

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:	9/15/2025	Sample ID:	20250829-CRLNAU-003
Client Name:	CuraLeaf NY	Sample Name:	F(Whole Flower)-Grassroots-Atomic Breath-3.5g-H
Sampling Location:	Ravena, New York	Sample Matrix:	Flower
Contact Name:	Phil Donohue	Sample Sub Type:	Flower
Contact Email:	Philip.Donohue@curaleaf.com	Package ID:	202508296158
License Number:	MM1001M/OCM-XROD-23-000001	Batch Lot ID:	P-GRWF352025-1158A
Medical/Adult Use:	Medical & Adult Use	Batch Size:	6903
Sampling Date:	08/29/2025 01:05:00 PM	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: F(Whole Flower)-Grassroots-Atomic Breath-3.5g-H (20250829-CRLNAU-003)

Potency analysis utilizing HPLC (SOP-025-NY, SOP-073-NY)

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.115
CBDA	< MRL	< MRL	0.115
CBGA	0.396	0.050	0.115
CBG	< MRL	< MRL	0.115
CBD	< MRL	< MRL	0.115
THCV	< MRL	< MRL	0.115
CBN	< MRL	< MRL	0.115
D9-THC	1.748	0.218	0.115
D8-THC	< MRL	< MRL	0.115
D10-THC-S	< MRL	< MRL	0.115
D10-THC-R	< MRL	< MRL	0.115
CBC	< MRL	< MRL	0.115
THCA	28.282	3.535	0.115

MRL = Minimum reporting limit/limit of quantification
mg/serving = % w/w x10 x serving size weight (g)
Reported on a dry-weight basis based on the calculation:
(wet sample % x 100)/(100 - %MC)

Test ID: #135604 | Date Tested: 09/02/2025 09:07 AM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877)]	26.551	3.319
Total CBD [CBD + (CBDA * 0.877)]	< MRL	< MRL
Total Cannabinoids	30.426	3.803



Version 2: Package ID updated per client request AJH 9/15/2025

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. 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.

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

Terpenes: F(Whole Flower)-Grassroots-Atomic Breath-3.5g-H
CRLNAU-003)

(20250829-

PASS

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	0.66	0.08
Camphene	< MRL	0.08
Sabinene	< MRL	0.08
beta-Pinene	0.31	0.08
beta-Myrcene	0.43	0.08
Alpha-phellandrene	< MRL	0.08
Carene	< MRL	0.08
alpha-terpinene	< MRL	0.08
p-Cymene	< MRL	0.08
Limonene	0.48	0.08
Eucalyptol	< MRL	0.08
Ocimene	0.07	0.05
gamma-Terpinene	< MRL	0.08
Sabinene Hydrate	< MRL	0.08
Terpinolene	< MRL	0.08
Linalool	< MRL	0.08
Fenchol	< MRL	0.08
Menthol	< MRL	0.08
Terpineol	< MRL	0.08
Citronellol	< MRL	0.08
Isopulegol	< MRL	0.08
Geraniol	< MRL	0.08
Alpha-cedrene	< MRL	0.06
Beta-Caryophyllene	0.14	0.08
Farnesene	< MRL	0.08
alpha-Humulene	< MRL	0.08
Valencene	< MRL	0.08
cis-Nerolidol	< MRL	0.03
trans-Nerolidol	< MRL	0.05
Caryophyllene oxide	< MRL	0.08
Guaiol	< MRL	0.08
alpha-Bisabolol	< MRL	0.08

MRL = Minimum reporting limit/limit of quantification

Test ID: #135607 | Date Tested: 09/02/2025 01:50 PM

Terpenes Summary

Result

Limit

Pass/Fail

Total Terpenes (% w/w)

2.08

10

PASS



Version 2: Package ID updated per client request AJH 9/15/2025

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. 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.

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

Pesticides: F(Whole Flower)-Grassroots-Atomic Breath-3.5g-H
CRLNAU-003)

(20250829-

PASS

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)

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	0.100
Chlorfenapyr	PASS	< MRL	1.00	0.100
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	0.20	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	0.40	0.100
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	0.40	0.100
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: #135601 | Date Tested: 09/02/2025 11:23 AM



Version 2: Package ID updated per client request AJH 9/15/2025

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. 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.

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

Mycotoxins: F(Whole Flower)-Grassroots-Atomic Breath-3.5g-H (20250829-CRLNAU-003) PASS

Mycotoxin analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)

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: #135602 | Date Tested: 09/02/2025 11:23 AM

Heavy Metals: F(Whole Flower)-Grassroots-Atomic Breath-3.5g-H (20250829-CRLNAU-003) PASS

Heavy Metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (SOP-061-NY, SOP-072-NY)

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: #135600 | Date Tested: 09/03/2025 09:13 AM

Microbiology - Plating: F(Whole Flower)-Grassroots-Atomic Breath-3.5g-H (20250829-CRLNAU-003) PASS

Microbial analysis utilizing microbial enumeration (SOP-700-NY)

Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Total Aerobic Bacteria	PASS	< MRL	100000.0	100.0
Total Yeast & Mold	PASS	364	10000.0	100.0

Microbiology - qPCR:

Microbial analysis utilizing quantitative Polymerase Chain Reaction (SOP-701-NY)

Analyte	Pass/Fail	Results (CFU/g)	Limit (CFU/g)	MRL (CFU/g)
Salmonella spp	PASS	Absent	Absent	1.0
Shiga toxin-producing E. coli	PASS	Absent	Absent	1.0
Aspergillus (fumigatus, flavus, niger, terreus)	PASS	Absent	Absent	1.0

MRL = Minimum reporting limit/limit of quantification

Test IDs: #135609, #135608, #135611, #135610 | Date Tested: 09/05/2025 05:37 PM, 09/03/2025 06:33 PM, 09/03/2025 08:38 PM, 09/03/2025 06:51 PM

Moisture: F(Whole Flower)-Grassroots-Atomic Breath-3.5g-H (20250829-CRLNAU-003) PASS

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

Analyte	Pass/Fail	Result (%)	Limit (%)
Moisture	PASS	14.2	15

MRL = Minimum reporting limit/limit of quantification

Test ID: #135603 | Date Tested: 09/01/2025 08:10 AM



Version 2: Package ID updated per client request AJH 9/15/2025

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. 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.

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

Water Activity: F(Whole Flower)-Grassroots-Atomic Breath-3.5g-H (20250829-CRLNAU-003) 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	0.60	0.65

MRL = Minimum reporting limit/limit of quantification

Test ID: #139868 | Date Tested: 09/15/2025 08:09 AM

Filth and Foreign Material: F(Whole Flower)-Grassroots-Atomic Breath-3.5g-H (20250829-CRLNAU-003) 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: #135598 | Date Tested: 09/02/2025 02:51 PM



Matthew Elmes
Lab Director
9/15/2025



Version 2: Package ID updated per client request AJH 9/15/2025

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. 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.