



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 09/10/2025
Batch Size: 7196 g
Batch Unit Size: 14 g
Units Sampled: 4
Total Amt. Sampled: 56 g
Seed to Sale ID: 8547054718304587
QA Sample ID: 2930274563574807

8547054718304587



Laboratory ID: JI10007-04
Sample Matrix: Whole Flower
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: OG Kush Story. Josh D OG
Product Name: FLOWER - JAR
Description: 14G
Sample Date: 09/10/25
Received: 09/10/25 15:32
Completed: 09/12/25 16:11

POTENCY SUMMARY (As Received)

Total CBD
0.0643% (9.00 mg)

Total THC
25.6% (3,580 mg)

Total Cannabinoids
30.1% (4,210 mg)

Analyte	%	mg
THCa	28.6	4,000
CBGa	0.805	113
delta 9-THC	0.475	66.5
CBG	0.149	20.9
CBDa	0.0733	10.3
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
2.82%

Analyte	%
d-Limonene	0.785
beta-Myrcene	0.746
beta-Caryophyllene	0.412
Linalool	0.204
alpha-Humulene	0.141
beta-Pinene	0.0834
trans-Nerolidol	0.0669
Fenchyl Alcohol	0.0629
alpha-Bisabolol	0.0621
alpha-Terpineol	0.0603

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

Copyright © 2025 Modern Canna, LLC. All rights reserved.

This report shall not be reproduced, distributed, or transmitted in any form or by any means, without written consent from Modern Canna, LLC. The results in this report relate only to the products analyzed. The results in this report are confidential. For more information regarding our reporting limits, please visit: www.moderncanna.com/modern-canna-reporting-limits/

LOQ = Limit of Quantification

ND = Non-Detect

RPD = Relative Percent Difference

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

8547054718304587

Sample Matrix: Whole Flower
 Cultivar: OG Kush Story. Josh D OG
 Product Name: FLOWER - JAR

Lab ID: J110007-04
 Received: 09/10/25 15:32
 Completed: 09/12/25 16:11

Potency by HPLC

Batch: B511021
 SOP: MCS-SOP-002

Prep By: 1005
 Prep On: 9/10/25 17:08

Ana. By: 1005
 Ana. On: 9/11/25 13:08

Initial (g): 0.2034
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	25.6	100	0.0315	0.461	Total CBD	0.0643	1	0.000482	0.00461
delta 8-THC	ND	1	0.000157	0.00246	delta 9-THC	0.475	1	0.000167	0.00246
THCa	28.6	100	0.0167	0.246	THCV	ND	1	0.000354	0.00246
CBD	ND	1	0.000324	0.00246	CBDa	0.0733	1	0.000197	0.00246
CBDV	ND	1	0.000216	0.00246	CBC	ND	1	0.000737	0.00246
CBG	0.149	1	0.000157	0.00246	CBGa	0.805	100	0.0157	0.246
CBN	ND	1	0.000187	0.00246					

Terpene Screen by GC/MS

Batch: B511024
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 9/11/25 09:36

