



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 07/18/2025
Batch Size: 7084 g
Batch Unit Size: 3.5 g
Units Sampled: 11
Total Amt. Sampled: 38.5 g
Seed to Sale ID: 1614794460129821
QA Sample ID: 7762163798846566

1614794460129821



Laboratory ID: JG18008-02
Sample Matrix: Whole Flower
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Ethanol #33
Product Name: CANNABIS FLOWER
Description: 3.5G
Sample Date: 07/18/25
Received: 07/18/25 15:37
Completed: 07/22/25 17:33

POTENCY SUMMARY (As Received)

Total CBD
0.0935% (3.27 mg)

Total THC
30.3% (1,060 mg)

Total Cannabinoids
34.9% (1,220 mg)

Analyte	%	mg
THCa	33.8	1,180
delta 9-THC	0.661	23.1
CBGa	0.275	9.63
CBDa	0.102	3.57
CBG	0.0841	2.94
CBD	0.00368	0.129
CBC	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
THCV	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Total Terpenes
3.18%

Analyte	%
d-Limonene	1.07
beta-Caryophyllene	0.425
alpha-Pinene	0.247
Linalool	0.239
beta-Myrcene	0.215
beta-Pinene	0.164
alpha-Humulene	0.163
Ocimene, Total	0.142
Fenchyl Alcohol	0.131
alpha-Terpineol	0.100

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



CMTL-0005

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Richard Dillen
Laboratory Director



Accreditation #102020



1614794460129821

Sample Matrix: Whole Flower
 Cultivar: Ethanol #33
 Product Name: CANNABIS FLOWER

Lab ID: JG18008-02
 Received: 07/18/25 15:37
 Completed: 07/22/25 17:33

Potency by HPLC

Batch: B5G1816
 SOP: MCS-SOP-002

Prep By: 1044
 Prep On: 7/19/25 11:17

Ana. By: 1005
 Ana. On: 7/22/25 01:01

Initial (g): 0.2044
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	30.3	100	0.0313	0.459	Total CBD	0.0935	1	0.000479	0.00459
delta 8-THC	ND	1	0.000157	0.00245	delta 9-THC	0.661	100	0.0166	0.245
THCa	33.8	100	0.0166	0.245	THCV	ND	1	0.000352	0.00245
CBD	0.00368	1	0.000323	0.00245	CBDa	0.102	1	0.000196	0.00245
CBDV	ND	1	0.000215	0.00245	CBC	ND	1	0.000734	0.00245
CBG	0.0841	1	0.000157	0.00245	CBGa	0.275	1	0.000157	0.00245
CBN	ND	1	0.000186	0.00245					

Terpene Screen by GC/MS

Batch: B5G1819
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 7/21/25 09:52

