AMENDED

Certificate of Analysis

Final

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

Date Released: 6/21/2023 6:13:01PM

Report #: 2034

3.5g Jarred Flower

Sample #: 1386, **Weight:** 28.00g, **Unit Count:**
Order #: X230531-0001
Category/Type: Plant, Flower - Cured
Date Collected: 5/31/2023 4:49:16PM
Date Received: 5/31/2023 4:52:23PM
Regulator Sample ID: FH0350
Regulator Source Package ID: FH0350
Regulator Batch ID: FH0350

Size: 1184units, **Unit Count:**

Total Cannabinoids	Total THC	Total CBD	Total Terpenes	Moisture	Heavy Metals
23.71 % 237.1 mg/g	20.05 % 200.5 mg/g	0.06535 % 0.6535 mg/g	1.2 %	11.9 %	PASS

Microbials	Pesticides	Mycotoxins	Foreign Matter	Water Activity
PASS	PASS	PASS	PASS	PASS

Potency Analysis by HPLC

Total Cannabinoids: **23.71 % - 237.1 mg/g**
Total THC: **20.05 % - 200.5 mg/g**
Total CBD: **0.06535 % - 0.6535 mg/g**

Date Completed: 06/21/2023 4:35PM

Compound	CAS#	LOQ (%)	%	mg/g
THCa	23978-85-0	0.001000	22.35	223.5
CBGa	25555-57-1	0.001000	0.6956	6.956
d9-THC	1972-08-3	0.001000	0.4539	4.539
CBG	25654-31-3	0.001000	0.08360	0.8360
CBDa	1244-58-2	0.001000	0.07451	0.7451
d10-THC	95543-62-7	0.001000	0.05270	0.5270
d8-THC	5957-75-5	0.001000	ND	ND
THCV	31262-37-0	0.001000	ND	ND
CBD	13956-29-1	0.001000	ND	ND
CBDV	24274-48-4	0.001000	ND	ND
CBC	20675-51-8	0.001000	ND	ND
CBN	521-35-7	0.001000	ND	ND

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.
Unless otherwise stated all QC passed.
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.
Amended to update batch ID

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
Permit #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director

Report Date: 06/21/2023 6:15:39PM

AMENDED

Certificate of Analysis

Final

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

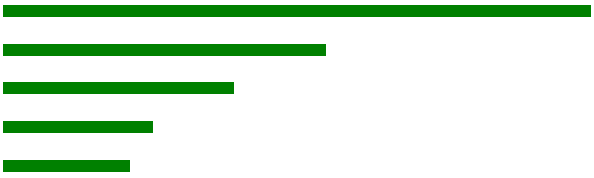
Sample #: 1386 **3.5g Jarred Flower**

Terpenes by HS-GC-MS

Date Completed: 06/02/2023 12:54PM

Compound	CAS#	LOQ (%)	%
trans-Caryophyllene	87-44-5	0.10	0.51
R(+)-Limonene	5989-27-5	0.10	0.28
alpha-Humulene	6753-98-6	0.10	0.20
alpha-Farnesene	502-61-4	0.10	0.13
Linalool	78-70-6	0.10	0.11
(-)-Borneol	464-45-9	0.10	ND
(-)-Caryophyllene Oxide	1139-30-6	0.10	ND
(-)-Isopulegol	89-79-2	0.10	ND
(+)-Borneol	464-43-7	0.10	ND
(+)-Cedrol	77-53-2	0.10	ND
(1R)-(+)-Camphor	464-49-3	0.10	ND
3-Carene	13466-78-9	0.10	ND
alpha-Bisabolol	515-69-5	0.10	ND
alpha-Cedrene	469-61-4	0.10	ND
alpha-Pinene	80-56-8	0.10	ND
alpha-Terpinene	99-86-5	0.10	ND
alpha-Terpineol	98-55-5	0.10	ND
beta-Farnesene	18794-84-8	0.10	ND
beta-Myrcene	123-35-3	0.10	ND
beta-Pinene	127-91-3	0.10	ND
Camphene	79-92-5	0.10	ND

Relative Concentration



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.
Amended to update batch ID

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
Permit #: OCM-CPL-2022-00007

