



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 09/17/2025
Batch Size: 14844 g
Batch Unit Size: 3.5 g
Units Sampled: 19
Total Amt. Sampled: 66.5 g
Seed to Sale ID: 7605386577413038
QA Sample ID: 1851393729132632

7605386577413038



Laboratory ID: JI17010-01
Sample Matrix: Whole Flower
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: OG Kush Story. Kali Sour Kush
Product Name: FLOWER - FLOWERY MYLAR BAG
Description: 3.5G
Sample Date: 09/17/25
Received: 09/17/25 15:27
Completed: 09/19/25 17:15

POTENCY SUMMARY (As Received)

Total CBD
0.0915% (3.20 mg)

Total THC
29.0% (1,020 mg)

Total Cannabinoids
34.7% (1,210 mg)

Analyte	%	mg
THCa	32.6	1,140
CBGa	1.35	47.3
delta 9-THC	0.422	14.8
CBG	0.189	6.62
CBDa	0.104	3.64
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
2.50%

Analyte	%
d-Limonene	0.640
beta-Caryophyllene	0.438
beta-Myrcene	0.374
Linalool	0.230
alpha-Humulene	0.143
beta-Pinene	0.0945
alpha-Bisabolol	0.0756
Fenchyl Alcohol	0.0675
alpha-Pinene	0.0650
alpha-Terpineol	0.0629

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: OG Kush Story. Kali Sour Kush
 Product Name: FLOWER - FLOWERY MYLAR BAG

Lab ID: J117010-01
 Received: 09/17/25 15:27
 Completed: 09/19/25 17:15

Potency by HPLC

Batch: B511732
 SOP: MCS-SOP-002

Prep By: 1051
 Prep On: 9/18/25 09:38

Ana. By: 1005
 Ana. On: 9/19/25 03:57

Initial (g): 0.2042
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	29.0	100	0.0313	0.459	Total CBD	0.0915	1	0.000480	0.00459
delta 8-THC	ND	1	0.000157	0.00245	delta 9-THC	0.422	1	0.000167	0.00245
THCa	32.6	100	0.0167	0.245	THCV	ND	1	0.000353	0.00245
CBD	ND	1	0.000323	0.00245	CBDa	0.104	1	0.000196	0.00245
CBDV	ND	1	0.000215	0.00245	CBC	ND	1	0.000735	0.00245
CBG	0.189	1	0.000157	0.00245	CBGa	1.35	100	0.0157	0.245
CBN	ND	1	0.000186	0.00245					

Terpene Screen by GC/MS

Batch: B511727
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 9/18/25 09:31

Ana. By: 1062
 Ana. On: 9/18/25 13:46

Initial (g): 0.1032
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0650	1	0.00484	0.00969	Camphene	0.0189	1	0.00484	0.00969
beta-Pinene	0.0945	1	0.00484	0.00969	3-Carene	ND	1	0.00484	0.00969
alpha-Terpinene	ND	1	0.00484	0.00969	Camphor	ND	1	0.00484	0.00969
d-Limonene	0.640	1	0.00484	0.00969	1,8-Cineole (Eucalyptol)	ND	1	0.00484	0.00969
gamma-Terpinene	ND	1	0.00484	0.00969	Terpinolene	0.0217	1	0.00484	0.00969
Isopulegol	0.0517	1	0.00484	0.00969	Linalool	0.230	1	0.00484	0.00969
Geraniol	0.0413	1	0.00484	0.00969	beta-Caryophyllene	0.438	1	0.00484	0.00969
alpha-Humulene	0.143	1	0.00484	0.00969	cis-Nerolidol	ND	1	0.00484	0.00969
Caryophyllene oxide	0.0398	1	0.00484	0.00969	(+/-)-Fenchone	0.0170	1	0.00484	0.00969
(+/-)-Borneol	0.0172	1	0.00484	0.00969	(+)-Pulegone	ND	1	0.00484	0.00969
Cedrol	ND	1	0.00484	0.00969	Geranyl Acetate	0.0400	1	0.00484	0.00969
alpha-Bisabolol	0.0756	1	0.00484	0.00969	alpha-Phellandrene	ND	1	0.00484	0.00969
alpha-Terpineol	0.0629	1	0.00484	0.00969	Nerol	ND	1	0.00484	0.00969
Sabinene	ND	1	0.00484	0.00969	Valencene	ND	1	0.00484	0.00969
beta-Myrcene	0.374	1	0.00484	0.00969	Sabinene Hydrate	0.00497	1	0.00484	0.00969
alpha-Cedrene	ND	1	0.00484	0.00969	Fenchyl Alcohol	0.0675	1	0.00484	0.00969
Guaiol	ND	1	0.00484	0.00969	trans-Nerolidol	0.0578	1	0.00484	0.00969
Isoborneol	ND	1	0.00484	0.00969	Ocimene, Total	ND	1	0.00484	0.00969
gamma-Terpineol	ND	1	0.00484	0.00969	Menthol	ND	1	0.00484	0.00969

Moisture by Moisture Balance

Batch: B511731
 SOP: MCS-SOP-G02

Prep By: 1054
 Prep On: 9/18/25 09:50

Ana. By: 1054
 Ana. On: 9/18/25 10:06

Initial (g): 0.498
 Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	12.3	1	15

Water Activity by REH

Batch: B511729
 SOP: MCS-SOP-G03

Prep By: 1054
 Prep On: 9/18/25 10:09

Ana. By: 1054
 Ana. On: 9/18/25 15:19

Initial (g): 0.1025
 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: B511722
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 9/17/25 16:45

