



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 07/22/2025
Batch Size: 6815 g
Batch Unit Size: 3.5 g
Units Sampled: 11
Total Amt. Sampled: 38.5 g
Seed to Sale ID: 6943908794252594
QA Sample ID: 1797350488098875

6943908794252594



Laboratory ID: JG23017-04
Sample Matrix: Whole Flower
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: WT - Zoap
Product Name: FLOWER - WT JAR
Description: 3.5G
Sample Date: 07/23/25
Received: 07/23/25 15:07
Completed: 07/25/25 18:31

POTENCY SUMMARY (As Received)

Total CBD
0.0679% (2.38 mg)

Total THC
21.4% (749 mg)

Total Cannabinoids
24.9% (872 mg)

Analyte	%	mg
THCa	23.4	819
delta 9-THC	0.849	29.7
CBGa	0.463	16.2
CBG	0.119	4.17
CBDa	0.0775	2.71
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
2.56%

Analyte	%
d-Limonene	0.667
beta-Caryophyllene	0.651
Linalool	0.295
alpha-Humulene	0.176
alpha-Pinene	0.104
Ocimene, Total	0.0981
beta-Pinene	0.0844
alpha-Bisabolol	0.0819
Fenchyl Alcohol	0.0801
trans-Nerolidol	0.0791

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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Lakeland, FL 33813
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Richard Dillen
Laboratory Director



Accreditation #102020



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Sample Matrix: Whole Flower
 Cultivar: WT - Zoap
 Product Name: FLOWER - WT JAR

Lab ID: JG23017-04
 Received: 07/23/25 15:07
 Completed: 07/25/25 18:31

Potency by HPLC

Batch: B5G2326
 SOP: MCS-SOP-002

Prep By: 1005
 Prep On: 7/24/25 09:24

Ana. By: 1005
 Ana. On: 7/24/25 19:26

Initial (g): 0.2029
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	21.4	100	0.0315	0.462	Total CBD	0.0679	1	0.000483	0.00462
delta 8-THC	ND	1	0.000158	0.00246	delta 9-THC	0.849	100	0.0168	0.246
THCa	23.4	100	0.0168	0.246	THCV	ND	1	0.000355	0.00246
CBD	ND	1	0.000325	0.00246	CBDa	0.0775	1	0.000197	0.00246
CBDV	ND	1	0.000217	0.00246	CBC	ND	1	0.000739	0.00246
CBG	0.119	1	0.000158	0.00246	CBGa	0.463	1	0.000158	0.00246
CBN	ND	1	0.000187	0.00246					

Terpene Screen by GC/MS

Batch: B5G2339
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 7/24/25 10:16

Ana. By: 1005
 Ana. On: 7/24/25 18:34

Initial (g): 0.1043
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.104	1	0.00479	0.00959	Camphene	0.0180	1	0.00479	0.00959
beta-Pinene	0.0844	1	0.00479	0.00959	3-Carene	ND	1	0.00479	0.00959
alpha-Terpinene	ND	1	0.00479	0.00959	Camphor	ND	1	0.00479	0.00959
d-Limonene	0.667	1	0.00479	0.00959	1,8-Cineole (Eucalyptol)	ND	1	0.00479	0.00959
gamma-Terpinene	ND	1	0.00479	0.00959	Terpinolene	0.00849	1	0.00479	0.00959
Isopulegol	ND	1	0.00479	0.00959	Linalool	0.295	1	0.00479	0.00959
Geraniol	ND	1	0.00479	0.00959	beta-Caryophyllene	0.651	1	0.00479	0.00959
alpha-Humulene	0.176	1	0.00479	0.00959	cis-Nerolidol	ND	1	0.00479	0.00959
Caryophyllene oxide	0.0275	1	0.00479	0.00959	(+/-)-Fenchone	ND	1	0.00479	0.00959
(+/-)-Borneol	0.0284	1	0.00479	0.00959	(+)-Pulegone	ND	1	0.00479	0.00959
Cedrol	ND	1	0.00479	0.00959	Geranyl Acetate	ND	1	0.00479	0.00959
alpha-Bisabolol	0.0819	1	0.00479	0.00959	alpha-Phellandrene	ND	1	0.00479	0.00959
alpha-Terpineol	0.0725	1	0.00479	0.00959	Nerol	ND	1	0.00479	0.00959
Sabinene	ND	1	0.00479	0.00959	Valencene	ND	1	0.00479	0.00959
beta-Myrcene	0.0786	1	0.00479	0.00959	Sabinene Hydrate	0.0127	1	0.00479	0.00959
alpha-Cedrene	ND	1	0.00479	0.00959	Fenchyl Alcohol	0.0801	1	0.00479	0.00959
Guaiol	ND	1	0.00479	0.00959	trans-Nerolidol	0.0791	1	0.00479	0.00959
Isoborneol	ND	1	0.00479	0.00959	Ocimene, Total	0.0981	1	0.00479	0.00959
gamma-Terpineol	ND	1	0.00479	0.00959	Menthol	ND	1	0.00479	0.00959

Moisture by Vacuum Desiccation

Batch: B5G2333
 SOP: MCS-SOP-G02

Prep By: 1048
 Prep On: 7/24/25 10:24

Ana. By: 1055
 Ana. On: 7/24/25 14:24

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

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	10.5	1	15

Water Activity by REH

Batch: B5G2337
 SOP: MCS-SOP-G03

Prep By: 1054
 Prep On: 7/24/25 10:41

Ana. By: 1048
 Ana. On: 7/24/25 16:06

Initial (g): 0.1029
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.50	1	0.65	0.040	0.040