Ana. By: 1005
 Ana. On: 9/11/25 17:02

Initial (g): 0.1039
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0562	1	0.00481	0.00962	Camphene	0.0184	1	0.00481	0.00962
beta-Pinene	0.0834	1	0.00481	0.00962	3-Carene	ND	1	0.00481	0.00962
alpha-Terpinene	ND	1	0.00481	0.00962	Camphor	ND	1	0.00481	0.00962
d-Limonene	0.785	1	0.00481	0.00962	1,8-Cineole (Eucalyptol)	ND	1	0.00481	0.00962
gamma-Terpinene	ND	1	0.00481	0.00962	Terpinolene	0.0102	1	0.00481	0.00962
Isopulegol	ND	1	0.00481	0.00962	Linalool	0.204	1	0.00481	0.00962
Geraniol	ND	1	0.00481	0.00962	beta-Caryophyllene	0.412	1	0.00481	0.00962
alpha-Humulene	0.141	1	0.00481	0.00962	cis-Nerolidol	ND	1	0.00481	0.00962
Caryophyllene oxide	ND	1	0.00481	0.00962	(+/-)-Fenchone	0.0160	1	0.00481	0.00962
(+/-)-Borneol	0.0513	1	0.00481	0.00962	(+)-Pulegone	ND	1	0.00481	0.00962
Cedrol	ND	1	0.00481	0.00962	Geranyl Acetate	ND	1	0.00481	0.00962
alpha-Bisabolol	0.0621	1	0.00481	0.00962	alpha-Phellandrene	ND	1	0.00481	0.00962
alpha-Terpineol	0.0603	1	0.00481	0.00962	Nerol	ND	1	0.00481	0.00962
Sabinene	ND	1	0.00481	0.00962	Valencene	0.0398	1	0.00481	0.00962
beta-Myrcene	0.746	1	0.00481	0.00962	Sabinene Hydrate	ND	1	0.00481	0.00962
alpha-Cedrene	ND	1	0.00481	0.00962	Fenchyl Alcohol	0.0629	1	0.00481	0.00962
Guaiol	ND	1	0.00481	0.00962	trans-Nerolidol	0.0669	1	0.00481	0.00962
Isoborneol	ND	1	0.00481	0.00962	Ocimene, Total	ND	1	0.00481	0.00962
gamma-Terpineol	ND	1	0.00481	0.00962	Menthol	ND	1	0.00481	0.00962

Moisture by Vacuum Desiccation

Batch: B511027
 SOP: MCS-SOP-G02

Prep By: 1054
 Prep On: 9/11/25 09:30

Ana. By: 1054
 Ana. On: 9/11/25 10:59

Initial (g): 0.516
 Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	13.2	1	15

Water Activity by REH

Batch: B511026
 SOP: MCS-SOP-G03

Prep By: 1054
 Prep On: 9/11/25 10:42

Ana. By: 1054
 Ana. On: 9/11/25 13:36

Initial (g): 0.1017
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.53	1	0.65	0.040	0.040

Foreign Matter

Batch: B511018
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 9/10/25 16:25

Ana. By: 1048
 Ana. On: 9/10/25 16:30

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

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

8547054718304587

Sample Matrix: Whole Flower
 Cultivar: OG Kush Story. Josh D OG
 Product Name: FLOWER - JAR

Lab ID: J110007-04
 Received: 09/10/25 15:32
 Completed: 09/12/25 16:11

Pesticides by LC-QQQ

Batch: B511023
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 9/11/25 09:59