Ana. By: 1005
 Ana. On: 7/22/25 13:06

Initial (g): 0.1041
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.247	1	0.00480	0.00961	Camphene	0.0307	1	0.00480	0.00961
beta-Pinene	0.164	1	0.00480	0.00961	3-Carene	ND	1	0.00480	0.00961
alpha-Terpinene	ND	1	0.00480	0.00961	Camphor	ND	1	0.00480	0.00961
d-Limonene	1.07	1	0.00480	0.00961	1,8-Cineole (Eucalyptol)	ND	1	0.00480	0.00961
gamma-Terpinene	ND	1	0.00480	0.00961	Terpinolene	0.0105	1	0.00480	0.00961
Isopulegol	ND	1	0.00480	0.00961	Linalool	0.239	1	0.00480	0.00961
Geraniol	ND	1	0.00480	0.00961	beta-Caryophyllene	0.425	1	0.00480	0.00961
alpha-Humulene	0.163	1	0.00480	0.00961	cis-Nerolidol	ND	1	0.00480	0.00961
Caryophyllene oxide	0.0202	1	0.00480	0.00961	(+/-)-Fenchone	0.00631	1	0.00480	0.00961
(+/-)-Borneol	0.0359	1	0.00480	0.00961	(+)-Pulegone	ND	1	0.00480	0.00961
Cedrol	ND	1	0.00480	0.00961	Geranyl Acetate	ND	1	0.00480	0.00961
alpha-Bisabolol	0.0594	1	0.00480	0.00961	alpha-Phellandrene	ND	1	0.00480	0.00961
alpha-Terpineol	0.100	1	0.00480	0.00961	Nerol	ND	1	0.00480	0.00961
Sabinene	0.0198	1	0.00480	0.00961	Valencene	ND	1	0.00480	0.00961
beta-Myrcene	0.215	1	0.00480	0.00961	Sabinene Hydrate	0.0142	1	0.00480	0.00961
alpha-Cedrene	ND	1	0.00480	0.00961	Fenchyl Alcohol	0.131	1	0.00480	0.00961
Guaiol	ND	1	0.00480	0.00961	trans-Nerolidol	0.0825	1	0.00480	0.00961
Isoborneol	ND	1	0.00480	0.00961	Ocimene, Total	0.142	1	0.00480	0.00961
gamma-Terpineol	ND	1	0.00480	0.00961	Menthol	ND	1	0.00480	0.00961

Moisture by Vacuum Desiccation

Batch: B5G1822
 SOP: MCS-SOP-G02

Prep By: 1048
 Prep On: 7/19/25 09:35

Ana. By: 1044
 Ana. On: 7/19/25 13:41

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

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	11.5	1	15

Water Activity by REH

Batch: B5G1821
 SOP: MCS-SOP-G03

Prep By: 1054
 Prep On: 7/21/25 10:59

Ana. By: 1048
 Ana. On: 7/21/25 11:46

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: B5G1815
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 7/18/25 17:05

Ana. By: 1048
 Ana. On: 7/18/25 17:15

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

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

1614794460129821

Sample Matrix: Whole Flower
 Cultivar: Ethanol #33
 Product Name: CANNABIS FLOWER

