

2736 NY-208 Walden, NY 12586 katie@flowerhouseny.com 917-374-7735

License #: OCM-AUCC-22-000111

### **Certificate of Analysis**

Date Released: 4/3/2023 9:10:01AM

Report #: 918

#### FH0266COMP032423

Sample #: 687, Weight: 5.00g, Unit Count:

Order #: X230327-0006

Category/Type: Plant, Flower - Cured Date Collected: 3/27/2023 4:35:22PM Date Received: 3/27/2023 6:16:10PM Date Analyzed: 3/30/2023 1:09:19PM

Regulator Sample ID: FH0266

Regulator Source Package ID: FH0266

Regulator Batch ID: FH0266



**Total Cannabinoids** 16.50 % 165.0 mg/g

Microbials

PASS



**Pesticides** PASS



Total CBD 0.04 % 0.4 mg/g



**Total Terpenes** 0.7 %



Moisture 10.7 %



Heavy Metals **PASS** 



**PASS** 



Mycotoxins Foreign Matter Water Activity **PASS** 



**PASS** 

### **Potency Analysis by HPLC**

Total Cannabinoids: 16.50 % - 165.0 mg/g

Total THC: 13.78 % - 137.8 mg/g Total CBD: 0.04 % - 0.4 mg/g

Compound	CAS#	LOQ (%)	%	mg/g
THCa	23978-85-0	0.001	14.77	147.7
d9-THC	1972-08-3	0.001	0.83	8.3
CBGa	25555-57-1	0.001	0.81	8.1
CBDa	1244-58-2	0.001	0.05	0.5
CBG	25654-31-3	0.001	0.04	0.4
d8-THC	5957-75-5	0.001	ND	ND
d10-THC	95543-62-7	0.001	ND	ND
THCV	31262-37-0	0.001	ND	ND
CBD	13956-29-1	0.001	ND	ND
CBDV	24274-48-4	0.001	ND	ND
CBC	20675-51-8	0.001	ND	ND
CBN	521-35-7	0.001	ND	ND

Date Completed: 03/30/2023 10:09AM

**Relative Concentration** 

Test Comment: Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND.

Total THC = d9-THC + d8-THC + d10-THC + (0.877\*THCa) d8-THC is an abbreviation for delta-8 tetrahydrocannabinol.

d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.

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Total CBD = CBD + (0.877\*CBDa)

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Final

Sample #: 687 FH0266COMP032423

Terpenes by HS-GC-MS	Cas	yophyllene	Linalool	Humulene	<b>Date Completed:</b> 03/30/2023 11:55A
Compound	CAS#	LOQ (%)	%	Relative Concentration	
trans-Caryophyllene	87-44-5	0.1	0.3		
alpha-Farnesene	502-61-4	0.1	0.1		
alpha-Humulene	6753-98-6	0.1	0.1		
Linalool	78-70-6	0.1	0.1		
R(+)-Limonene	5989-27-5	0.1	0.1		
Results based on dry weight					
(-)-Borneol	464-45-9	0.1	ND		
(-)-Caryophyllene Oxide	1139-30-6	0.1	ND		
(-)-Isopulegol	89-79-2	0.1	ND		
(+)-Borneol	464-43-7	0.1	ND		
(+)-Cedrol	77-53-2	0.1	ND		
(1R)-(+)-Camphor	464-49-3	0.1	ND		
3-Carene	13466-78-9	0.1	ND		
alpha-Bisabolol	515-69-5	0.1	ND		
alpha-Cedrene	469-61-4	0.1	ND		
alpha-Pinene	80-56-8	0.1	ND		
alpha-Terpinene	99-86-5	0.1	ND		
alpha-Terpineol	98-55-5	0.1	ND		
beta-Farnesene	18794-84-8	0.1	ND		
beta-Myrcene	123-35-3	0.1	ND		
beta-Pinene	127-91-3	0.1	ND		
Camphene	79-92-5	0.1	ND		