Ana. By: 1056
 Ana. On: 9/11/25 17:55

Initial (g): 1
 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	10.4	57.6	Acephate	ND	10	100	7.14	28.8
Acequinocyl	ND	10	100	4.26	57.6	Acetamiprid	ND	10	100	3.69	28.8
Aldicarb	ND	10	100	10.8	28.8	Azoxystrobin	ND	10	100	5.30	14.4
Bifenazate	ND	10	100	5.41	28.8	Bifenthrin	ND	10	100	4.49	14.4
Boscalid	ND	10	100	16.8	57.6	Carbaryl	ND	10	500	8.98	28.8
Carbofuran	ND	10	100	4.26	14.4	Chlorantraniliprole	ND	10	1000	9.21	144
Chlormequat chloride	ND	10	1000	3.57	57.6	Chlorpyrifos	ND	10	100	4.84	28.8
Clofentezine	ND	10	200	5.64	28.8	Coumaphos	ND	10	100	7.83	28.8
Cyfluthrin	ND	10	500	44.2	144	Cypermethrin	ND	10	500	11.1	144
Daminozide	ND	10	100	8.98	57.6	Diazinon	ND	10	100	3.11	14.4
Dichlorvos	ND	10	100	11.5	57.6	Dimethoate	ND	10	100	1.27	14.4
Dimethomorph, Total	ND	10	200	3.57	57.6	Ethoprophos	ND	10	100	6.10	14.4
Etofenprox	ND	10	100	4.72	28.8	Etoxazole	ND	10	100	4.26	28.8
Fenhexamid	ND	10	100	5.64	57.6	Fenoxycarb	ND	10	100	5.18	28.8
Fenpyroximate	ND	10	100	2.53	14.4	Fipronil	ND	10	100	13.7	57.6
Flonicamid	ND	10	100	4.84	28.8	Fludioxonil	ND	10	100	10.1	57.6
Hexythiazox	ND	10	100	3.57	14.4	Imazalil	ND	10	100	6.10	57.6
Imidacloprid	ND	10	400	5.18	28.8	Kresoxim-Methyl	ND	10	100	5.18	28.8
Malathion	ND	10	200	16.8	57.6	Metalaxyl	ND	10	100	5.76	14.4
Methiocarb	ND	10	100	10.5	28.8	Methomyl	ND	10	100	2.30	14.4
Mevinphos	ND	10	100	6.10	28.8	Myclobutanil	ND	10	100	8.18	28.8
Dibrom (Naled)	ND	10	250	11.1	57.6	Oxamyl	ND	10	250	2.42	14.4
Paclobutrazol	ND	10	100	8.52	28.8	Permethrin	ND	10	100	4.61	28.8
Phosmet	ND	10	100	5.18	28.8	Piperonyl butoxide	ND	10	3000	23.0	57.6
Prallethrin	ND	10	100	6.68	28.8	Propiconazole (Tilt)	ND	10	100	5.18	57.6
Baygon (Propoxur)	ND	10	100	3.46	14.4	Pyrethrins, Total	ND	10	500	6.22	57.6
Pyridaben	ND	10	200	1.84	14.4	Spinetoram, Total	ND	10	200	3.80	57.6
Spiromesifen	ND	10	100	4.15	14.4	Spirotetramat	ND	10	100	5.07	28.8
Spiroxamine	ND	10	100	2.88	14.4	Tebuconazole	ND	10	100	4.49	28.8
Thiacloprid	ND	10	100	1.84	28.8	Thiamethoxam	ND	10	500	2.53	28.8
Trifloxystrobin	ND	10	100	4.72	14.4	Spinosad, Total	ND	10	100	5.07	41.8

Pesticides by GC-QQQ

Batch: B511023
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 9/11/25 09:59

Ana. By: 1056
 Ana. On: 9/12/25 00:30

Initial (g): 1
 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	9.86	28.8	Methyl parathion	ND	5	100	4.92	28.8
Captan	ND	5	700	14.2	28.8	Chlordane, Total	ND	5	100	11.2	28.8
Chlorfenapyr	ND	5	100	12.6	28.8						

Mycotoxins by LC-QQQ

Batch: B511023
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 9/11/25 09:59

Ana. By: 1056
 Ana. On: 9/12/25 00:59

Initial (g): 1
 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	10.0	10.0	Ochratoxin A	ND	10	20	2.52	10.0
Aflatoxin G2	ND	10	20	7.47	10.0	Aflatoxin G1	ND	10	20	3.24	10.0
Aflatoxin B2	ND	10	20	3.88	10.0	Aflatoxin B1	ND	10	20	2.94	10.0



CMTL-0005

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

Richard Dillen
 Laboratory Director



Accreditation #102020



8547054718304587

Sample Matrix: Whole Flower
 Cultivar: OG Kush Story. Josh D OG
 Product Name: FLOWER - JAR

Lab ID: **JI10007-04**
 Received: 09/10/25 15:32
 Completed: 09/12/25 16:11

Total Metals by ICP-MS

Batch: B511025
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 9/11/25 09:17

Ana. By: 1028
 Ana. On: 9/11/25 14:05

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	22.8	114	Cadmium	ND	1	200	22.8	114
Lead	ND	1	500	56.9	285	Mercury	ND	1	200	22.8	56.9

Microbials by qPCR

Batch: B511030
 SOP: MCS-SOP-M01

Prep By: 1058
 Prep On: 9/11/25 09:45

Ana. By: 1058
 Ana. On: 9/12/25 11:36

Initial (g): 1.0043
 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: B511031
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 9/11/25 11:30

Ana. By: 1058
 Ana. On: 9/11/25 13:26

Initial (g): 1.0092
 Final (g): 19

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