



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 08/28/2025
Batch Size: 11820 g
Batch Unit Size: 4 g
Units Sampled: 14
Total Amt. Sampled: 56 g
Seed to Sale ID: 7034175661345678
QA Sample ID: 4137789965776682

7034175661345678



Laboratory ID: JH29003-04
Sample Matrix: Whole Flower
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: 40 O.G.
Product Name: FLOWER - FOURTY O.G.
Description: 4G
Sample Date: 08/29/25
Received: 08/29/25 14:56
Completed: 09/03/25 13:49

POTENCY SUMMARY (As Received)

Total CBD
0.0795% (3.18 mg)

Total THC
26.9% (1,080 mg)

Total Cannabinoids
31.5% (1,260 mg)

Analyte	%	mg
THCa	30.2	1,210
CBGa	0.667	26.7
delta 9-THC	0.420	16.8
CBG	0.166	6.64
CBDA	0.0906	3.62
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
2.21%

Analyte	%
beta-Caryophyllene	0.652
d-Limonene	0.451
beta-Myrcene	0.256
alpha-Humulene	0.202
trans-Nerolidol	0.0875
alpha-Bisabolol	0.0767
Linalool	0.0723
beta-Pinene	0.0579
Fenchyl Alcohol	0.0567
Isopulegol	0.0486

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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 Cultivar: 40 O.G.
 Product Name: FLOWER - FOURTY O.G.

Lab ID: JH29003-04
 Received: 08/29/25 14:56
 Completed: 09/03/25 13:49

Potency by HPLC

Batch: B5H2928
 SOP: MCS-SOP-002

Prep By: 1044
 Prep On: 9/1/25 13:00

Ana. By: 1005
 Ana. On: 9/2/25 15:29

Initial (g): 0.2033
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	26.9	100	0.0315	0.461	Total CBD	0.0795	1	0.000482	0.00461
delta 8-THC	ND	1	0.000157	0.00246	delta 9-THC	0.420	1	0.000167	0.00246
THCa	30.2	100	0.0167	0.246	THCV	ND	1	0.000354	0.00246
CBD	ND	1	0.000325	0.00246	CBDa	0.0906	1	0.000197	0.00246
CBDV	ND	1	0.000216	0.00246	CBC	ND	1	0.000738	0.00246
CBG	0.166	1	0.000157	0.00246	CBGa	0.667	100	0.0157	0.246
CBN	ND	1	0.000187	0.00246					

Terpene Screen by GC/MS

Batch: B5H2931
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 9/2/25 09:25

Ana. By: 1062
 Ana. On: 9/2/25 14:53

Initial (g): 0.1003
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0448	1	0.00499	0.00997	Camphene	0.0136	1	0.00499	0.00997
beta-Pinene	0.0579	1	0.00499	0.00997	3-Carene	ND	1	0.00499	0.00997
alpha-Terpinene	ND	1	0.00499	0.00997	Camphor	ND	1	0.00499	0.00997
d-Limonene	0.451	1	0.00499	0.00997	1,8-Cineole (Eucalyptol)	ND	1	0.00499	0.00997
gamma-Terpinene	ND	1	0.00499	0.00997	Terpinolene	0.0217	1	0.00499	0.00997
Isopulegol	0.0486	1	0.00499	0.00997	Linalool	0.0723	1	0.00499	0.00997
Geraniol	0.0400	1	0.00499	0.00997	beta-Caryophyllene	0.652	1	0.00499	0.00997
alpha-Humulene	0.202	1	0.00499	0.00997	cis-Nerolidol	ND	1	0.00499	0.00997
Caryophyllene oxide	0.0339	1	0.00499	0.00997	(+/-)-Fenchone	ND	1	0.00499	0.00997
(+/-)-Borneol	0.0128	1	0.00499	0.00997	(+)-Pulegone	ND	1	0.00499	0.00997
Cedrol	ND	1	0.00499	0.00997	Geranyl Acetate	ND	1	0.00499	0.00997
alpha-Bisabolol	0.0767	1	0.00499	0.00997	alpha-Phellandrene	ND	1	0.00499	0.00997
alpha-Terpineol	0.0463	1	0.00499	0.00997	Nerol	ND	1	0.00499	0.00997
Sabinene	ND	1	0.00499	0.00997	Valencene	ND	1	0.00499	0.00997
beta-Myrcene	0.256	1	0.00499	0.00997	Sabinene Hydrate	0.00526	1	0.00499	0.00997
alpha-Cedrene	ND	1	0.00499	0.00997	Fenchyl Alcohol	0.0567	1	0.00499	0.00997
Guaiol	ND	1	0.00499	0.00997	trans-Nerolidol	0.0875	1	0.00499	0.00997
Isoborneol	ND	1	0.00499	0.00997	Ocimene, Total	0.0276	1	0.00499	0.00997
gamma-Terpineol	ND	1	0.00499	0.00997	Menthol	ND	1	0.00499	0.00997

