM



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Pesticides: King Louie - 1.0g(T) (20250424-FERN-002)

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: #104888 | Date Tested: 04/29/2025 06:10 AM



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Mycotoxins: King Louie - 1.0g(T) (20250424-FERN-002)				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: #104885 Date Tested: 04/29/2025 06:11 AM	

Heavy Metals: King Louie - 1.0g(T) (20250424-FERN-002)				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	0.2	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: #104886 Date Tested: 04/26/2025 10:57 AM	

Microbiological Screen: King Louie - 1.0g(T) (20250424-FERN-002)				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: #104890 Date Tested: 04/27/2025 06:20 AM	



Matthew Elmes
Lab Director
5/2/2025



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