



CERTIFICATE OF ANALYSIS

Regulatory Compliance Testing
Report Date: Jun 17, 2024

Overall Result



PASS

Flowerhouse Walden, LLC

pg 1 of 5

FH0645

Flower



SAMPLE INFORMATION

Sample ID: CTNY-240611-002
Sample Name: FH0645
Matrix: Cannabis Flower Product
Product: Flower
Batch No.: FH0645
Batch Size: 1000 Units
Sample Size: 8 Units
Cultivar(s): N/A
Date Collected: Jun 11, 2024
Time Collected: 13:15:16
Date Received: Jun 11, 2024
Category: Cannabis_flower_product
Compliance Type: Adult Use
Received By: Gabrielle

CULTIVATOR

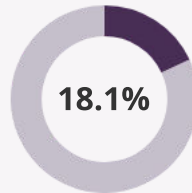
Flowerhouse Walden, LLC
License: OCM-AUCC-22-000111
Address: 2763 State Route 208
Walden, New York 12586

CONTACT

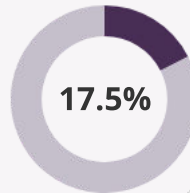
Kristen Garringer
Phone: (413) 329-9530
Address: 2763 State Route 208
Walden, New York 12586

Cannabinoids

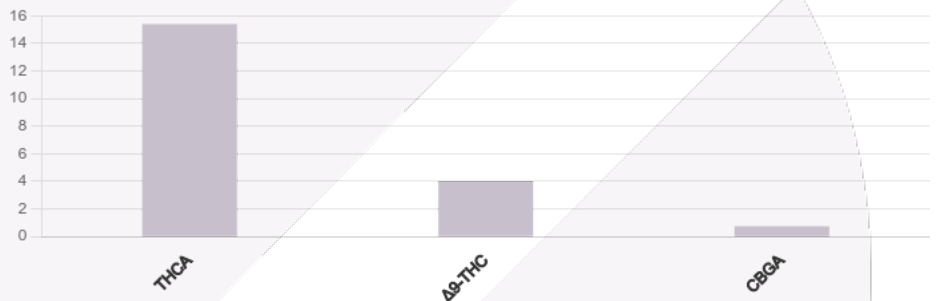
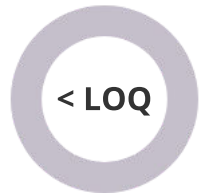
TOTAL CANNABINOIDS



TOTAL THC

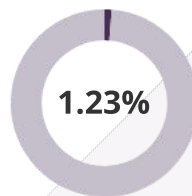


TOTAL CBD



Terpenes

TOTAL TERPENES



TOP 5 TERPENES

Terpene	Percentage	Profile	Icon
β-Caryophyllene	0.47%	Spicy	
α-Humulene	0.16%	Hops	
α-Bisabolol	0.16%	Floral	
d-Limonene	0.1%	Citrus	
β-Myrcene	0.09%	Herbal	

PROFILE

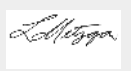
Test	Result
Cannabinoids	TESTED
Foreign Matter	PASS
Heavy Metals	PASS
Microbials	PASS
Moisture Content	PASS
Mycotoxins	PASS
Pesticides	PASS
Terpenes	PASS
Water Activity	PASS



Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-2022-00009
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com



Larry Clement
Technical Lab Director
Jun 17, 2024



Lovelie Metzgar
Quality Manager
Jun 17, 2024

Definitions and Equations: Total THC = THCa*0.877 + Δ8-THC + Δ9-THC + Δ10-THC, Δ10-THC = 9R-Δ10-THC + 9S-Δ10-THC, Total CBD = CBDA*0.877 + CBD, Total Cannabinoids = All analytes summed excluding the isomers 9R-Δ10-THC and 9S-Δ10-THC, LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relates only to the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND. All methods and results used conform to the NYS OCM regulations and standards. For bulk flower and plant forms, phytocannabinoids are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-SM-001



FH0645

Cannabinoids

Testing Method: CTND-NY-SOP-P-002, CTND-NY-SOP-P-001: Cannabinoids by HPLC

TESTED

Table with 7 columns: Analyte, Dilution, LOQ, Results, Results, Results, Results. Rows include 9R-Δ10-THC, 9S-Δ10-THC, CBC, CBD, CBDA, CBDV, CBG, Total THC, Total CBD.

