

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

Sample Result: PASS

Date Reported:	2/2/2026	Sample ID:	20260123-27RT-003
Client Name:	Route 27 Hopyard LLC	Sample Name:	Ritual- Dual 1g Pre-Roll Papaya Plum
Sampling Location:	Moriches, New York	Sample Matrix:	Flower
License Number:	OCM-PROC-24-000066	Sample Sub Type:	Pre-roll
Phone:	516-761-2704	Package ID:	
Medical/Adult Use:	Adult Use	Batch Lot ID:	1A412030000132B000000263
Sampling Date:	01/23/2026 03:45:00 AM	Batch Size:	3200
METRC Test Tag ID:	1A412030000132B000000266	Serving Size (g):	0.05
		METRC Source ID:	1A412030000132B000000263

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

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

Cannabinoids: Ritual- Dual 1g Pre-Roll Papaya Plum (20260123-27RT-003)

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

Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.106
CBDA	< MRL	< MRL	0.106
CBGA	0.466	0.233	0.106
CBG	< MRL	< MRL	0.106
CBD	< MRL	< MRL	0.106
THCV	< MRL	< MRL	0.106
CBN	< MRL	< MRL	0.106
D9-THC	1.004	0.502	0.106
D8-THC	< MRL	< MRL	0.106
D10-THC-S	< MRL	< MRL	0.106
D10-THC-R	< MRL	< MRL	0.106
CBC	< MRL	< MRL	0.106
THCA	21.975	10.987	0.106

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: #188890 | Date Tested: 01/26/2026 05:45 PM

Potency Summary	% w/w	mg/serving
Total THC [$\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877)]	20.276	10.138
Total CBD [CBD + (CBDA * 0.877)]	< MRL	< MRL
Total Cannabinoids	23.445	11.722



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.

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Terpenes: Ritual- Dual 1g Pre-Roll Papaya Plum (20260123-27RT-003)			PASS
Terpenes analysis utilizing GC-MS (SOP-063-NY, SOP-069-NY)			
Analyte	Result (% w/w)	MRL (% w/w)	
alpha-Pinene	< MRL	0.07	
Camphene	< MRL	0.07	
Sabinene	< MRL	0.07	
beta-Pinene	< MRL	0.07	
beta-Myrcene	0.25	0.07	
Alpha-phellandrene	< MRL	0.07	
Carene	< MRL	0.07	
alpha-terpinene	< MRL	0.07	
p-Cymene	< MRL	0.07	
Limonene	0.11	0.07	
Eucalyptol	< MRL	0.07	
Ocimene	< MRL	0.05	
gamma-Terpinene	< MRL	0.07	
Sabinene Hydrate	< MRL	0.07	
Terpinolene	< MRL	0.07	
Linalool	0.08	0.07	
Fenchol	< MRL	0.07	
Menthol	< MRL	0.07	
Terpineol	< MRL	0.07	
Citronellol	< MRL	0.07	
Isopulegol	< MRL	0.07	
Geraniol	< MRL	0.07	
Alpha-cedrene	< MRL	0.06	
Beta-Caryophyllene	0.40	0.07	
Farnesene	0.08	0.07	
alpha-Humulene	0.17	0.07	
Valencene	< MRL	0.07	
cis-Nerolidol	< MRL	0.03	
trans-Nerolidol	< MRL	0.04	
Caryophyllene oxide	< MRL	0.07	
Guaiol	< MRL	0.07	
alpha-Bisabolol	< MRL	0.07	
MRL = Minimum reporting limit/limit of quantification			Test ID: #188893 Date Tested: 01/27/2026 09:49 AM

Terpenes Summary	Result	Limit	Pass/Fail
Total Terpenes (% w/w)	1.08	10	PASS



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Pesticides: Ritual- Dual 1g Pre-Roll Papaya Plum (20260123-27RT-003)

