

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:	3/22/2024	Sample ID:	20240319-CRLNAU-016
Client Name:	CuraLeaf NY, Adult Use	Sample Name:	CUR, FLOWER, (H) URK, Grassroots, 20-1 THC, 7.0g 1400mg
Sampling Location:	Ravena, New York	Sample Matrix:	Flower
Contact Name:	Phil Donohue	Sample Sub Type:	Flower
Contact Email:	Philip.Donohue@curaleaf.com	Package ID:	31629
License Number:	OCM-XROD-23-000001	Batch Lot ID:	P-AUGRWF702024-427A
Medical/Adult Use:	Adult Use	Batch Size:	500
Sampling Date:	03/19/2024 08:00:00 AM	Serving Size (g):	0.0125

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

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

Cannabinoids: CUR, FLOWER, (H) URK, Grassroots, 20-1 THC, 7.0g 1400mg (20240319-CRLNAU-016)

Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA)

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.043
CBDA	< MRL	< MRL	0.043
CBGA	0.288	0.036	0.043
CBG	0.214	0.027	0.043
CBD	< MRL	< MRL	0.043
THCV	< MRL	< MRL	0.043
CBN	< MRL	< MRL	0.043
D9-THC	0.959	0.120	0.043
D8-THC	< MRL	< MRL	0.043
D10-THC-S	< MRL	< MRL	0.043
D10-THC-R	< MRL	< MRL	0.043
CBC	< MRL	< MRL	0.043
THCA	23.560	2.945	0.043

MRL = Minimum reporting limit/limit of quantification
Reported on a dry-weight basis

Test ID: #55897 | Date Tested: 03/20/2024 10:01 AM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877)]	21.621	2.703
Total CBD [CBD + (CBDA * 0.877)]	< MRL	< MRL
Total Cannabinoids	25.021	3.128



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Terpenes: CUR, FLOWER, (H) URK, Grassroots, 20-1 THC, 7.0g 1400mg (20240319-CRLNAU-016)

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	0.33	0.05
Camphene	< MRL	0.05
Sabinene	< MRL	0.05
beta-Pinene	0.09	0.05
beta-Myrcene	1.57	0.05
Alpha-phellandrene	< MRL	0.05
Carene	< MRL	0.05
alpha-terpinene	< MRL	0.05
p-Cymene	< MRL	0.05
Limonene	0.10	0.05
Eucalyptol	< MRL	0.05
Ocimene	0.16	0.04
gamma-Terpinene	< MRL	0.05
Sabinene Hydrate	< MRL	0.05
Terpinolene	< MRL	0.05
Linalool	0.18	0.05
Fenchol	< MRL	0.05
Menthol	< MRL	0.05
Terpineol	< MRL	0.05
Citronellol	< MRL	0.05
Isopulegol	< MRL	0.05
Geraniol	< MRL	0.05
Alpha-cedrene	< MRL	0.04
Beta-Caryophyllene	0.26	0.05
Farnesene	< MRL	0.05
alpha-Humulene	0.13	0.05
Valencene	< MRL	0.05
cis-Nerolidol	< MRL	0.02
trans-Nerolidol	< MRL	0.03
Caryophyllene oxide	< MRL	0.05
Guaiol	< MRL	0.05
alpha-Bisabolol	< MRL	0.05

MRL = Minimum reporting limit/limit of quantification

Test ID: #55904 | Date Tested: 03/21/2024 12:00 AM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	2.82	10	PASS



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**Pesticides: CUR, FLOWER, (H) URK, Grassroots, 20-1 THC, 7.0g 1400mg (20240319- PASS
CRLNAU-016)**

