THE FLOWERY

Certificate of Analysis

The Flowery
M00020CULPROHomestead002

Cultivation Facility:	Homestead
Processing Facility:	Homestead
Batch Date:	07/27/2026
Batch Size:	4578 g
Batch Units:	654
Units Sampled:	4
Total Amt. Sampled:	28 g
Seed to Sale ID:	3190927166548384
QA Sample ID:	7591221233496179

3190927166548384

PASSED

Laboratory ID:	KJ27003-01
Testing Matrix:	Usable Whole Flower Marijuana
Sample Matrix:	FLOWER JUNIORS 7G
Label Claim:	THC: -- mg | CBD: -- mg
Cultivar:	DOJA: Chem D x Sour Diesel Bx1 #24
Description:	FLOWER JUNIORS 7G_DOJA: Chem D x Sour Diesel Bx1 #24

Sample Date:	10/27/26	**Received:**	10/27/26 16:57
Exp. Date:	10/27/27	**Completed:**	10/29/26 19:38

POTENCY SUMMARY (As Received)

Total CBD	Total THC	Total Cannabinoids
0.0746% (5.22 mg)	**28.4% (1,990 mg)**	**33.0% (2,310 mg)**

Analyte	%	mg
THCa	31.5	2,210
delta 9-THC	0.733	51.3
CBGa	0.574	40.2
CBG	0.157	11.0
CBDa	0.0850	5.95
CBC	≤ 0.000743	≤ 0.052
CBD	≤ 0.000327	≤ 0.023
CBDV	≤ 0.000218	≤ 0.015
CBN	≤ 0.000188	≤ 0.013
delta 8-THC	≤ 0.000158	≤ 0.011
THCV	≤ 0.000356	≤ 0.025

TERPENES SUMMARY (Top Ten)

Total Terpenes: **2.62%**

Analyte	%
beta-Caryophyllene	0.681
d-Limonene	0.637
beta-Myrcene	0.260
Linalool	0.194
alpha-Humulene	0.187
trans-Nerolidol	0.128
alpha-Bisabolol	0.106
Fenchyl Alcohol	0.0990
beta-Pinene	0.0866
alpha-Terpineol	0.0786

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*

MODERN CANNA LABS
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Richard Dillen
Laboratory Director

PJLA Testing
Accreditation #102020

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Potency by HPLC

Batch: B6J2735 **SOP:** MCS-SOP-O02 **Prep By:** 1005 **Prep On:** 10/28/26 10:08 **Ana. By:** 1005 **Ana. On:** 10/28/26 23:30 **Initial (g):** 0.202 **Final (g):** 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	28.4	100	0.0317	0.464	Total CBD	0.0746	1	0.000485	0.00464
delta 8-THC	≤0.000158	1	0.000158	0.00248	delta 9-THC	0.733	100	0.0168	0.248
THCa	31.5	100	0.0168	0.248	THCV	≤0.000356	1	0.000356	0.00248
CBD	≤0.000327	1	0.000327	0.00248	CBDa	0.0850	1	0.000198	0.00248
CBDV	≤0.000218	1	0.000218	0.00248	CBC	≤0.000743	1	0.000743	0.00248
CBG	0.157	1	0.000158	0.00248	CBGa	0.574	100	0.0158	0.248
CBN	≤0.000188	1	0.000188	0.00248					