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Compound	CAS#	LOQ (%)	%	Relative Concentration
cis-Nerolidol	142-50-7	0.1	ND	
cis-Ocimene	3338-55-4	0.1	ND	
Endo-Fenchyl Alcohol	14575-74-7	0.1	ND	
Eucalyptol	470-82-6	0.1	ND	
Fenchone	1195-79-5	0.1	ND	
gamma-Terpinene	99-85-4	0.1	ND	
gamma-Terpineol	586-81-2	0.1	ND	
Geraniol	106-24-1	0.1	ND	
Geranyl Acetate	105-87-3	0.1	ND	
Guaiol	489-86-1	0.1	ND	
Hexahydro Thymol	15356-70-4	0.1	ND	
Nerol	106-25-2	0.1	ND	
p-Mentha-1,5-diene	99-83-2	0.1	ND	
Pulegone	89-82-7	0.1	ND	
Sabinene	3387-41-5	0.1	ND	
Sabinene Hydrate	546-79-2	0.1	ND	
Terpinolene	586-62-9	0.1	ND	
trans-Nerolidol	40716-66-3	0.1	ND	
trans-Ocimene	3779-61-1	0.1	ND	
Valencene	4630-07-3	0.1	ND	

Foreign Matter by Microscopy	Pass	•	<b>Date Completed:</b> 03/30/2023 10:58 am		
Compound	LOQ (%)	Limits (%)	Result (%)	Status	
% Foreign Matter	0.001	2.0	ND	Pass	
Mammalian Exreta	0.001	0.03	ND	Pass	
Stems	0.001	5.0	ND	Pass	

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Sample #: 687 FH0266COMP032423

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

M	oisture by Analyzer	Pass		<b>Date Completed:</b> 03/30/2023 10:49 am		
	Compound	LOQ (%)	Limits (%)	Result (%)	Status	
	Moisture	1.2	5 - 15	10.7	Pass	
Co	mment: Physical chemistry was tested using moisture analyzer, water	activity meter using P-NY 1	60. Unless otherwise stated, all QC passe	d.		

W	ater Activity by Meter	Pass		Date Completed:	03/30/2023 10:49 am		
	Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status		
	Water Activity	0.05	0.65	0.42	Pass		
Co	Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.						

Pesticides by LCMSMS	Pass	<b>;</b>	<b>Date Completed:</b> 03/30/2023 12:52 pm		
Compound	LOQ (µg/g)	Limits (µg/g)	Result (μg/g)	Status	
Abamectin	0.01	0.5	ND	Pass	
Acephate	0.01	0.4	ND	Pass	
Acequinocyl	0.01	2	ND	Pass	
Acetamiprid	0.01	0.2	ND	Pass	
Aldicarb	0.01	0.4	ND	Pass	
Azadirachtin	0.01	1	ND	Pass	
Azoxystrobin	0.01	0.2	ND	Pass	
Bifenazate	0.01	0.2	ND	Pass	
Bifenthrin	0.01	0.2	ND	Pass	
Boscalid	0.01	0.4	ND	Pass	
Carbaryl	0.01	0.2	ND	Pass	
Carbofuran	0.01	0.2	ND	Pass	
Chlorantraniliprole	0.01	0.2	ND	Pass	
Chlormequat Chloride	0.01	1	ND	Pass	
Chlorpyrifos	0.01	0.2	ND	Pass	

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Final

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sticides by LCMSMS	Pass	<b>;</b>	Date Completed: 03/30/2023 12:52 p		
Compound	LOQ (µg/g)	Limits (µg/g)	Result (μg/g)	Status	
Clofentezine	0.01	0.2	ND	Pass	
Coumaphos	0.01	1	ND	Pass	
Cyfluthrin	0.01	1	ND	Pass	
Cypermethrin	0.01	1	ND	Pass	
Daminozide	0.01	1	ND	Pass	
Diazinon	0.01	0.2	ND	Pass	
Dichlorvos	0.01	1	ND	Pass	
Dimethoate	0.01	0.2	ND	Pass	
Dimethomorph	0.01	1	ND	Pass	
Ethoprophos	0.01	0.2	ND	Pass	
Etofenprox	0.01	0.4	ND	Pass	
Etoxazole	0.01	0.2	ND	Pass	
Fenhexamid	0.01	1	ND	Pass	
Fenoxycarb	0.01	0.2	ND	Pass	
Fenpyroximate	0.01	0.4	ND	Pass	
Fipronil	0.01	0.4	ND	Pass	
Flonicamid	0.01	1	ND	Pass	
Fludioxonil	0.01	0.4	ND	Pass	
Hexythiazox	0.01	1	ND	Pass	
lmazalil	0.01	0.2	ND	Pass	
Imidacloprid	0.01	0.4	ND	Pass	
Indolebutyric Acid	0.01	1	ND	Pass	
Kresoxim-methyl	0.01	0.4	ND	Pass	
Malathion	0.01	0.2	ND	Pass	
Metalaxyl	0.01	0.2	ND	Pass	
Methiocarb	0.01	0.2	ND	Pass	

