



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 08/21/2025
Batch Size: 8428 g
Batch Unit Size: 3.5 g
Units Sampled: 13
Total Amt. Sampled: 45.5 g
Seed to Sale ID: 6711287893382072
QA Sample ID: 1865182400221290

6711287893382072



Laboratory ID: JH22015-02
Sample Matrix: Whole Flower
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: WT - Gridlock
Product Name: FLOWER - FLOWERY MYLAR BAG
Description: 3.5G
Sample Date: 08/22/25
Received: 08/22/25 15:15
Completed: 08/26/25 16:53

POTENCY SUMMARY (As Received)

Total CBD
0.0567% (1.98 mg)

Total THC
22.2% (777 mg)

Total Cannabinoids
26.6% (930 mg)

Analyte	%	mg
THCa	25.1	879
CBGa	0.979	34.3
delta 9-THC	0.278	9.73
CBG	0.137	4.80
CBDa	0.0646	2.26
CBC	<LOQ	<LOQ
CBD	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
THCV	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Total Terpenes
2.28%

Analyte	%
beta-Caryophyllene	0.756
d-Limonene	0.322
beta-Myrcene	0.248
alpha-Humulene	0.220
Linalool	0.214
alpha-Bisabolol	0.110
trans-Nerolidol	0.0573
Fenchyl Alcohol	0.0553
alpha-Terpineol	0.0494
beta-Pinene	0.0493

ANALYSIS SUMMARY

Potency	Completed	Homogeneity	Not Tested	Terpenes	Completed
Residual Solvents	Not Tested	% Moisture	PASS	Water Activity	PASS
Foreign Matter	PASS	Pesticides	PASS	Mycotoxins	PASS
Heavy Metals	PASS	Microbials	PASS	Label Claim	Not Applicable

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LOQ = Limit of Quantification

ND = Non-Detect

RPD = Relative Percent Difference

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

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Sample Matrix: Whole Flower
 Cultivar: WT - Gridlock
 Product Name: FLOWER - FLOWERY MYLAR BAG

Lab ID: JH22015-02
 Received: 08/22/25 15:15
 Completed: 08/26/25 16:53

Potency by HPLC

Batch: B5H2212
 SOP: MCS-SOP-002

Prep By: 1005
 Prep On: 8/23/25 10:02

Ana. By: 1005
 Ana. On: 8/23/25 18:40

Initial (g): 0.2024
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	22.2	100	0.0316	0.463	Total CBD	0.0567	1	0.000484	0.00463
delta 8-THC	ND	1	0.000158	0.00247	delta 9-THC	0.278	1	0.000168	0.00247
THCa	25.1	100	0.0168	0.247	THCV	ND	1	0.000356	0.00247
CBD	ND	1	0.000326	0.00247	CBDa	0.0646	1	0.000198	0.00247
CBDV	ND	1	0.000217	0.00247	CBC	ND	1	0.000741	0.00247
CBG	0.137	1	0.000158	0.00247	CBGa	0.979	100	0.0158	0.247
CBN	ND	1	0.000188	0.00247					

Terpene Screen by GC/MS

Batch: B5H2232
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 8/25/25 10:10

Ana. By: 1005
 Ana. On: 8/25/25 22:36

Initial (g): 0.1025
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0326	1	0.00488	0.00976	Camphene	0.0113	1	0.00488	0.00976
beta-Pinene	0.0493	1	0.00488	0.00976	3-Carene	ND	1	0.00488	0.00976
alpha-Terpinene	ND	1	0.00488	0.00976	Camphor	ND	1	0.00488	0.00976
d-Limonene	0.322	1	0.00488	0.00976	1,8-Cineole (Eucalyptol)	ND	1	0.00488	0.00976
gamma-Terpinene	ND	1	0.00488	0.00976	Terpinolene	0.00757	1	0.00488	0.00976
Isopulegol	0.0373	1	0.00488	0.00976	Linalool	0.214	1	0.00488	0.00976
Geraniol	0.0418	1	0.00488	0.00976	beta-Caryophyllene	0.756	1	0.00488	0.00976
alpha-Humulene	0.220	1	0.00488	0.00976	cis-Nerolidol	ND	1	0.00488	0.00976
Caryophyllene oxide	0.0443	1	0.00488	0.00976	(+/-)-Fenchone	ND	1	0.00488	0.00976
(+/-)-Borneol	0.0229	1	0.00488	0.00976	(+)-Pulegone	ND	1	0.00488	0.00976
Cedrol	ND	1	0.00488	0.00976	Geranyl Acetate	ND	1	0.00488	0.00976
alpha-Bisabolol	0.110	1	0.00488	0.00976	alpha-Phellandrene	ND	1	0.00488	0.00976
alpha-Terpineol	0.0494	1	0.00488	0.00976	Nerol	ND	1	0.00488	0.00976
Sabinene	ND	1	0.00488	0.00976	Valencene	ND	1	0.00488	0.00976
beta-Myrcene	0.248	1	0.00488	0.00976	Sabinene Hydrate	ND	1	0.00488	0.00976
alpha-Cedrene	ND	1	0.00488	0.00976	Fenchyl Alcohol	0.0553	1	0.00488	0.00976
Guaiol	ND	1	0.00488	0.00976	trans-Nerolidol	0.0573	1	0.00488	0.00976
Isoborneol	ND	1	0.00488	0.00976	Ocimene, Total	ND	1	0.00488	0.00976
gamma-Terpineol	ND	1	0.00488	0.00976	Menthol	ND	1	0.00488	0.00976