Ana. By: 1048
 Ana. On: 9/17/25 16:50

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
 Laboratory Director



Accreditation #102020



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Sample Matrix: Whole Flower
 Cultivar: OG Kush Story. Kali Sour Kush
 Product Name: FLOWER - FLOWERY MYLAR BAG

Lab ID: J117010-01
 Received: 09/17/25 15:27
 Completed: 09/19/25 17:15

Pesticides by LC-QQQ

Batch: B511726
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 9/18/25 10:49

Ana. By: 1056
 Ana. On: 9/18/25 19:31

Initial (g): 1.0038
 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	10.2	56.8	Acephate	ND	10	100	7.04	28.4
Acequinocyl	ND	10	100	4.20	56.8	Acetamiprid	ND	10	100	3.63	28.4
Aldicarb	ND	10	100	10.7	28.4	Azoxystrobin	ND	10	100	5.22	14.2
Bifenazate	ND	10	100	5.34	28.4	Bifenthrin	ND	10	100	4.43	14.2
Boscalid	ND	10	100	16.6	56.8	Carbaryl	ND	10	500	8.86	28.4
Carbofuran	ND	10	100	4.20	14.2	Chlorantraniliprole	ND	10	1000	9.08	142
Chlormequat chloride	ND	10	1000	3.52	56.8	Chlorpyrifos	ND	10	100	4.77	28.4
Clofentezine	ND	10	200	5.56	28.4	Coumaphos	ND	10	100	7.72	28.4
Cyfluthrin	ND	10	500	43.6	142	Cypermethrin	ND	10	500	10.9	142
Daminozide	ND	10	100	8.86	56.8	Diazinon	ND	10	100	3.07	14.2
Dichlorvos	ND	10	100	11.4	56.8	Dimethoate	ND	10	100	1.25	14.2
Dimethomorph, Total	ND	10	200	3.52	56.8	Ethoprophos	ND	10	100	6.02	14.2
Etofenprox	ND	10	100	4.65	28.4	Etoazole	ND	10	100	4.20	28.4
Fenhexamid	ND	10	100	5.56	56.8	Fenoxycarb	ND	10	100	5.11	28.4
Fenpyroximate	ND	10	100	2.50	14.2	Fipronil	ND	10	100	13.5	56.8
Flonicamid	ND	10	100	4.77	28.4	Fludioxonil	ND	10	100	9.99	56.8
Hexythiazox	ND	10	100	3.52	14.2	Imazalil	ND	10	100	6.02	56.8
Imidacloprid	ND	10	400	5.11	28.4	Kresoxim-Methyl	ND	10	100	5.11	28.4
Malathion	ND	10	200	16.6	56.8	Metalaxyl	ND	10	100	5.68	14.2
Methiocarb	ND	10	100	10.3	28.4	Methomyl	ND	10	100	2.27	14.2
Mevinphos	ND	10	100	6.02	28.4	Myclobutanil	ND	10	100	8.06	28.4
Dibrom (Naled)	ND	10	250	10.9	56.8	Oxamyl	ND	10	250	2.38	14.2
Paclobutrazol	ND	10	100	8.40	28.4	Permethrin	ND	10	100	4.54	28.4
Phosmet	ND	10	100	5.11	28.4	Piperonyl butoxide	ND	10	3000	22.7	56.8
Prallethrin	ND	10	100	6.58	28.4	Propiconazole (Tilt)	ND	10	100	5.11	56.8
Baygon (Propoxur)	ND	10	100	3.41	14.2	Pyrethrins, Total	ND	10	500	6.13	56.8
Pyridaben	ND	10	200	1.82	14.2	Spinetoram, Total	ND	10	200	3.75	56.8
Spiromesifen	ND	10	100	4.09	14.2	Spirotetramat	ND	10	100	5.00	28.4
Spiroxamine	ND	10	100	2.84	14.2	Tebuconazole	ND	10	100	4.43	28.4
Thiacloprid	ND	10	100	1.82	28.4	Thiamethoxam	ND	10	500	2.50	28.4
Trifloxystrobin	ND	10	100	4.65	14.2	Spinosad, Total	ND	10	100	5.00	41.2

Pesticides by GC-QQQ

Batch: B511726
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 9/18/25 10:49

Ana. By: 1056
 Ana. On: 9/18/25 19:10

Initial (g): 1.0038
 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	9.72	28.4	Methyl parathion	ND	5	100	4.85	28.4
Captan	ND	5	700	14.0	28.4	Chlordane, Total	ND	5	100	11.1	28.4
Chlorfenapyr	ND	5	100	12.4	28.4						

Mycotoxins by LC-QQQ

Batch: B511726
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 9/18/25 10:49

Ana. By: 1056
 Ana. On: 9/19/25 02:47

Initial (g): 1.0038
 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	3.87	9.96	Aflatoxin B1	ND	10	20	2.93	9.96

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Sample Matrix: Whole Flower
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Lab ID: **JI17010-01**
 Received: 09/17/25 15:27
 Completed: 09/19/25 17:15

Total Metals by ICP-MS

Batch: B511728
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 9/18/25 09:28

Ana. By: 1005
 Ana. On: 9/18/25 12:51

Initial (g): 0.2554
 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	22.3	112	Cadmium	ND	1	200	22.3	112
Lead	ND	1	500	55.8	279	Mercury	ND	1	200	22.3	55.8

Microbials by qPCR

Batch: B511746
 SOP: MCS-SOP-M01

Prep By: 1058
 Prep On: 9/18/25 09:55

Ana. By: 1058
 Ana. On: 9/19/25 12:50

Initial (g): 1.0028
 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: B511747
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 9/18/25 11:03

Ana. By: 1053
 Ana. On: 9/18/25 12:37

Initial (g): 1.0048
 Final (g): 19

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