

Sample Result: PASS

Date Reported:	11/16/2023	Sample ID:	20231110-CRLN-004
Client Name:	CuraLeaf NY	Sample Name:	CUR, FLOWER. (S) DTA, 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:	18330
License Number:	MM1001M	Batch Lot Id:	P-AUGRWF702023-880A/ETS
Medical/Adult Use:	Medical	Batch Size:	1200
Sampling Date:	11/10/2023 08:00:00	Serving Size (g):	7

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. (S) DTA, 20-1 THC, 7.0g 1400mg (20231110-CRLN-004)

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

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.0415
CBDA	< MRL	< MRL	0.0415
CBGA	1.8610	130.2720	0.0415
CBG	2.4750	173.2830	0.0415
CBD	< MRL	< MRL	0.0415
THCV	< MRL	< MRL	0.0415
CBN	< MRL	< MRL	0.0415
D9-THC	0.0760	5.3080	0.0415
D8-THC	0.0780	5.4450	0.0415
D10-THC-S	< MRL	< MRL	0.0415
D10-THC-R	< MRL	< MRL	0.0415
CBC	< MRL	< MRL	0.0415
THCA	21.9600	1537.2320	0.0415

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

Test ID: #30048 | Date Tested: 11/14/2023 11:00 AM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877)]	19.413	1358.905
Total CBD [CBD + (CBDA * 0.877)]	< MRL	< MRL
Total Cannabinoids	26.450	1851.540



Terpenes: CUR, FLOWER. (S) DTA, 20-1 THC, 7.0g 1400mg (20231110-CRLN-004)

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	0.069	0.050
Camphene	< MRL	0.050
beta-Pinene	0.110	0.050
beta-Myrcene	0.384	0.050
Carene	< MRL	0.050
alpha-Terpinene	< MRL	0.050
p-Cymene	< MRL	0.050
Limonene	0.150	0.050
Eucalyptol	< MRL	0.050
Ocimene	0.251	0.050
gamma-Terpinene	< MRL	0.050
Terpinolene	0.526	0.050
Linalool	< MRL	0.050
Isopulegol	< MRL	0.050
Geraniol	< MRL	0.050
Beta-Caryophyllene	0.145	0.050
alpha-Humulene	< MRL	0.050
cis-Nerolidol	< MRL	0.050
trans-Nerolidol	< MRL	0.050
Caryophyllene oxide	< MRL	0.050
Guaiol	< MRL	0.050
alpha-Bisabolol	< MRL	0.050

MRL = Minimum reporting limit/limit of quantification

Test ID: #30049 | Date Tested: 11/13/2023 05:15 PM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	1.64	10	PASS

Pesticides: CUR, FLOWER. (S) DTA, 20-1 THC, 7.0g 1400mg (20231110-CRLN-004) Pass

Pesticides analysis was sub-contracted to another OCM permitted laboratory. See appended COA.

MRL = Minimum reporting limit/limit of quantification

Test ID: #30050

Mycotoxins: CUR, FLOWER. (S) DTA, 20-1 THC, 7.0g 1400mg (20231110-CRLN-004)

Pass

Mycotoxins analysis was sub-contracted to another OCM permitted laboratory. See appended COA.

MRL = Minimum reporting limit/limit of quantification

Test ID: #30051



Heavy Metals: CUR, FLOWER. (S) DTA, 20-1 THC, 7.0g 1400mg (20231110-CRLN-004)

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)
Antimony	PASS	< MRL	2.0	1.00
Arsenic	PASS	< MRL	0.2	0.10
Cadmium	PASS	< MRL	0.3	0.10
Chromium	PASS	< MRL	110.0	8.00
Copper	PASS	< MRL	30.0	8.00
Lead	PASS	< MRL	0.5	0.20
Mercury	PASS	< MRL	0.1	0.05
Nickel	PASS	< MRL	2.0	1.00

MRL = Minimum reporting limit/limit of quantification

Test ID: #30052 | Date Tested: 11/12/2023 09:21 PM

Microbiological Screen: CUR, FLOWER. (S) DTA, 20-1 THC, 7.0g 1400mg (20231110-CRLN-004)

PASS

Microbial analysis utilizing quantitative Polymerase Chain Reaction and microbial enumeration (qPCR; SOP-700-NY, SOP-701-NY)

Analyte	Results (CFU/g)	MRL (CFU/g)	Limit (CFU/g)	Pass/Fail
Total Aerobic Bacteria	650	100	100000	PASS
Total Yeast & Mold	950	100	10000	PASS
Salmonella spp	Absent		Absent	PASS
Shiga toxin-producing E. coli	Absent		Absent	PASS
Aspergillus (fumigatus, flavus, niger, terreus)	Absent		Absent	PASS

