

Green Analytics NY, LLC  
401 North Middletown Road, Building 60B  
Pearl River, NY 10965  
www.greenanalyticsllc.com  
License #: OCMPPCL-00013  
ISO 17025 Certificate No.: 4356.09

### Sample Result: PASS

<b>Date Reported:</b>	4/21/2024	<b>Sample ID:</b>	20240416-CRLNAU-007
<b>Client Name:</b>	CuraLeaf NY, Adult Use	<b>Sample Name:</b>	CUR, FLOWER, (I) GLA, Grassroots, 20-1 THC, 7.0g 1400mg
<b>Sampling Location:</b>	Ravena, New York	<b>Sample Matrix:</b>	Flower
<b>Contact Name:</b>	Phil Donohue	<b>Sample Sub Type:</b>	Flower
<b>Contact Email:</b>	Philip.Donohue@curaleaf.com	<b>Package ID:</b>	35158
<b>License Number:</b>	OCM-XROD-23-000001	<b>Batch Lot ID:</b>	P-AUGRWF702024-483A
<b>Medical/Adult Use:</b>	Adult Use	<b>Batch Size:</b>	400
<b>Sampling Date:</b>	04/16/2024 08:00:00 AM	<b>Serving Size (g):</b>	0.0125

<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>-</b>	<b>Terpenes</b>	<b>P</b>
		<b>Moisture</b>	<b>P</b>	<b>Filth &amp; Foreign Material</b>	<b>P</b>		

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

### Cannabinoids: CUR, FLOWER, (I) GLA, Grassroots, 20-1 THC, 7.0g 1400mg (20240416-CRLNAU-007)

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

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.045
CBDA	0.072	0.009	0.045
CBGA	0.922	0.115	0.045
CBG	0.118	0.015	0.045
CBD	< MRL	< MRL	0.045
THCV	< MRL	< MRL	0.045
CBN	< MRL	< MRL	0.045
D9-THC	1.233	0.154	0.045
D8-THC	< MRL	< MRL	0.045
D10-THC-S	< MRL	< MRL	0.045
D10-THC-R	< MRL	< MRL	0.045
CBC	< MRL	< MRL	0.045
THCA	26.493	3.312	0.045

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

Test ID: #58909 | Date Tested: 04/17/2024 10:25 AM

Potency Summary	% w/w	mg/serving
<b>Total THC</b> [ $\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877) ]	24.467	3.058
<b>Total CBD</b> [ CBD + (CBDA * 0.877) ]	0.063	0.008
<b>Total Cannabinoids</b>	28.838	3.605



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**Terpenes: CUR, FLOWER, (I) GLA, Grassroots, 20-1 THC, 7.0g 1400mg (20240416-CRLNAU-007)**

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	< MRL	0.06
Camphene	< MRL	0.06
Sabinene	< MRL	0.06
beta-Pinene	0.06	0.06
beta-Myrcene	0.51	0.06
Alpha-phellandrene	< MRL	0.06
Carene	< MRL	0.06
alpha-terpinene	< MRL	0.06
p-Cymene	< MRL	0.06
Limonene	0.37	0.06
Eucalyptol	< MRL	0.06
Ocimene	< MRL	0.04
gamma-Terpinene	< MRL	0.06
Sabinene Hydrate	< MRL	0.06
Terpinolene	< MRL	0.06
Linalool	0.21	0.06
Fenchol	< MRL	0.06
Menthol	< MRL	0.06
Terpineol	< MRL	0.06
Citronellol	< MRL	0.06
Isopulegol	< MRL	0.06
Geraniol	< MRL	0.06
Alpha-cedrene	< MRL	0.04
Beta-Caryophyllene	0.72	0.06
Farnesene	< MRL	0.06
alpha-Humulene	0.33	0.06
Valencene	< MRL	0.06
cis-Nerolidol	< MRL	0.02
trans-Nerolidol	< MRL	0.03
Caryophyllene oxide	< MRL	0.06
Guaiol	< MRL	0.06
alpha-Bisabolol	0.09	0.06

MRL = Minimum reporting limit/limit of quantification

Test ID: #58916 | Date Tested: 04/19/2024 09:20 AM

Terpenes Summary	Result	Limit	Pass/Fail
<b>Total Terpenes (% w/w)</b>	2.29	10	PASS



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**Pesticides: CUR, FLOWER, (I) GLA, Grassroots, 20-1 THC, 7.0g 1400mg  
(20240416-CRLNAU-007)**

**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: #58915 | Date Tested: 04/20/2024 02:30 PM



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Mycotoxins: CUR, FLOWER, (I) GLA, Grassroots, 20-1 THC, 7.0g 1400mg (20240416-CRLNAU-007) <span style="float: right;">PASS</span>				
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: #58914   Date Tested: 04/20/2024 02:30 PM	

Heavy Metals: CUR, FLOWER, (I) GLA, Grassroots, 20-1 THC, 7.0g 1400mg (20240416-CRLNAU-007) <span style="float: right;">PASS</span>				
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	< MRL	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: #58911   Date Tested: 04/19/2024 02:44 PM	

Microbiological Screen: CUR, FLOWER, (I) GLA, Grassroots, 20-1 THC, 7.0g 1400mg (20240416-CRLNAU-007) <span style="float: right;">PASS</span>				
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	2150	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: #58912   Date Tested: 04/19/2024 10:40 AM	

Moisture: CUR, FLOWER, (I) GLA, Grassroots, 20-1 THC, 7.0g 1400mg (20240416-CRLNAU-007) <span style="float: right;">PASS</span>				
Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA)				
Analyte	Pass/Fail	Result (%)	Limit (%)	
Moisture	PASS	8.4	15	
MRL = Minimum reporting limit/limit of quantification			Test ID: #58913   Date Tested: 04/17/2024 10:22 AM	



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Water Activity: CUR, FLOWER, (I) GLA, Grassroots, 20-1 THC, 7.0g 1400mg (20240416-CRLNAU-007)			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	0.33	0.65
MRL = Minimum reporting limit/limit of quantification		Test ID: #58917   Date Tested: 04/17/2024 10:22 AM	

Filt and Foreign Material: CUR, FLOWER, (I) GLA, Grassroots, 20-1 THC, 7.0g 1400mg (20240416-CRLNAU-007)			PASS
Filt 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: #58910   Date Tested: 04/17/2024 10:22 AM	



Ellen Parkin  
Lab Director  
4/21/2024

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

