

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>	6/10/2024	<b>Sample ID:</b>	20240521-HDFH-002
<b>Client Name:</b>	Flowerhouse	<b>Sample Name:</b>	3.5g Flower
<b>Sampling Location:</b>	Rock Tavern, New York	<b>Sample Matrix:</b>	Flower
<b>Contact Name:</b>	Katie Reiter	<b>Sample Sub Type:</b>	Flower
<b>Contact Email:</b>	katie@flowerhouseny.com	<b>Package ID:</b>	FH0639
<b>License Number:</b>	OCM-AUCC-22-000111	<b>Batch Lot ID:</b>	FH0639
<b>Medical/Adult Use:</b>	Adult Use	<b>Batch Size:</b>	7500
<b>Sampling Date:</b>	05/21/2024 09:00:00 AM	<b>Serving Size (g):</b>	1

<b>Potency</b>	T	<b>Pesticides</b>	P	<b>Heavy Metals</b>	P	<b>Mycotoxins</b>	P
<b>Water Activity</b>	P	<b>Microbiological</b>	P	<b>Residual Solvents</b>	-	<b>Terpenes</b>	P
		<b>Moisture</b>	P	<b>Filth &amp; Foreign Material</b>	P		

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

Cannabinoids: 3.5g Flower (20240521-HDFH-002)			
Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA)			
Analyte	% w/w	mg/serving	MRL (% w/w)
CBDV	< MRL	< MRL	0.046
CBDA	0.057	0.570	0.046
CBGA	0.466	4.664	0.046
CBG	0.119	1.186	0.046
CBD	< MRL	< MRL	0.046
THCV	< MRL	< MRL	0.046
CBN	< MRL	< MRL	0.046
D9-THC	2.360	23.595	0.046
D8-THC	< MRL	< MRL	0.046
D10-THC-S	< MRL	< MRL	0.046
D10-THC-R	< MRL	< MRL	0.046
CBC	< MRL	< MRL	0.046
THCA	21.946	219.461	0.046

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

Test ID: #63069 | Date Tested: 06/08/2024 07:53 AM

Potency Summary	% w/w	mg/serving
<b>Total THC</b> [ $\Delta 8\text{-THC} + \Delta 9\text{-THC} + \Delta 10\text{-THC} + (\text{THCA} * 0.877)$ ]	21.606	216.062
<b>Total CBD</b> [ $\text{CBD} + (\text{CBDA} * 0.877)$ ]	0.050	0.500
<b>Total Cannabinoids</b>	24.948	249.476



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

### Terpenes: 3.5g Flower (20240521-HDFH-002)

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

Analyte	Result (% w/w)	MRL (% w/w)
alpha-Pinene	0.08	0.06
Camphene	< MRL	0.06
Sabinene	< MRL	0.06
beta-Pinene	< MRL	0.06
beta-Myrcene	0.22	0.06
Alpha-phellandrene	< MRL	0.06
Carene	< MRL	0.06
alpha-terpinene	< MRL	0.06
p-Cymene	< MRL	0.06
Limonene	0.31	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	0.06	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	0.05
Beta-Caryophyllene	0.61	0.06
Farnesene	< MRL	0.06
alpha-Humulene	0.26	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	< MRL	0.06

MRL = Minimum reporting limit/limit of quantification

Test ID: #63076 | Date Tested: 05/24/2024 11:30 AM

Terpenes Summary	Result	Limit	Pass/Fail
<b>Total Terpenes (% w/w)</b>	1.54	10	PASS



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

### Pesticides: 3.5g Flower (20240521-HDFH-002)

**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
Flonicamid	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: #63075 | Date Tested: 05/24/2024 11:30 AM



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

Mycotoxins: 3.5g Flower (20240521-HDFH-002)					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: #63074   Date Tested: 05/24/2024 11:30 AM		

Heavy Metals: 3.5g Flower (20240521-HDFH-002)					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	2.851	5.0	1.00	
Copper	PASS	17.219	30.0	8.00	
Arsenic	PASS	< MRL	0.2	0.10	
Cadmium	PASS	0.225	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: #63071   Date Tested: 05/24/2024 03:00 PM		

Microbiological Screen: 3.5g Flower (20240521-HDFH-002)					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	243167	None	100	
Total Yeast & Mold	PASS	6800	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: #63072   Date Tested: 05/26/2024 06:12 PM		

Moisture: 3.5g Flower (20240521-HDFH-002)				PASS
Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA)				
Analyte	Pass/Fail	Result (%)	Limit (%)	
Moisture	PASS	13.2	15	
MRL = Minimum reporting limit/limit of quantification			Test ID: #63073   Date Tested: 06/09/2024 08:46 PM	

Water Activity: 3.5g Flower (20240521-HDFH-002)				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	0.50	0.65	
MRL = Minimum reporting limit/limit of quantification			Test ID: #63077   Date Tested: 05/22/2024 07:36 AM	



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

Filtration and Foreign Material: 3.5g Flower (20240521-HDFH-002)			PASS
Filtration 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: #63070   Date Tested: 05/22/2024 07:36 AM	




---

Ellen Parkin  
 Lab Director  
 6/10/2024