MRL = Minimum reporting limit/limit of quantification

Test ID: #30053 | Date Tested: 11/13/2023 12:00 PM

Moisture: CUR, FLOWER. (S) DTA, 20-1 THC, 7.0g 1400mg (20231110-CRLN-004)

PASS

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

Analyte	Pass/Fail	Result (%)	Limit (%)
Moisture	PASS	8.5	15

MRL = Minimum reporting limit/limit of quantification

Test ID: #30054 | Date Tested: 11/12/2023 02:00 PM

Water Activity: CUR, FLOWER. (S) DTA, 20-1 THC, 7.0g 1400mg (20231110-CRLN-004)

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	0.40	0.65

MRL = Minimum reporting limit/limit of quantification

Test ID: #30055 | Date Tested: 11/12/2023 02:00 PM



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

**Filth and Foreign Material: CUR, FLOWER. (S) DTA, 20-1 THC, 7.0g 1400mg
(20231110-CRLN-004)**

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: #30056 | Date Tested: 11/13/2023 05:57 PM



Ellen Parkin
Lab Director
11/16/2023



Certificate of Analysis

Accession:	25102	Organization:	Green Analytics	Collection Date:	11/11/2023 9:14 AM	CB
External No:	2311TLN0120.0442	(480) 234-9997		Received Date:	11/11/2023 9:14 AM	CB
Work Order:	2311TLN0120	401 N Middletown Rd, Building 60B		Reported Date:	11/16/2023 8:36 AM	
Work Order Code:	2311TLN0120	Pearl River, NY 10695		Report Status:	FINAL	
License Designation	Other	Category	Plant	Type	Other	
Strain Name	N/A	Sample Name	20231110-PEST-086	Lot ID	N/A	

Mycotoxin Testing

Mycotoxins Run by SD on 11/16/2023 8:15:24 AM at Location: TALON

Method ID: TA-100

Samples are pooled as needed for testing. For these tests, only one result is reported to represent all samples received.

Test	ng/g	Status	Limit	LOQ (ng/g)
Aflatoxin Total	<LOQ	PASS	<20.0	2.5
Ochratoxin A	<LOQ	PASS	<20.0	2.5

Pesticide Testing

Pesticides Run by SD on 11/15/2023 10:04:12 AM at Location: TALON

Method ID: TA-069 & TA-070. Pesticides testing is not performed under scope of ISO 17025 accreditation.

Test	ppb	Status	Limit	LOQ (ppb)
Acephate	<LOQ	PASS	<400.0	100.0
Captan	<LOQ	PASS	<1000.0	100.0
Acequinocyl	<LOQ	PASS	<2000.0	100.0
Chlordane	<LOQ	PASS	<1000.0	100.0
Acetamiprid	<LOQ	PASS	<200.0	100.0
Chlorfenapyr	<LOQ	PASS	<1000.0	100.0
Aldicarb	<LOQ	PASS	<400.0	100.0
Methyl parathion	<LOQ	PASS	<200.0	100.0
Abamectin	<LOQ	PASS	<500.0	400.0
Pentachloronitrobenzene	<LOQ	PASS	<1000.0	100.0
Azadirachtin	<LOQ	PASS	<1000.0	500.0
Azoxystrobin	<LOQ	PASS	<200.0	100.0
Bifenazate	<LOQ	PASS	<200.0	100.0
Bifenthrin	<LOQ	PASS	<200.0	100.0
Boscalid	<LOQ	PASS	<400.0	200.0
Carbaryl	<LOQ	PASS	<200.0	100.0
Carbofuran	<LOQ	PASS	<200.0	100.0
Chlorantraniliprole	<LOQ	PASS	<200.0	100.0
Chloromequat chloride	<LOQ	PASS	<1000.0	100.0
Chlorpyrifos	<LOQ	PASS	<200.0	100.0
Clofentezine	<LOQ	PASS	<200.0	100.0
Coumaphos	<LOQ	PASS	<1000.0	100.0
Cyfluthrin	<LOQ	PASS	<1000.0	510.0
Daminozide	<LOQ	PASS	<1000.0	100.0
Diazinon	<LOQ	PASS	<200.0	100.0
Dichlorvos (DDVP)	<LOQ	PASS	<1000.0	200.0
Dimethomorph	<LOQ	PASS	<1000.0	110.0
Dimethoate	<LOQ	PASS	<200.0	100.0
Ethoprophos	<LOQ	PASS	<200.0	100.0
Etofenprox	<LOQ	PASS	<400.0	100.0
Etiozole	<LOQ	PASS	<200.0	100.0