Lab ID: JG18008-02
 Received: 07/18/25 15:37
 Completed: 07/22/25 17:33

Pesticides by LC-QQQ

Batch: B5G1818
 SOP: MCS-SOP-001b

Prep By: 1054
 Prep On: 7/21/25 10:29

Ana. By: 1056
 Ana. On: 7/22/25 05:30

Initial (g): 1.0034
 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	10.1	56.3	Acephate	ND	10	100	6.98	28.1
Acequinocyl	ND	10	100	4.16	56.3	Acetamiprid	ND	10	100	3.60	28.1
Aldicarb	ND	10	100	10.6	28.1	Azoxystrobin	ND	10	100	5.18	14.1
Bifenazate	ND	10	100	5.29	28.1	Bifenthrin	ND	10	100	4.39	14.1
Boscalid	ND	10	100	16.4	56.3	Carbaryl	ND	10	500	8.78	28.1
Carbofuran	ND	10	100	4.16	14.1	Chlorantraniliprole	ND	10	1000	9.00	141
Chlormequat chloride	ND	10	1000	3.49	56.3	Chlorpyrifos	ND	10	100	4.73	28.1
Clofentezine	ND	10	200	5.52	28.1	Coumaphos	ND	10	100	7.65	28.1
Cyfluthrin	ND	10	500	43.2	141	Cypermethrin	ND	10	500	10.8	141
Daminozide	ND	10	100	8.78	56.3	Diazinon	ND	10	100	3.04	14.1
Dichlorvos	ND	10	100	11.3	56.3	Dimethoate	ND	10	100	1.24	14.1
Dimethomorph, Total	ND	10	200	3.49	56.3	Ethoprophos	ND	10	100	5.97	14.1
Etofenprox	ND	10	100	4.61	28.1	Etoazole	ND	10	100	4.16	28.1
Fenhexamid	ND	10	100	5.52	56.3	Fenoxycarb	ND	10	100	5.07	28.1
Fenpyroximate	ND	10	100	2.48	14.1	Fipronil	ND	10	100	13.4	56.3
Flonicamid	ND	10	100	4.73	28.1	Fludioxonil	ND	10	100	9.91	56.3
Hexythiazox	ND	10	100	3.49	14.1	Imazalil	ND	10	100	5.97	56.3
Imidacloprid	ND	10	400	5.07	28.1	Kresoxim-Methyl	ND	10	100	5.07	28.1
Malathion	ND	10	200	16.4	56.3	Metalaxyl	ND	10	100	5.63	14.1
Methiocarb	ND	10	100	10.2	28.1	Methomyl	ND	10	100	2.25	14.1
Mevinphos	ND	10	100	5.97	28.1	Myclobutanil	ND	10	100	7.99	28.1
Dibrom (Naled)	ND	10	250	10.8	56.3	Oxamyl	ND	10	250	2.36	14.1
Paclobutrazol	ND	10	100	8.33	28.1	Permethrin	ND	10	100	4.50	28.1
Phosmet	ND	10	100	5.07	28.1	Piperonyl butoxide	ND	10	3000	22.5	56.3
Prallethrin	ND	10	100	6.53	28.1	Propiconazole (Tilt)	16.1	10	100	5.07	56.3
Baygon (Propoxur)	ND	10	100	3.38	14.1	Pyrethrins, Total	ND	10	500	6.08	56.3
Pyridaben	ND	10	200	1.80	14.1	Spinetoram, Total	ND	10	200	3.71	56.3
Spiromesifen	ND	10	100	4.05	14.1	Spirotetramat	ND	10	100	4.95	28.1
Spiroxamine	ND	10	100	2.81	14.1	Tebuconazole	ND	10	100	4.39	28.1
Thiacloprid	ND	10	100	1.80	28.1	Thiamethoxam	ND	10	500	2.48	28.1
Trifloxystrobin	ND	10	100	4.61	14.1	Spinosad, Total	ND	10	100	4.95	40.8

Pesticides by GC-QQQ

Batch: B5G1818
 SOP: MCS-SOP-001a

Prep By: 1054
 Prep On: 7/21/25 10:29

Ana. By: 1039
 Ana. On: 7/21/25 17:19

Initial (g): 1.0034
 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	9.64	28.1	Methyl parathion	ND	5	100	4.81	28.1
Captan	ND	5	700	13.9	28.1	Chlordane, Total	ND	5	100	11.0	28.1
Chlorfenapyr	ND	5	100	12.3	28.1						

Mycotoxins by LC-QQQ

Batch: B5G1818
 SOP: MCS-SOP-001b

Prep By: 1054
 Prep On: 7/21/25 10:29

Ana. By: 1056
 Ana. On: 7/21/25 22:42

Initial (g): 1.0034
 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	7.44	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



CMTL-0005

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Accreditation #102020



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Sample Matrix: Whole Flower
 Cultivar: Ethanol #33
 Product Name: CANNABIS FLOWER

Lab ID: **JG18008-02**
 Received: 07/18/25 15:37
 Completed: 07/22/25 17:33

Total Metals by ICP-MS

Batch: B5G1820
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 7/21/25 14:20

Ana. By: 1005
 Ana. On: 7/21/25 16:48

Initial (g): 0.2506
 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	22.5	113	Cadmium	ND	1	200	22.5	113
Lead	ND	1	500	56.3	282	Mercury	ND	1	200	22.5	56.3

Microbials by qPCR

Batch: B5G1832
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 7/19/25 12:33

Ana. By: 1053
 Ana. On: 7/20/25 15:23

Initial (g): 1.004
 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: B5G1828
 SOP: MCS-SOP-M01

Prep By: 1005
 Prep On: 7/19/25 10:00

Ana. By: 1005
 Ana. On: 7/19/25 11:42

Initial (g): 1.0039
 Final (g): 20

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