ACCREDITED
CERTIFICATE NUMBER 4405.03

Dr. Kelly Greenland, Lab Director

Report Date: 06/21/2023 6:15:39PM

AMENDED

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 #: 1386

3.5g Jarred Flower

Compound	CAS#	LOQ (%)	%	Relative Concentration
cis-Nerolidol	142-50-7	0.10	ND	
cis-Ocimene	3338-55-4	0.10	ND	
Endo-Fenchyl Alcohol	14575-74-7	0.10	ND	
Eucalyptol	470-82-6	0.10	ND	
Fenchone	1195-79-5	0.10	ND	
gamma-Terpinene	99-85-4	0.10	ND	
gamma-Terpineol	586-81-2	0.10	ND	
Geraniol	106-24-1	0.10	ND	
Geranyl Acetate	105-87-3	0.10	ND	
Guaiol	489-86-1	0.10	ND	
Hexahydro Thymol	15356-70-4	0.10	ND	
Nerol	106-25-2	0.10	ND	
p-Mentha-1,5-diene	99-83-2	0.10	ND	
Pulegone	89-82-7	0.10	ND	
Sabinene	3387-41-5	0.10	ND	
Sabinene Hydrate	546-79-2	0.10	ND	
Terpinolene	586-62-9	0.10	ND	
trans-Nerolidol	40716-66-3	0.10	ND	
trans-Ocimene	3779-61-1	0.10	ND	
Valencene	4630-07-3	0.10	ND	

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

Foreign Matter by Microscopy

Pass

Analysis Date: 06/01/2023 4:09 pm

Compound	LOQ (%)	Limits (%)	Result (%)	Status
% Foreign Matter	0.001	2.0	ND	Pass
Mammalian Exreta	0.001	0.03	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.
Amended to update batch ID

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
Permit #: OCM-CPL-2022-00007

ACCREDITED
CERTIFICATE NUMBER 4405.03

Dr. Kelly Greenland, Lab Director

Report Date: 06/21/2023 6:15:39PM

AMENDED

Certificate of Analysis

Final

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

Sample #: 1386 **3.5g Jarred Flower**

Foreign Matter by Microscopy

Pass

Analysis Date: 06/01/2023 4:09 pm

Compound	LOQ (%)	Limits (%)	Result (%)	Status
Stems	0.001	5.0	ND	Pass

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

Analysis Date: 06/01/2023 12:45 pm

Compound	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	1.2	5 - 15	11.9	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

Analysis Date: 06/01/2023 4:09 pm

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.65	0.45	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

Analysis Date: 06/21/2023 4:55 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.5	ND	Pass
Acephate	0.0100	0.4	ND	Pass
Acequinocyl	0.0100	2	ND	Pass
Acetamiprid	0.0100	0.2	ND	Pass
Aldicarb	0.0100	0.4	ND	Pass
Azadirachtin	0.0100	1	ND	Pass
Azoxystrobin	0.0100	0.2	ND	Pass
Bifenazate	0.0100	0.2	ND	Pass
Bifenthrin	0.0100	0.2	ND	Pass
Boscalid	0.0100	0.4	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.
Amended to update batch ID

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
Permit #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director

Report Date: 06/21/2023 6:15:39PM

AMENDED

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 #: 1386 **3.5g Jarred Flower**

Pesticides by LCMSMS

Pass

Analysis Date: 06/21/2023 4:55 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Captan	0.0100	1	ND	Pass
Carbaryl	0.0100	0.2	ND	Pass
Carbofuran	0.0100	0.2	ND	Pass
Chlorantraniliprole	0.0100	0.2	ND	Pass
Chlordane-alpha	0.0100	1	ND	Pass
Chlorfenapyr	0.0100	1	ND	Pass
Chlormequat Chloride	0.0100	1	ND	Pass
Chlorpyrifos	0.0100	0.2	ND	Pass
Clofentezine	0.0100	0.2	ND	Pass
Coumaphos	0.0100	1	ND	Pass
Cyfluthrin	0.0100	1	ND	Pass
Cypermethrin	0.0100	1	ND	Pass
Daminozide	0.0100	1	ND	Pass
Diazinon	0.0100	0.2	ND	Pass
Dichlorvos	0.0100	1	ND	Pass
Dimethoate	0.0100	0.2	ND	Pass
Dimethomorph	0.0100	1	ND	Pass
Ethoprophos	0.0100	0.2	ND	Pass
Etofenprox	0.0100	0.4	ND	Pass
Etoxazole	0.0100	0.2	ND	Pass
Fenhexamid	0.0100	1	ND	Pass
Fenoxycarb	0.0100	0.2	ND	Pass
Fenpyroximate	0.0100	0.4	ND	Pass
Fipronil	0.0100	0.4	ND	Pass
Flonicamid	0.0100	1	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.
Amended to update batch ID