Certificate of Analysis

Accession:	25102	Organization:	Green Analytics	Collection Date:	11/11/2023 9:14 AM	CB
External No:	2311TLN0120.0442			Received Date:	11/11/2023 9:14 AM	CB
Work Order:	2311TLN0120			Reported Date:	11/16/2023 8:36 AM	
Work Order Code:	2311TLN0120			Report Status:	FINAL	
License Designation	Other	Category	Plant	Type	Other	
Strain Name	N/A	Sample Name	20231110-PEST-086	Lot ID	N/A	

Pesticide Testing

Test	ppb	Status	Limit	LOQ (ppb)
Fenhexamid	<LOQ	PASS	<1000.0	100.0
Fenoxycarb	<LOQ	PASS	<200.0	100.0
Fenpyroximate	<LOQ	PASS	<400.0	100.0
Fipronil	<LOQ	PASS	<400.0	200.0
Flonicamid	<LOQ	PASS	<1000.0	100.0
Fludioxonil	<LOQ	PASS	<400.0	100.0
Hexythiazox	<LOQ	PASS	<1000.0	100.0
Imazalil	<LOQ	PASS	<200.0	100.0
Imidacloprid	<LOQ	PASS	<400.0	100.0
Indole-3-butyric acid	<LOQ	PASS	<1000.0	500.0
Kresoxim methyl	<LOQ	PASS	<400.0	200.0
Malathion	<LOQ	PASS	<200.0	100.0
Metalaxyl	<LOQ	PASS	<200.0	100.0
Methiocarb	<LOQ	PASS	<200.0	100.0
Methomyl	<LOQ	PASS	<400.0	100.0
Mevinphos	<LOQ	PASS	<1000.0	100.0
MGK-264	<LOQ	PASS	<200.0	100.0
Myclobutanil	<LOQ	PASS	<200.0	200.0
Naled	<LOQ	PASS	<500.0	100.0
Oxamyl	<LOQ	PASS	<1000.0	100.0
Paclobutrazol	<LOQ	PASS	<400.0	100.0
Permethrins	<LOQ	PASS	<200.0	100.0
Phosmet	<LOQ	PASS	<200.0	100.0
Piperonyl butoxide	<LOQ	PASS	<2000.0	100.0
Prallethrin	<LOQ	PASS	<200.0	100.0
Propiconazole	<LOQ	PASS	<400.0	100.0
Propoxur	<LOQ	PASS	<200.0	100.0
Pyrethrins Total	<LOQ	PASS	<1000.0	90.0
Pyridaben	<LOQ	PASS	<200.0	100.0
Spinetoram Total	<LOQ	PASS	<1000.0	60.0
Spinosyn Total	<LOQ	PASS	<200.0	70.0
Spiromesifen	<LOQ	PASS	<200.0	100.0
Spirotetramat	<LOQ	PASS	<200.0	100.0
Spiroxamine	<LOQ	PASS	<200.0	100.0
Tebuconazole	<LOQ	PASS	<400.0	100.0
Thiacloprid	<LOQ	PASS	<200.0	100.0
Thiamethoxam	<LOQ	PASS	<200.0	100.0
Trifloxystrobin	<LOQ	PASS	<200.0	100.0

Run by LMD on 11/15/2023 1:23:07 PM at Location: TALON

Notes: Refer to full COA for collection details.

Certificate of Analysis

Accession:	25102	Organization:	Green Analytics	Collection Date:	11/11/2023 9:14 AM	CB
External No:	2311TLN0120.0442			Received Date:	11/11/2023 9:14 AM	CB
Work Order:	2311TLN0120			Reported Date:	11/16/2023 8:36 AM	
Work Order Code:	2311TLN0120			Report Status:	FINAL	
License Designation	Other	Category	Plant	Type	Other	
Strain Name	N/A	Sample Name	20231110-PEST-086	Lot ID	N/A	



Reviewed By: _____

Digiacobbe, Leah

Panel Name: Mycotoxins

Approved: 11/16/2023 8:36 AM

Panel Name: Pesticides

Approved: 11/15/2023 11:04 AM



Reviewed By: _____

Vitrano Stocker, Brynn

Panel Name: Pesticides~GC

Approved: 11/15/2023 3:08 PM

Disclaimers:

- 1: Testing was performed in conformance with NYS OCM & ISO 17025:2017 regulations and standards.
- 2: The results in this report relate only to the sample as received.
- 3: This certificate of analysis shall not be reproduced, except in full, without the written consent of the laboratory.

Definitions:

LOQ - Limit of Quantitation; minimum concentration that can be quantitatively reported.
Limit - Refers to the regulatory limit set forth by NYS OCM.

Laboratory Contact Information

E-mail: info@talonanalytical.com

Phone: (888) 201-0957

ISO 17025:2017 Cert. 5722.1 (Biological) 5722.2 (Chemical)