



**Flowerhouse Walden LLC**

2736 NY-208  
 Walden, NY 12586  
 katie@flowerhouseny.com  
 917-374-7735  
 License #: OCM-AUCC-22-000111

**Certificate of Analysis**

Final

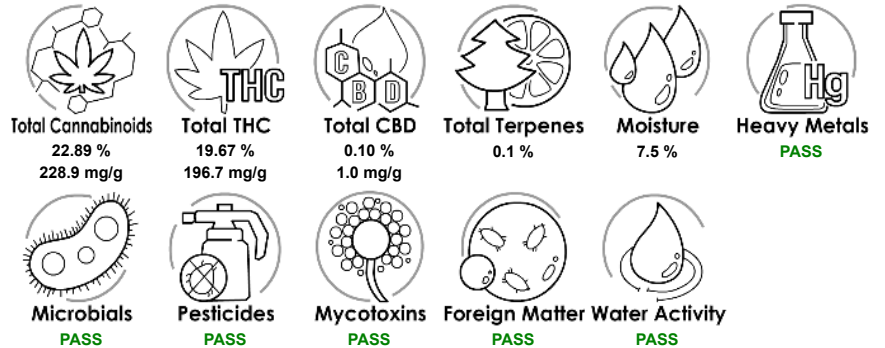
Date Released: 4/3/2023 9:10:01AM

Report #: 944

**FH0276COMP032423**

Sample #: 695, 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 6:16:14PM  
 Date Analyzed: 3/30/2023 1:09:20PM  
 Regulator Sample ID: FH0276  
 Regulator Source Package ID: FH0276  
 Regulator Batch ID: FH0276



**Potency Analysis by HPLC**

Total Cannabinoids: **22.89 % - 228.9 mg/g**  
 Total THC: **19.67 % - 196.7 mg/g**  
 Total CBD: **0.10 % - 1.0 mg/g**

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

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.001	21.04	210.4	[Bar]
d9-THC	1972-08-3	0.001	1.22	12.2	[Bar]
CBGa	25555-57-1	0.001	0.41	4.1	[Bar]
CBDa	1244-58-2	0.001	0.11	1.1	[Bar]
CBG	25654-31-3	0.001	0.07	0.7	[Bar]
d8-THC	5957-75-5	0.001	0.02	0.2	[Bar]
CBC	20675-51-8	0.001	0.01	0.1	[Bar]
CBN	521-35-7	0.001	0.01	0.1	[Bar]
d10-THC	95543-62-7	0.001	ND	ND	[Bar]
THCV	31262-37-0	0.001	ND	ND	[Bar]
CBD	13956-29-1	0.001	ND	ND	[Bar]
CBDV	24274-48-4	0.001	ND	ND	[Bar]

**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. Unless otherwise stated all QC passed.

**Total CBD = CBD + (0.877\*CBDa)**

**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.

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

**If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.**



**Keystone State Testing of New York**  
 1809 Vestal Pkwy E  
 Vestal, NY 13850  
 (607)301-0884  
 InfoNY@KeystoneStateTesting.com  
 www.KeystoneStateTesting.com  
 License #: OCM-CPL-2022-00007

*Kelly N. Greenland*

Dr. Kelly Greenland, Lab Director  
 4/3/2023 9:17:04AM





# Flowerhouse Walden LLC

2736 NY-208  
Walden, NY 12586  
katie@flowerhouseny.com  
917-374-7735  
License #: OCM-AUCC-22-000111

# Certificate of Analysis

Final

Sample #: 695

FH0276COMP032423

## Terpenes by HS-GC-MS

Date Completed: 03/30/2023 11:55AM



Compound	CAS#	LOQ (%)	%	Relative Concentration
trans-Caryophyllene	87-44-5	0.1	0.1	<div style="width: 100%;"></div>
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-Farnesene	502-61-4	0.1	ND	
alpha-Humulene	6753-98-6	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	
cis-Nerolidol	142-50-7	0.1	ND	
cis-Ocimene	3338-55-4	0.1	ND	

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

**If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.**



Keystone State Testing of New York  
1809 Vestal Pkwy E  
Vestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
License #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director  
4/3/2023 9:17:04AM





# Flowerhouse Walden LLC

2736 NY-208  
Walden, NY 12586  
katie@flowerhouseny.com  
917-374-7735  
License #: OCM-AUCC-22-000111

# Certificate of Analysis

Final

Sample #: 695

FH0276COMP032423

Compound	CAS#	LOQ (%)	%	Relative Concentration
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	
Linalool	78-70-6	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	
R(+)-Limonene	5989-27-5	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	