Moisture by Vacuum Desiccation

Batch: B5H2238
 SOP: MCS-SOP-G02

Prep By: 1048
 Prep On: 8/25/25 10:28

Ana. By: 1055
 Ana. On: 8/25/25 14:28

Initial (g): 0.5
 Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	10.2	1	15

Water Activity by REH

Batch: B5H2236
 SOP: MCS-SOP-G03

Prep By: 1028
 Prep On: 8/25/25 10:41

Ana. By: 1048
 Ana. On: 8/25/25 15:43

Initial (g): 0.102
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.51	1	0.65	0.040	0.040

Foreign Matter

Batch: B5H2248
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 8/22/25 17:15

Ana. By: 1048
 Ana. On: 8/22/25 17:30

Initial (g): 1
 Final (g): 1

Analyte (P/A)	Result	Diln	Reg. Limit	MDL	PQL
Foreign Matter	Absent	1	1	1.00	1.00

6711287893382072

Sample Matrix: Whole Flower
 Cultivar: WT - Gridlock
 Product Name: FLOWER - FLOWERY MYLAR BAG

Lab ID: JH22015-02
 Received: 08/22/25 15:15
 Completed: 08/26/25 16:53

Pesticides by LC-QQQ

Batch: B5H2231
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 8/25/25 11:37

Ana. By: 1056
 Ana. On: 8/25/25 21:29

Initial (g): 1.0045
 Final (g): 25

Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	ND	10	100	9.98	55.5	Acephate	ND	10	100	6.88	27.7
Acequinocyl	ND	10	100	4.10	55.5	Acetamiprid	ND	10	100	3.55	27.7
Aldicarb	ND	10	100	10.4	27.7	Azoxystrobin	ND	10	100	5.10	13.9
Bifenazate	ND	10	100	5.21	27.7	Bifenthrin	ND	10	100	4.33	13.9
Boscalid	ND	10	100	16.2	55.5	Carbaryl	ND	10	500	8.65	27.7
Carbofuran	ND	10	100	4.10	13.9	Chlorantraniliprole	ND	10	1000	8.87	139
Chlormequat chloride	ND	10	1000	3.44	55.5	Chlorpyrifos	ND	10	100	4.66	27.7
Clofentezine	ND	10	200	5.43	27.7	Coumaphos	ND	10	100	7.54	27.7
Cyfluthrin	ND	10	500	42.6	139	Cypermethrin	ND	10	500	10.6	139
Daminozide	ND	10	100	8.65	55.5	Diazinon	ND	10	100	2.99	13.9
Dichlorvos	ND	10	100	11.1	55.5	Dimethoate	ND	10	100	1.22	13.9
Dimethomorph, Total	ND	10	200	3.44	55.5	Ethoprophos	ND	10	100	5.88	13.9
Etofenprox	ND	10	100	4.55	27.7	Etoazole	ND	10	100	4.10	27.7
Fenhexamid	ND	10	100	5.43	55.5	Fenoxycarb	ND	10	100	4.99	27.7
Fenpyroximate	ND	10	100	2.44	13.9	Fipronil	ND	10	100	13.2	55.5
Flonicamid	ND	10	100	4.66	27.7	Fludioxonil	ND	10	100	9.76	55.5
Hexythiazox	ND	10	100	3.44	13.9	Imazalil	ND	10	100	5.88	55.5
Imidacloprid	ND	10	400	4.99	27.7	Kresoxim-Methyl	ND	10	100	4.99	27.7
Malathion	ND	10	200	16.2	55.5	Metalaxyl	ND	10	100	5.55	13.9
Methiocarb	ND	10	100	10.1	27.7	Methomyl	ND	10	100	2.22	13.9
Mevinphos	ND	10	100	5.88	27.7	Myclobutanil	ND	10	100	7.87	27.7
Dibrom (Naled)	ND	10	250	10.6	55.5	Oxamyl	ND	10	250	2.33	13.9
Paclobutrazol	ND	10	100	8.21	27.7	Permethrin	ND	10	100	4.44	27.7
Phosmet	ND	10	100	4.99	27.7	Piperonyl butoxide	ND	10	3000	22.2	55.5
Prallethrin	ND	10	100	6.43	27.7	Propiconazole (Tilt)	ND	10	100	4.99	55.5
Baygon (Propoxur)	ND	10	100	3.33	13.9	Pyrethrins, Total	ND	10	500	5.99	55.5
Pyridaben	ND	10	200	1.77	13.9	Spinetoram, Total	ND	10	200	3.66	55.5
Spiromesifen	ND	10	100	3.99	13.9	Spirotetramat	ND	10	100	4.88	27.7
Spiroxamine	ND	10	100	2.77	13.9	Tebuconazole	ND	10	100	4.33	27.7
Thiacloprid	ND	10	100	1.77	27.7	Thiamethoxam	ND	10	500	2.44	27.7
Trifloxystrobin	ND	10	100	4.55	13.9	Spinosad, Total	ND	10	100	4.88	40.2