Table with 7 columns: Analyte, Dilution, LOQ, Results, Results, Results, Results. Rows include CBGA, CBN, Δ8-THC, Δ9-THC, Δ10-THC, THCA, THCv, Total THC, Total CBD.

Prepared By: oejdfk
Analysis Date: Jun 13, 2024 17:20:00 EDT

Analyzed By: oejdfk
Prep Weight: 0.2434 Grams

Reviewed By: oejdfk
Lab Batch #: NP240141

Foreign Matter

Testing Method: CTND-NY-SOP-F-001: Foreign Material by Visual Inspection

PASS

Table with 4 columns: Analyte, Limit, Results, Status. Rows include Foreign Matter, Mammal Excrement.

Table with 4 columns: Analyte, Limit, Results, Status. Row includes Stems.

Prepared By: 1g6xws
Analysis Date: Jun 11, 2024 14:05:00 EDT

Analyzed By: 1g6xws
Prep Weight: Grams

Reviewed By: 1g6xws
Lab Batch #: NF240005

Heavy Metals

Testing Method: CTND-NY-SOP-M-002, CTND-NY-SOP-M-001: Heavy Metals by ICP-MS

PASS

Table with 6 columns: Analyte, Dilution, LOQ, Limit, Results, Status. Rows include Antimony, Arsenic, Cadmium, Chromium.

Table with 6 columns: Analyte, Dilution, LOQ, Limit, Results, Status. Rows include Copper, Lead, Mercury, Nickel.

Prepared By: tvckqh
Analysis Date: Jun 14, 2024 12:29:00 EDT

Analyzed By: tvckqh
Prep Weight: 0.5032 Grams

Reviewed By: tvckqh
Lab Batch #: NM240118



Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-2022-00009
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com



Larry Clement
Technical Lab Director
Jun 17, 2024



Lovelie Metzgar
Quality Manager
Jun 17, 2024

Definitions and Equations: Total THC = THCa*0.877 + Δ8-THC + Δ9-THC + Δ10-THC, Δ10-THC = 9R-Δ10-THC + 9S-Δ10-THC, Total CBD = CBDA*0.877 + CBD, Total Cannabinoids = All analytes summed excluding the isomers 9R-Δ10-THC and 9S-Δ10-THC, LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relates only to the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND. All methods and results used conform to the NYS OCM regulations and standards. For bulk flower and plant forms, phytocannabinoids are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-SM-001



FH0645

Microbials

PASS

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Aerobic Bacteria	CFU/g 100		CFU/g 260000	N/A	Micro: Total Viable Aerobic Bacteria by Biomerieux Tempo
					Prepared By: k4gdmc Analysis Date: Jun 13, 2024 15:45:00 EDT
					Reviewed By: k4gdmc Lab Batch #: NB240040
					Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Aspergillus flavus	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Micro: Aspergillus by Biomerieux Gene-Up
Aspergillus fumigatus	1.00	Absent in any amt	Absent	Pass	
Aspergillus niger	1.00	Absent in any amt	Absent	Pass	
Aspergillus terreus	1.00	Absent in any amt	Absent	Pass	
					Prepared By: k4gdmc Analysis Date: Jun 12, 2024 17:00:00 EDT
					Reviewed By: k4gdmc Lab Batch #: NB0240039
					Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Shiga toxin-producing E. coli	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Micro: Shiga Toxin-producing E. Coli by Biomerieux Gene-Up
					Prepared By: k4gdmc Analysis Date: Jun 12, 2024 17:00:00 EDT
					Reviewed By: k4gdmc Lab Batch #: NB240039
					Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Salmonella spp.	CFU/g 1.00	Absent in any amt	CFU/g Absent	Pass	Micro: Salmonella by Biomerieux Gene-Up
					Prepared By: k4gdmc Analysis Date: Jun 12, 2024 17:00:00 EDT
					Reviewed By: k4gdmc Lab Batch #: NB240039
					Analyzed By: k4gdmc