**Test Comment:** Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

## Foreign Matter by Microscopy

Pass

Date Completed: 03/30/2023 10:58 am

Compound	LOQ (%)	Limits (%)	Result (%)	Status
% Foreign Matter	0.001	2.0	ND	Pass
Mammalian Excreta	0.001	0.03	ND	Pass
Stems	0.001	5.0	ND	Pass

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York  
1809 Vestal Pkwy E  
Vestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
License #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director  
4/3/2023 9:17:04AM





# Flowerhouse Walden LLC

2736 NY-208  
Walden, NY 12586  
katie@flowerhouseny.com  
917-374-7735  
License #: OCM-AUCC-22-000111

# Certificate of Analysis

Final

Sample #: 695

FH0276COMP032423

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

## Moisture by Analyzer

Pass

Date Completed: 03/30/2023 10:49 am

Compound	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	1.2	5 - 15	7.5	Pass

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

## Water 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	0.26	Pass

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

Date Completed: 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

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York  
1809 Vestal Pkwy E  
Vestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
License #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director  
4/3/2023 9:17:04AM





# Flowerhouse Walden LLC

2736 NY-208  
Walden, NY 12586  
katie@flowerhouseny.com  
917-374-7735  
License #: OCM-AUCC-22-000111

# Certificate of Analysis

Final

Sample #: 695

FH0276COMP032423

## Pesticides by LCMSMS

Pass

Date Completed: 03/30/2023 12:52 pm

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
Fonicamid	0.01	1	ND	Pass
Fludioxonil	0.01	0.4	ND	Pass
Hexythiazox	0.01	1	ND	Pass
Imazalil	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

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York  
1809 Vestal Pkwy E  
Vestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
License #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director  
4/3/2023 9:17:04AM



**Flowerhouse Walden LLC**

2736 NY-208

Walden, NY 12586

katie@flowerhouseny.com

917-374-7735

License #: OCM-AUCC-22-000111

**Certificate of Analysis**

Final

**Sample #: 695****FH0276COMP032423****Pesticides by LCMSMS****Pass**

Date Completed: 03/30/2023 12:52 pm

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

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

**Mycotoxins by LCMSMS****Pass**

Date Completed: 03/30/2023 12:52 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
----------	------------	---------------	---------------	--------

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

**If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.**



Keystone State Testing of New York

1809 Vestal Pkwy E

Vestal, NY 13850

(607)301-0884

InfoNY@KeystoneStateTesting.com

www.KeystoneStateTesting.com

License #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director

4/3/2023 9:17:04AM



**Flowerhouse Walden LLC**

2736 NY-208  
 Walden, NY 12586  
 katie@flowerhouseny.com  
 917-374-7735  
 License #: OCM-AUCC-22-000111

**Certificate of Analysis**

Final

**Sample #: 695****FH0276COMP032423****Mycotoxins by LCMSMS****Pass****Date Completed: 03/30/2023 12:52 pm**

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-NY125. Unless otherwise stated, all QC passed.

**Heavy Metals by ICPMS****Pass****Date Completed: 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	ND	Pass
Cadmium	0.0015	0.3	ND	Pass
Chromium	0.275	110	ND	Pass
Copper	0.075	30	4.8	Pass
Lead	0.0025	0.5	ND	Pass
Mercury	0.0005	0.1	ND	Pass
Nickel	0.01	2	ND	Pass

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.

**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

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

**If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.**



**Keystone State Testing of New York**  
 1809 Vestal Pkwy E  
 Vestal, NY 13850  
 (607)301-0884  
 InfoNY@KeystoneStateTesting.com  
 www.KeystoneStateTesting.com  
 License #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director  
 4/3/2023 9:17:04AM





# Flowerhouse Walden LLC

2736 NY-208  
Walden, NY 12586  
katie@flowerhouseny.com  
917-374-7735  
License #: OCM-AUCC-22-000111

# Certificate of Analysis

Final

Sample #: 695

FH0276COMP032423

## Micro by Petri & qPCR

Pass

Date Completed: 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

Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed. Due to COA validation limitations: "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence".

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York  
1809 Vestal Pkwy E  
Vestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
License #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director  
4/3/2023 9:17:04AM