Foreign Matter

Batch: B5G2325
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 7/23/25 16:30

Ana. By: 1048
 Ana. On: 7/23/25 17:00

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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Richard Dillen
 Laboratory Director



Accreditation #102020



6943908794252594

Sample Matrix: Whole Flower
 Cultivar: WT - Zoap
 Product Name: FLOWER - WT JAR

Lab ID: JG23017-04
 Received: 07/23/25 15:07
 Completed: 07/25/25 18:31

Pesticides by LC-QQQ

Batch: B5G2327
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 7/24/25 10:00

Ana. By: 1056
 Ana. On: 7/25/25 00:52

Initial (g): 1.0013
 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	6.91	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	5.13	13.9
Bifenazate	ND	10	100	5.24	27.9	Bifenthrin	ND	10	100	4.35	13.9
Boscalid	ND	10	100	16.3	55.8	Carbaryl	ND	10	500	8.70	27.9
Carbofuran	ND	10	100	4.13	13.9	Chlorantraniliprole	ND	10	1000	8.92	139
Chlormequat chloride	ND	10	1000	3.46	55.8	Chlorpyrifos	ND	10	100	4.68	27.9
Clofentezine	ND	10	200	5.46	27.9	Coumaphos	ND	10	100	7.58	27.9
Cyfluthrin	ND	10	500	42.8	139	Cypermethrin	ND	10	500	10.7	139
Daminozide	ND	10	100	8.70	55.8	Diazinon	ND	10	100	3.01	13.9
Dichlorvos	ND	10	100	11.2	55.8	Dimethoate	ND	10	100	1.23	13.9
Dimethomorph, Total	ND	10	200	3.46	55.8	Ethoprophos	ND	10	100	5.91	13.9
Etofenprox	ND	10	100	4.57	27.9	Etoxazole	ND	10	100	4.13	27.9
Fenhexamid	ND	10	100	5.46	55.8	Fenoxycarb	ND	10	100	5.02	27.9
Fenpyroximate	ND	10	100	2.45	13.9	Fipronil	ND	10	100	13.3	55.8
Flonicamid	ND	10	100	4.68	27.9	Fludioxonil	ND	10	100	9.81	55.8
Hexythiazox	ND	10	100	3.46	13.9	Imazalil	ND	10	100	5.91	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	13.9
Methiocarb	ND	10	100	10.1	27.9	Methomyl	ND	10	100	2.23	13.9
Mevinphos	ND	10	100	5.91	27.9	Myclobutanil	ND	10	100	7.92	27.9
Dibrom (Naled)	ND	10	250	10.7	55.8	Oxamyl	ND	10	250	2.34	13.9
Paclobutrazol	ND	10	100	8.25	27.9	Permethrin	ND	10	100	4.46	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)	ND	10	100	5.02	55.8
Baygon (Propoxur)	ND	10	100	3.35	13.9	Pyrethrins, Total	ND	10	500	6.02	55.8
Pyridaben	ND	10	200	1.78	13.9	Spinetoram, Total	ND	10	200	3.68	55.8
Spiromesifen	ND	10	100	4.02	13.9	Spirotetramat	ND	10	100	4.91	27.9
Spiroxamine	ND	10	100	2.79	13.9	Tebuconazole	ND	10	100	4.35	27.9
Thiacloprid	ND	10	100	1.78	27.9	Thiamethoxam	ND	10	500	2.45	27.9
Trifloxystrobin	ND	10	100	4.57	13.9	Spinosad, Total	ND	10	100	4.91	40.4

Pesticides by GC-QQQ

Batch: B5G2327
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 7/24/25 10:00

Ana. By: 1039
 Ana. On: 7/24/25 18:15

Initial (g): 1.0013
 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	9.55	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: B5G2327
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 7/24/25 10:00

Ana. By: 1056
 Ana. On: 7/24/25 17:50

Initial (g): 1.0013
 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	9.99	9.99	Ochratoxin A	ND	10	20	2.52	9.99
Aflatoxin G2	ND	10	20	7.46	9.99	Aflatoxin G1	ND	10	20	3.24	9.99
Aflatoxin B2	ND	10	20	3.87	9.99	Aflatoxin B1	ND	10	20	2.94	9.99

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Sample Matrix: Whole Flower
 Cultivar: WT - Zoap
 Product Name: FLOWER - WT JAR

Lab ID: **JG23017-04**
 Received: 07/23/25 15:07
 Completed: 07/25/25 18:31

Total Metals by ICP-MS

Batch: B5G2331
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 7/24/25 09:57

Ana. By: 1005
 Ana. On: 7/24/25 14:22

Initial (g): 0.2529
 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	110	Cadmium	ND	1	200	22.1	110
Lead	86.4	1	500	55.2	276	Mercury	ND	1	200	22.1	55.2

Microbials by qPCR

Batch: B5G2306
 SOP: MCS-SOP-M01

Prep By: 1058
 Prep On: 7/23/25 16:39

Ana. By: 1058
 Ana. On: 7/24/25 18:03

Initial (g): 1.0036
 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: B5G2307
 SOP: MCS-SOP-M01

Prep By: 1005
 Prep On: 7/24/25 11:05

Ana. By: 1005
 Ana. On: 7/24/25 12:36

Initial (g): 1
 Final (g): 20

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