Pesticides by GC-QQQ

Batch: B5H2231
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 8/25/25 11:37

Ana. By: 1039
 Ana. On: 8/25/25 21:38

Initial (g): 1.0045
 Final (g): 25

Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozone)	ND	5	150	9.50	27.7	Methyl parathion	ND	5	100	4.74	27.7
Captan	ND	5	700	13.7	27.7	Chlordane, Total	ND	5	100	10.8	27.7
Chlorfenapyr	ND	5	100	12.1	27.7						

Mycotoxins by LC-QQQ

Batch: B5H2231
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 8/25/25 11:37

Ana. By: 1056
 Ana. On: 8/26/25 03:35

Initial (g): 1.0045
 Final (g): 25

Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	ND	10	20	9.96	9.96	Ochratoxin A	ND	10	20	2.51	9.96
Aflatoxin G2	ND	10	20	7.44	9.96	Aflatoxin G1	ND	10	20	3.23	9.96
Aflatoxin B2	ND	10	20	3.86	9.96	Aflatoxin B1	ND	10	20	2.93	9.96



CMTL-0005

4705 Old Rd 37
 Lakeland, FL 33813
 www.moderncanna.com
 863-608-7800

Richard Dillen
 Laboratory Director



Accreditation #102020



6711287893382072

Sample Matrix: Whole Flower
 Cultivar: WT - Gridlock
 Product Name: FLOWER - FLOWERY MYLAR BAG

Lab ID: JH22015-02
 Received: 08/22/25 15:15
 Completed: 08/26/25 16:53

Total Metals by ICP-MS

Batch: B5H2234
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 8/25/25 13:50

Ana. By: 1028
 Ana. On: 8/25/25 17:05

Initial (g): 0.252
 Final (g): 25

Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	ND	1	200	22.1	111	Cadmium	ND	1	200	22.1	111
Lead	ND	1	500	55.3	276	Mercury	ND	1	200	22.1	55.3

Microbials by qPCR

Batch: B5H2229
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 8/23/25 12:07

Ana. By: 1058
 Ana. On: 8/24/25 15:52

Initial (g): 1.0005
 Final (g): 9

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Aspergillus flavus	Absent	1	1	1.00	1.00	Aspergillus fumigatus	Absent	1	1	1.00	1.00
Aspergillus niger	Absent	1	1	1.00	1.00	Aspergillus terreus	Absent	1	1	1.00	1.00
Aspergillus Total	Absent	1	1	1.00	1.00	Salmonella	Absent	1	1	1.00	1.00
Shiga Toxin E.coli	Absent	1	1	1.00	1.00						

Quantitative Microbials by qPCR

Batch: B5H2222
 SOP: MCS-SOP-M01

Prep By: 1005
 Prep On: 8/23/25 11:45

Ana. By: 1005
 Ana. On: 8/23/25 13:32

Initial (g): 1.0016
 Final (g): 19

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Yeast & Mold	Absent	20	100000	1000	1000