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	0.500	0.100
Acephate	PASS	< MRL	0.400	0.100
Acequinocyl	PASS	< MRL	2.00	0.100
Acetamiprid	PASS	< MRL	0.200	0.100
Aldicarb	PASS	< MRL	0.400	0.100
Azadirachtin	PASS	< MRL	1.00	0.250
Azoxystrobin	PASS	< MRL	0.200	0.100
Bifenazate	PASS	< MRL	0.200	0.100
Bifenthrin	PASS	< MRL	0.200	0.100
Boscalid	PASS	< MRL	0.400	0.100
Captan	PASS	< MRL	1.00	0.500
Carbaryl	PASS	< MRL	0.200	0.100
Carbofuran	PASS	< MRL	0.200	0.100
Chlorantranilprole	PASS	< MRL	0.200	0.100
Chlordane	PASS	< MRL	1.00	0.100
Chlorfenapyr	PASS	< MRL	1.00	0.100
Chloromequat chloride	PASS	< MRL	1.00	0.100
Chlorpyrifos	PASS	< MRL	0.200	0.100
Clofentezine	PASS	< MRL	0.200	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	0.200	0.100
Dichlorvos	PASS	< MRL	1.00	0.100
Dimethoate	PASS	< MRL	0.200	0.100
Dimethomorph	PASS	< MRL	0.200	0.100
Ethoprophos	PASS	< MRL	0.200	0.100
Etofenprox	PASS	< MRL	0.400	0.100
Etioazole	PASS	< MRL	0.200	0.100
Fenhexamid	PASS	< MRL	1.00	0.100
Fenoxycarb	PASS	< MRL	0.200	0.100
Fenpyroximate	PASS	< MRL	0.400	0.100
Fipronil	PASS	< MRL	0.400	0.100
Flonicamid	PASS	< MRL	1.00	0.100
Fludioxonil	PASS	< MRL	0.400	0.100
Hexythiazox	PASS	< MRL	1.00	0.100
Imazalil	PASS	< MRL	0.200	0.100
Imidacloprid	PASS	< MRL	0.400	0.100
Indole-3-butyric acid	PASS	< MRL	1.00	0.250
Kresoxim-methyl	PASS	< MRL	0.400	0.100
Malathion	PASS	< MRL	0.200	0.100
Metalaxyl	PASS	< MRL	0.200	0.100
Methiocarb	PASS	< MRL	0.200	0.100
Methomyl	PASS	< MRL	0.400	0.100
Methyl Parathion	PASS	< MRL	0.400	0.100
Mevinphos	PASS	< MRL	1.00	0.100
MGK-264 I/II	PASS	< MRL	0.200	0.100
Myclobutanil	PASS	< MRL	0.200	0.100
Naled	PASS	< MRL	0.500	0.100
Oxamyl	PASS	< MRL	1.00	0.100
Paclobutrazol	PASS	< MRL	0.400	0.100
Pentachloronitrobenzene	PASS	< MRL	0.400	0.100
Permethrins, total	PASS	< MRL	0.200	0.100
Phosmet	PASS	< MRL	0.200	0.100
Piperonyl butoxide	PASS	< MRL	2.00	0.100
Prallethrin	PASS	< MRL	0.200	0.100
Propiconazole	PASS	< MRL	0.400	0.100
Propoxur	PASS	< MRL	0.200	0.100
Pyrethrins	PASS	< MRL	1.00	0.100
Pyridaben	PASS	< MRL	0.200	0.100
Spinetoram, Total	PASS	< MRL	1.00	0.100
Spinosad, Total	PASS	< MRL	0.200	0.100
Spiromesifen	PASS	< MRL	0.200	0.100
Spirotetramat	PASS	< MRL	0.200	0.100
Spiroxamine	PASS	< MRL	0.200	0.100
Tebuconazole	PASS	< MRL	0.400	0.100
Thiacloprid	PASS	< MRL	0.200	0.100
Thiamethoxam	PASS	< MRL	0.200	0.100
Trifloxystrobin	PASS	< MRL	0.200	0.100

MRL = Minimum reporting limit/limit of quantification

Test ID: #188887 | Date Tested: 01/28/2026 10:29 AM



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.

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Mycotoxins: Ritual- Dual 1g Pre-Roll Papaya Plum (20260123-27RT-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	0.020	0.010
Total Aflatoxins	PASS	< MRL	0.020	0.010
MRL = Minimum reporting limit/limit of quantification			Test ID: #188888 Date Tested: 01/29/2026 10:06 PM	

Heavy Metals: Ritual- Dual 1g Pre-Roll Papaya Plum (20260123-27RT-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	8.00
Nickel	PASS	< MRL	5.00	1.00
Copper	PASS	11.817	30.0	8.00
Arsenic	PASS	< MRL	0.200	0.10
Cadmium	PASS	< MRL	0.200	0.10
Antimony	PASS	< MRL	2.00	1.00
Mercury	PASS	< MRL	0.100	0.05
Lead	PASS	< MRL	0.500	0.20
MRL = Minimum reporting limit/limit of quantification			Test ID: #188886 Date Tested: 01/27/2026 11:16 AM	

Microbiology - Plating: Ritual- Dual 1g Pre-Roll Papaya Plum (20260123-27RT-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	2820000	None	100
Total Yeast & Mold	PASS	10901	None	100
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
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 IDs: #188895, #188894, #188897, #188896 Date Tested: 01/28/2026 01:33 PM, 01/27/2026 11:50 AM, 01/29/2026 09:23 AM, 01/28/2026 01:34 PM	

Moisture: Ritual- Dual 1g Pre-Roll Papaya Plum (20260123-27RT-003)				PASS
Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA)				
Analyte	Pass/Fail	Result (%)	Limit (%)	
Moisture	PASS	7.8	15.0	
MRL = Minimum reporting limit/limit of quantification			Test ID: #188889 Date Tested: 01/27/2026 02:08 PM	



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Water Activity: Ritual- Dual 1g Pre-Roll Papaya Plum (20260123-27RT-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	0.38	0.65
MRL = Minimum reporting limit/limit of quantification		Test ID: #188885 Date Tested: 01/28/2026 08:13 AM	



Matthew Elmes
Lab Director
2/2/2026