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	0.097
Acephate	PASS	< MRL	0.40	0.097
Acequinocyl	PASS	< MRL	2.00	0.097
Acetamiprid	PASS	< MRL	0.20	0.097
Aldicarb	PASS	< MRL	0.40	0.097
Azadirachtin	PASS	< MRL	1.00	0.242
Azoxystrobin	PASS	< MRL	0.20	0.097
Bifenazate	PASS	< MRL	0.20	0.097
Bifenthrin	PASS	< MRL	0.20	0.097
Boscalid	PASS	< MRL	0.40	0.097
Captan	PASS	< MRL	1.00	0.484
Carbaryl	PASS	< MRL	0.20	0.097
Carbofuran	PASS	< MRL	0.20	0.097
Chlorantranilprole	PASS	< MRL	0.20	0.097
Chlordane	PASS	< MRL	1.00	0.242
Chlorfenapyr	PASS	< MRL	1.00	0.048
Chlormequat chloride	PASS	< MRL	1.00	0.097
Chlorpyrifos	PASS	< MRL	0.20	0.097
Clofentezine	PASS	< MRL	0.20	0.097
Coumaphos	PASS	< MRL	1.00	0.097
Cyfluthrin	PASS	< MRL	1.00	0.097
Cypermethrin	PASS	< MRL	1.00	0.097
Daminozide	PASS	< MRL	1.00	0.097
Diazinon	PASS	< MRL	0.20	0.097
Dichlorvos	PASS	< MRL	1.00	0.097
Dimethoate	PASS	< MRL	0.20	0.097
Dimethomorph	PASS	< MRL	1.00	0.097
Ethoprophos	PASS	< MRL	0.20	0.097
Etofenprox	PASS	< MRL	0.40	0.097
Etoxazole	PASS	< MRL	0.20	0.097
Fenhexamid	PASS	< MRL	1.00	0.097
Fenoxycarb	PASS	< MRL	0.20	0.097
Fenpyroximate	PASS	< MRL	0.40	0.097
Fipronil	PASS	< MRL	0.40	0.097
Fonicamid	PASS	< MRL	1.00	0.097
Fludioxonil	PASS	< MRL	0.40	0.097
Hexythiazox	PASS	< MRL	1.00	0.097
Imazalil	PASS	< MRL	0.20	0.097
Imidacloprid	PASS	< MRL	0.40	0.097
Indole-3-butyric acid	PASS	< MRL	1.00	0.242
Kresoxim-methyl	PASS	< MRL	0.40	0.097
Malathion	PASS	< MRL	0.20	0.097
Metalaxyl	PASS	< MRL	0.20	0.097
Methiocarb	PASS	< MRL	0.20	0.097
Methomyl	PASS	< MRL	0.40	0.097
Methyl Parathion	PASS	< MRL	0.20	0.048
Mevinphos	PASS	< MRL	1.00	0.097
MGK-264 I/II	PASS	< MRL	0.20	0.097
Myclobutanil	PASS	< MRL	0.20	0.097
Naled	PASS	< MRL	0.50	0.097
Oxamyl	PASS	< MRL	1.00	0.097
Paclobutrazol	PASS	< MRL	0.40	0.097
Pentachloronitrobenzene	PASS	< MRL	1.00	0.242
Permethrins, total	PASS	< MRL	0.20	0.097
Phosmet	PASS	< MRL	0.20	0.097
Piperonyl butoxide	PASS	< MRL	2.00	0.097
Prallethrin	PASS	< MRL	0.20	0.097
Propiconazole	PASS	< MRL	0.40	0.097
Propoxur	PASS	< MRL	0.20	0.097
Pyrethrins	PASS	< MRL	1.00	0.097
Pyridaben	PASS	< MRL	0.20	0.097
Spinetoram, Total	PASS	< MRL	1.00	0.097
Spinosad, Total	PASS	< MRL	0.20	0.097
Spiromesifen	PASS	< MRL	0.20	0.097
Spirotetramat	PASS	< MRL	0.20	0.097
Spiroxamine	PASS	< MRL	0.20	0.097
Tebuconazole	PASS	< MRL	0.40	0.097
Thiacloprid	PASS	< MRL	0.20	0.097
Thiamethoxam	PASS	< MRL	0.20	0.097
Trifloxystrobin	PASS	< MRL	0.20	0.097

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Test ID: #55903 | Date Tested: 03/22/2024 09:00 AM



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Mycotoxins: CUR, FLOWER, (H) URK, Grassroots, 20-1 THC, 7.0g 1400mg (20240319-CRLNAU-016)

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: #55902 | Date Tested: 03/22/2024 09:00 AM

Heavy Metals: CUR, FLOWER, (H) URK, Grassroots, 20-1 THC, 7.0g 1400mg (20240319-CRLNAU-016)

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	5.0	1.00
Copper	PASS	10.41	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: #55899 | Date Tested: 03/18/2024 10:57 AM

Microbiological Screen: CUR, FLOWER, (H) URK, Grassroots, 20-1 THC, 7.0g 1400mg (20240319-CRLNAU-016)

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	None	100
Total Yeast & Mold	PASS	< MRL	None	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: #55900 | Date Tested: 03/21/2024 11:30 PM

Moisture: CUR, FLOWER, (H) URK, Grassroots, 20-1 THC, 7.0g 1400mg (20240319-CRLNAU-016)

PASS

Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA)

Analyte	Pass/Fail	Result (%)	Limit (%)
Moisture	PASS	9.7	15

MRL = Minimum reporting limit/limit of quantification

Test ID: #55901 | Date Tested: 03/20/2024 09:54 AM



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Water Activity: CUR, FLOWER, (H) URK, Grassroots, 20-1 THC, 7.0g 1400mg
(20240319-CRLNAU-016)

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	0.32	0.65

MRL = Minimum reporting limit/limit of quantification

Test ID: #55905 | Date Tested: 03/20/2024 09:54 AM

Filth and Foreign Material: CUR, FLOWER, (H) URK, Grassroots, 20-1 THC, 7.0g
1400mg (20240319-CRLNAU-016)

PASS

Filth and Foreign Material analysis utilizing microscopy (SOP-057-NY)

Analyte	Results	Limit	Pass/Fail
Foreign Material (other, % m/m)	ND	2	PASS
Foreign Material (stems, % m/m)	ND	5	PASS
Mammalian Excreta (mg/lb)	ND	1	PASS

ND = Not Detected

Test ID: #55898 | Date Tested: 03/20/2024 09:55 AM



Ellen Parkin
Lab Director
3/22/2024

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