Analyte	LOQ	Limit	Results	Status	Testing & Prep Method:
Yeast & Mold	CFU/g 100		CFU/g 22000	N/A	Micro: Total Yeast & Mold by Biomerieux Tempo
					Prepared By: k4gdmc Analysis Date: Jun 14, 2024 15:45:00 EDT
					Reviewed By: k4gdmc Lab Batch #: NB240039
					Analyzed By: k4gdmc

Moisture Content

Testing Method: CTND-NY-SOP-S-001: Moisture Content

PASS

Analyte	Limit	Results	Status
Moisture	15 %	10.0 %	Pass
Prepared By: 1g6xws Analysis Date: Jun 11, 2024 16:40:00 EDT			
Analyzed By: 1g6xws Prep Weight: Grams			
Reviewed By: 1g6xws Lab Batch #: NS240012			

Mycotoxins

Testing Method: CTND-NY-SOP-PM-002, CTND-NY-SOP-PM-001: Mycotoxins by LC-MS/MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Status	Analyte	Dilution	LOQ	Limit	Results	Status
Aflatoxin B1	1:n	µg/g 0.00929	µg/g	µg/g < LOQ	N/A	Aflatoxin G2	1:n	µg/g 0.00929	µg/g	µg/g < LOQ	N/A
Aflatoxin B2	1	0.00929		< LOQ	N/A	Ochratoxin A	1	0.00929	0.02	< LOQ	Pass
Aflatoxin G1	1	0.00929		< LOQ	N/A	Aflatoxins			0.02	< LOQ	Pass
Prepared By: k4gdmc Analysis Date: Jun 13, 2024 18:30:00 EDT						Analyzed By: k4gdmc Prep Weight: 1.0762 Grams					
						Reviewed By: k4gdmc Lab Batch #: NPM240116					



Certified Testing and Data
 150 Broadway STE 194
 Menands, NY 12204
 certifiedtnd.com
 License: OCM-CPL-2022-00009
 Contact: Larry Clement
 ph: 5189005515
 email: info@certifiedtnd.com



Larry Clement
 Technical Lab Director
 Jun 17, 2024



Lovelie Metzgar
 Quality Manager
 Jun 17, 2024



FH0645

Pesticides

Testing Method: CTND-NY-SOP-PM-002: Pesticides by LC-MS/MS

PASS

Table with 11 columns: Analyte, Dilution, LOQ, Limit, Results, Status. Contains two columns of pesticide data with various chemical names and their corresponding test results.

Prepared By: k4gdmc
Analysis Date: Jun 13, 2024 17:30:00 EDT, Jun 13, 2024 18:30:00 EDT

Analyzed By: k4gdmc
Prep Weight: 1.0762 Grams

Reviewed By: k4gdmc
Lab Batch #: NPM240116



Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-2022-00009
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com



Larry Clement
Technical Lab Director
Jun 17, 2024



Lovelie Metzgar
Quality Manager
Jun 17, 2024

Definitions and Equations: Total THC = THCa*0.877 + Δ8-THC + Δ9-THC + Δ10-THC, Δ10-THC = 9R-Δ10-THC + 9S-Δ10-THC, Total CBD = CBDA*0.877 + CBD, Total Cannabinoids = All analytes summed excluding the isomers 9R-Δ10-THC and 9S-Δ10-THC, LOQ = Limit of Quantification, LOD = Limit of Detection. This report, and all results within, relates only to the items tested, calibrated or sampled, and may not be reproduced without written approval from CTND. All methods and results used conform to the NYS OCM regulations and standards. For bulk flower and plant forms, phytocannabinoids are corrected for moisture content and reported on a dry weight basis. Sampling & Transportation SOP: CTND-NY-SOP-SM-001