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sticides by LCMSMS	Pass	<b>;</b>	<b>Date Completed:</b> 03/30/2023 12:52		
Compound	LOQ (μg/g)	Limits (µg/g)	Result (μg/g)	Status	
Mevinphos	0.01	1	ND	Pass	
Myclobutanil	0.01	0.2	ND	Pass	
Naled	0.01	0.5	ND	Pass	
Oxamyl	0.01	1	ND	Pass	
Paclobutrazol	0.01	0.4	ND	Pass	
Permethrin	0.01	0.2	ND	Pass	
Phosmet	0.01	0.2	ND	Pass	
Piperonyl Butoxide	0.01	2	ND	Pass	
Prallethrin	0.01	0.2	ND	Pass	
Propiconazole	0.01	0.4	ND	Pass	
Propoxur	0.01	0.2	ND	Pass	
Pyrethrins Total	0.01	1	ND	Pass	
Pyridaben	0.01	0.2	ND	Pass	
Spinetoram	0.01	1	ND	Pass	
Spinosad Total	0.01	.2	ND	Pass	
Spiromesifen	0.01	0.2	ND	Pass	
Spirotetramat	0.01	0.2	ND	Pass	
Spiroxamine	0.01	0.2	ND	Pass	
Tebuconazole	0.01	0.4	ND	Pass	
Thiacloprid	0.01	0.2	ND	Pass	
Thiamethoxam	0.01	0.2	ND	Pass	
Trifloxystrobin	0.01	0.2	ND	Pass	

Mycotoxins by LCMSMS Pass		Date Completed: 03	3/30/2023 12:52 pm	
Compound	LOQ (µg/g)	Limits (μg/g)	Result (μg/g)	Status

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Sample #: 687 FH0266COMP032423

Mycotoxins by LCMSMS	Pass	}	Date Completed: 03/30/2023 12:52 pn					
Compound	LOQ (µg/g)	Limits (µg/g)	Result (μg/g)	Status				
Aflatoxin B1	0.005	0.020	ND	Pass				
Aflatoxin B2	0.005	0.020	ND	Pass				
Aflatoxin G1	0.005	0.020	ND	Pass				
Aflatoxin G2	0.005	0.020	ND	Pass				
Ochratoxin A	0.005	0.020	ND	Pass				
Total Aflatoxin	0.005	0.020	ND	Pass				
Comment: Mycotoxin contamination tested by LCMSMS using P-NY12	Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.							

avy Metals by ICPMS	Pass	Pass		<b>Date Completed:</b> 03/30/2023 1:09 pm		
Compound	LOQ (µg/g)	Limits (μg/g)	Result (μg/g)	Status		
Antimony	0.01	2	ND	Pass		
Arsenic	0.001	0.2	0.1	Pass		
Cadmium	0.0015	0.3	ND	Pass		
Chromium	0.275	110	ND	Pass		
Copper	0.075	30	7.0	Pass		
Lead	0.0025	0.5	ND	Pass		
Mercury	0.0005	0.1	ND	Pass		
Nickel	0.01	2	ND	Pass		

Micro by Petri & qPCR	Pass		Date Completed: 03/30/2023 12:03 pm	
Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus flavus Qualitative	0	0	Not Detected	Pass
Aspergillus fumigatus Qualitative	0	0	Not Detected	Pass
Aspergillus niger Qualitative	0	0	Not Detected	Pass
Aspergillus terreus Qualitative	0	0	Not Detected	Pass

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Micro by Petri & qPCR		Pass		<b>Date Completed:</b> 03/30/2023 12:03 pm	
	Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
	Salmonella Qualitative	0	0	Not Detected	Pass
	Shiga Toxin-Producing E. coli Qualitative	0	0	Not Detected	Pass
	Total Aerobic Bacteria	10		ND	Pass
	Total Yeast & Mold	10		ND	Pass
Co	mment: Microbial contamination tested by Petrifilm plates and qP and "Detected" = "Presumptive Presence". Acceptance L	•		validation limitations: "Not Detected" = "Absent"	

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