Moisture by Vacuum Desiccation

Batch: B5H2934
 SOP: MCS-SOP-G02

Prep By: 1048
 Prep On: 8/30/25 11:10

Ana. By: 1044
 Ana. On: 8/30/25 15:20

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

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	10.7	1	15

Water Activity by REH

Batch: B5H2933
 SOP: MCS-SOP-G03

Prep By: 1044
 Prep On: 8/30/25 17:14

Ana. By: 1054
 Ana. On: 9/1/25 15:00

Initial (g): 0.1011
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.48	1	0.65	0.040	0.040

Foreign Matter

Batch: B5H2927
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 8/29/25 15:51

Ana. By: 1044
 Ana. On: 8/30/25 10:00

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

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



CMTL-0005

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 Lakeland, FL 33813
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 863-608-7800

Richard Dillen

Richard Dillen
 Laboratory Director



Accreditation #102020



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Sample Matrix: Whole Flower
 Cultivar: 40 O.G.
 Product Name: FLOWER - FOURTY O.G.

Lab ID: JH29003-04
 Received: 08/29/25 14:56
 Completed: 09/03/25 13:49

Pesticides by LC-QQQ

Batch: B5H2930
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 9/2/25 09:32

Ana. By: 1067
 Ana. On: 9/2/25 16:54

Initial (g): 1.0029
 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	10.0	55.8	Acephate	ND	10	100	6.92	27.9
Acequinocyl	ND	10	100	4.13	55.8	Acetamiprid	ND	10	100	3.57	27.9
Aldicarb	ND	10	100	10.5	27.9	Azoxystrobin	ND	10	100	5.14	14.0
Bifenazate	ND	10	100	5.25	27.9	Bifenthrin	ND	10	100	4.35	14.0
Boscalid	ND	10	100	16.3	55.8	Carbaryl	ND	10	500	8.71	27.9
Carbofuran	ND	10	100	4.13	14.0	Chlorantraniliprole	ND	10	1000	8.93	140
Chlormequat chloride	ND	10	1000	3.46	55.8	Chlorpyrifos	ND	10	100	4.69	27.9
Clofentezine	ND	10	200	5.47	27.9	Coumaphos	ND	10	100	7.59	27.9
Cyfluthrin	ND	10	500	42.9	140	Cypermethrin	ND	10	500	10.7	140
Daminozide	ND	10	100	8.71	55.8	Diazinon	ND	10	100	3.01	14.0
Dichlorvos	ND	10	100	11.2	55.8	Dimethoate	ND	10	100	1.23	14.0
Dimethomorph, Total	ND	10	200	3.46	55.8	Ethoprophos	ND	10	100	5.92	14.0
Etofenprox	ND	10	100	4.58	27.9	Etoxazole	ND	10	100	4.13	27.9
Fenhexamid	ND	10	100	5.47	55.8	Fenoxycarb	ND	10	100	5.02	27.9
Fenpyroximate	ND	10	100	2.46	14.0	Fipronil	ND	10	100	13.3	55.8
Flonicamid	ND	10	100	4.69	27.9	Fludioxonil	ND	10	100	9.82	55.8
Hexythiazox	ND	10	100	3.46	14.0	Imazalil	ND	10	100	5.92	55.8
Imidacloprid	ND	10	400	5.02	27.9	Kresoxim-Methyl	ND	10	100	5.02	27.9