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
Permit #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director

Report Date: 06/21/2023 6:15:39PM

AMENDED

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 #: 1386 **3.5g Jarred Flower**

Pesticides by LCMSMS

Pass

Analysis Date: 06/21/2023 4:55 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Fludioxonil	0.0100	0.4	ND	Pass
Hexythiazox	0.0100	1	ND	Pass
Imazalil	0.0100	0.2	ND	Pass
Imidacloprid	0.0100	0.4	ND	Pass
Indolebutyric Acid	0.0100	1	ND	Pass
Kresoxim-methyl	0.0100	0.4	ND	Pass
Malathion	0.0100	0.2	ND	Pass
Metalaxyl	0.0100	0.2	ND	Pass
Methiocarb	0.0100	0.2	ND	Pass
Methomyl	0.0100	0.4	ND	Pass
Methyl Parathion	0.0100	0.2	ND	Pass
Mevinphos	0.0100	1	ND	Pass
MGK-264	0.0100	0.2	ND	Pass
Myclobutanil	0.0100	0.2	ND	Pass
Naled	0.0100	0.5	ND	Pass
Oxamyl	0.0100	1	ND	Pass
Paclobutrazol	0.0100	0.4	ND	Pass
Pentachloronitrobenzene	0.0100	1	ND	Pass
Permethrins, Total	0.0100	0.2	ND	Pass
Phosmet	0.0100	0.2	ND	Pass
Piperonyl Butoxide	0.0100	2	ND	Pass
Prallethrin	0.0100	0.2	ND	Pass
Propiconazole	0.0100	0.4	ND	Pass
Propoxur	0.0100	0.2	ND	Pass
Pyrethrins Total	0.0100	1	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.
Amended to update batch ID

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
Permit #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director

Report Date: 06/21/2023 6:15:39PM

AMENDED

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 #: 1386 **3.5g Jarred Flower**

Pesticides by LCMSMS

Pass

Analysis Date: 06/21/2023 4:55 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Pyridaben	0.0100	0.2	ND	Pass
Spinetoram Total	0.0100	1	ND	Pass
Spinosad Total	0.0100	0.2	ND	Pass
Spiromesifen	0.0100	0.2	ND	Pass
Spirotetramat	0.0100	0.2	ND	Pass
Spiroxamine	0.0100	0.2	ND	Pass
Tebuconazole	0.0100	0.4	ND	Pass
Thiacloprid	0.0100	0.2	ND	Pass
Thiamethoxam	0.0100	0.2	ND	Pass
Trifloxystrobin	0.0100	0.2	ND	Pass

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

Mycotoxins by LCMSMS

Pass

Analysis Date: 06/02/2023 10:39 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin B1	0.0050	0.020	ND	Pass
Aflatoxin B2	0.0050	0.020	ND	Pass
Aflatoxin G1	0.0050	0.020	ND	Pass
Aflatoxin G2	0.0050	0.020	ND	Pass
Ochratoxin A	0.0050	0.020	ND	Pass
Total Aflatoxin	0.0050	0.020	ND	Pass

Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

Heavy Metals by ICPMS

Pass

Analysis Date: 06/02/2023 9:57 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.01	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.
Amended to update batch ID

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
Permit #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director

Report Date: 06/21/2023 6:15:39PM

AMENDED

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 #: 1386 **3.5g Jarred Flower**

Heavy Metals by ICPMS

Pass

Analysis Date: 06/02/2023 9:57 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Arsenic	0.001	0.2	0.010	Pass
Cadmium	0.0015	0.3	0.0083	Pass
Chromium	0.28	110	0.59	Pass
Copper	0.075	30	6.9	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

Analysis Date: 06/01/2023 11:38 am

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
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.
Amended to update batch ID

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
Permit #: OCM-CPL-2022-00007

Dr. Kelly Greenland, Lab Director

Report Date: 06/21/2023 6:15:39PM