FH0645

Terpenes

Testing Method: CTND-NY-SOP-T-001, CTND-NY-SOP-T-002: Terpenes by GC-MS

PASS

Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%	%	%	mg/g
α-Bisabolol	1	0.0195		0.1557	1.5570
α-Humulene	1	0.0195		0.1574	1.5740
α-Phellandrene	1	0.0195	< LOQ	< LOQ	< LOQ
α-Pinene	1	0.0195	< LOQ	< LOQ	< LOQ
α-Terpinene	1	0.0195	< LOQ	< LOQ	< LOQ
β-Caryophyllene	1	0.0195		0.4748	4.7480
β-Myrcene	1	0.0195		0.0941	0.9410
β-Pinene	1	0.0195	< LOQ	< LOQ	< LOQ
Camphene	1	0.0195	< LOQ	< LOQ	< LOQ
Caryophyllene Oxide	1	0.0195		0.0372	0.3720
cis-β-Ocimene	1	0.0055	< LOQ	< LOQ	< LOQ
d-Limonene	1	0.0195		0.1040	1.0400
Δ ³ -Carene	1	0.0195	< LOQ	< LOQ	< LOQ
Eucalyptol	1	0.0195	< LOQ	< LOQ	< LOQ
Total Terpenes			10	1.2265	12.2650

Analyte	Dilution	LOQ	Limit	Results	Results
	1:n	%	%	%	mg/g
Fenchol	1	0.0195	< LOQ	< LOQ	< LOQ
γ-Terpinene	1	0.0195	< LOQ	< LOQ	< LOQ
Geraniol	1	0.0195	< LOQ	< LOQ	< LOQ
Guaiol	1	0.0195		0.0890	0.8900
Isopulegol	1	0.0195	< LOQ	< LOQ	< LOQ
Linalool	1	0.0195		0.0754	0.7540
p-Cymene	1	0.0195	< LOQ	< LOQ	< LOQ
Terpineol	1	0.0195	< LOQ	< LOQ	< LOQ
Terpinolene	1	0.0195	< LOQ	< LOQ	< LOQ
trans-β-Farnesene	1	0.0195		0.0389	0.3890
trans-β-Ocimene	1	0.0131	< LOQ	< LOQ	< LOQ
trans-Nerolidol	1	0.0195	< LOQ	< LOQ	< LOQ
Valencene	1	0.0195	< LOQ	< LOQ	< LOQ
Total Terpenes			10	1.2265	12.2650

Prepared By: tvckqh
Analysis Date: Jun 12, 2024 16:30:00 EDT

Analyzed By: tvckqh
Prep Weight: 0.1024 Grams

Reviewed By: tvckqh
Lab Batch #: NT240114

Water Activity

Testing Method: CTND-NY-SOP-W-001: Water Activity

PASS

Analyte	Limit	Results	Status
Water Activity	0.65 Aw	0.43 Aw	Pass

Prepared By: 1g6xws
Analysis Date: Jun 11, 2024 15:00:00 EDT

Analyzed By: 1g6xws
Prep Weight: Grams

Reviewed By: 1g6xws
Lab Batch #: NW240112

Regulatory Compliance Testing



Certified Testing and Data
150 Broadway STE 194
Menands, NY 12204
certifiedtnd.com
License: OCM-CPL-2022-00009
Contact: Larry Clement
ph: 5189005515
email: info@certifiedtnd.com



Larry Clement
Technical Lab Director
Jun 17, 2024



Lovelie Metzgar
Quality Manager
Jun 17, 2024