Malathion	ND	10	200	16.3	55.8	Metalaxyl	ND	10	100	5.58	14.0
Methiocarb	ND	10	100	10.2	27.9	Methomyl	ND	10	100	2.23	14.0
Mevinphos	ND	10	100	5.92	27.9	Myclobutanil	ND	10	100	7.93	27.9
Dibrom (Naled)	ND	10	250	10.7	55.8	Oxamyl	ND	10	250	2.34	14.0
Paclobutrazol	ND	10	100	8.26	27.9	Permethrin	ND	10	100	4.47	27.9
Phosmet	ND	10	100	5.02	27.9	Piperonyl butoxide	ND	10	3000	22.3	55.8
Prallethrin	ND	10	100	6.47	27.9	Propiconazole (Tilt)	6.08	10	100	5.02	55.8
Baygon (Propoxur)	ND	10	100	3.35	14.0	Pyrethrins, Total	ND	10	500	6.03	55.8
Pyridaben	ND	10	200	1.79	14.0	Spinetoram, Total	ND	10	200	3.68	55.8
Spiromesifen	ND	10	100	4.02	14.0	Spirotetramat	ND	10	100	4.91	27.9
Spiroxamine	ND	10	100	2.79	14.0	Tebuconazole	ND	10	100	4.35	27.9
Thiacloprid	ND	10	100	1.79	27.9	Thiamethoxam	ND	10	500	2.46	27.9
Trifloxystrobin	ND	10	100	4.58	14.0	Spinosad, Total	ND	10	100	4.91	40.5

Pesticides by GC-QQQ

Batch: B5H2930
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 9/2/25 09:32

Ana. By: 1039
 Ana. On: 9/2/25 17:16

Initial (g): 1.0029
 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	9.56	27.9	Methyl parathion	ND	5	100	4.77	27.9
Captan	ND	5	700	13.7	27.9	Chlordane, Total	ND	5	100	10.9	27.9
Chlorfenapyr	ND	5	100	12.2	27.9						

Mycotoxins by LC-QQQ

Batch: B5H2930
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 9/2/25 09:32

Ana. By: 1056
 Ana. On: 9/2/25 22:46

Initial (g): 1.0029
 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	9.97	9.97	Ochratoxin A	ND	10	20	2.51	9.97
Aflatoxin G2	ND	10	20	7.45	9.97	Aflatoxin G1	ND	10	20	3.23	9.97
Aflatoxin B2	ND	10	20	3.87	9.97	Aflatoxin B1	ND	10	20	2.93	9.97



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 Cultivar: 40 O.G.
 Product Name: FLOWER - FOURTY O.G.

Lab ID: JH29003-04
 Received: 08/29/25 14:56
 Completed: 09/03/25 13:49

Total Metals by ICP-MS

Batch: B5H2932
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 9/2/25 09:49

Ana. By: 1028
 Ana. On: 9/2/25 13:38

Initial (g): 0.2562
 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	21.8	109	Cadmium	ND	1	200	21.8	109
Lead	ND	1	500	54.6	273	Mercury	ND	1	200	21.8	54.6

Microbials by qPCR

Batch: B5H2915
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 8/30/25 11:49

Ana. By: 1053
 Ana. On: 8/31/25 14:10

Initial (g): 1.0018
 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: B5H2916
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 8/30/25 15:04

Ana. By: 1053
 Ana. On: 8/30/25 17:02

Initial (g): 1.0039
 Final (g): 19

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