Terpene Screen by GC/MS

Batch: B6J2337 **SOP:** MCS-SOP-O04 **Prep By:** 1005 **Prep On:** 10/27/26 17:28 **Ana. By:** 1005 **Ana. On:** 10/28/26 15:25 **Initial (g):** 0.1044 **Final (g):** 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0556	1	0.00479	0.00958	Camphene	0.0176	1	0.00479	0.00958
beta-Pinene	0.0866	1	0.00479	0.00958	3-Carene	≤0.00479	1	0.00479	0.00958
alpha-Terpinene	≤0.00479	1	0.00479	0.00958	Camphor	≤0.00479	1	0.00479	0.00958
d-Limonene	0.637	1	0.00479	0.00958	1,8-Cineole (Eucalyptol)	≤0.00479	1	0.00479	0.00958
gamma-Terpinene	≤0.00479	1	0.00479	0.00958	Terpinolene	0.0104	1	0.00479	0.00958
Isopulegol	≤0.00479	1	0.00479	0.00958	Linalool	0.194	1	0.00479	0.00958
Geraniol	≤0.00479	1	0.00479	0.00958	beta-Caryophyllene	0.681	1	0.00479	0.00958
alpha-Humulene	0.187	1	0.00479	0.00958	cis-Nerolidol	≤0.00479	1	0.00479	0.00958
Caryophyllene oxide	0.0405	1	0.00479	0.00958	(+/-)-Fenchone	≤0.00479	1	0.00479	0.00958
(+/-)-Borneol	0.0408	1	0.00479	0.00958	(+)-Pulegone	≤0.00479	1	0.00479	0.00958
Cedrol	≤0.00479	1	0.00479	0.00958	Geranyl Acetate	≤0.00479	1	0.00479	0.00958
alpha-Bisabolol	0.106	1	0.00479	0.00958	alpha-Phellandrene	≤0.00479	1	0.00479	0.00958
alpha-Terpineol	0.0786	1	0.00479	0.00958	Nerol	≤0.00479	1	0.00479	0.00958
Sabinene	≤0.00479	1	0.00479	0.00958	Valencene	≤0.00479	1	0.00479	0.00958
beta-Myrcene	0.260	1	0.00479	0.00958	Sabinene Hydrate	≤0.00479	1	0.00479	0.00958
alpha-Cedrene	≤0.00479	1	0.00479	0.00958	Fenchyl Alcohol	0.0990	1	0.00479	0.00958
Guaiol	≤0.00479	1	0.00479	0.00958	trans-Nerolidol	0.128	1	0.00479	0.00958
Isoborneol	≤0.00479	1	0.00479	0.00958	Ocimene, Total	≤0.00479	1	0.00479	0.00958
gamma-Terpineol	≤0.00479	1	0.00479	0.00958	Menthol	≤0.00479	1	0.00479	0.00958

Moisture by Moisture Balance

Batch: B6J2760 **SOP:** MCS-SOP-G02 **Prep By:** 1048 **Prep On:** 10/28/26 10:13 **Ana. By:** 1044 **Ana. On:** 10/28/26 10:33 **Initial (g):** 0.542 **Final (g):** 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	12.9	1	15

Water Activity by REH

Batch: B6J2757 **SOP:** MCS-SOP-G03 **Prep By:** 1005 **Prep On:** 10/28/26 13:10 **Ana. By:** 1048 **Ana. On:** 10/28/26 15:59 **Initial (g):** 0.1021 **Final (g):** 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: B6J2759 **SOP:** MCS-SOP-G01 **Prep By:** 1048 **Prep On:** 10/27/26 18:00 **Ana. By:** 1048 **Ana. On:** 10/27/26 18:10 **Initial (g):** 1 **Final (g):** 1

Analyte (P/A)	Result	Diln	Reg. Limit	Analyte (P/A)	Result	Diln	Reg. Limit
Foreign Matter	Absent	1	1% wgt or 10% area	Visible Fungi	Absent	1	1
Visible Feces	Absent	1	1				

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Description:	FLOWER JUNIORS 7G_DOJA: Chem D x Sour Diesel Bx1 #24	Completed:	10/29/26 19:38

Pesticides by LC-QQQ

Batch: B6J2750 **SOP:** MCS-SOP-O01b **Prep By:** 1005 **Prep On:** 10/27/26 19:15 **Ana. By:** 1067 **Ana. On:** 10/28/26 20:11 **Initial (g):** 1.0031 **Final (g):** 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	<10.3	10	100	10.3	57.2	Acephate	<7.10	10	100	7.10	57.2
Acequinocyl	<4.24	10	100	4.24	57.2	Acetamiprid	<17.2	10	100	17.2	57.2
Aldicarb	<10.8	10	100	10.8	57.2	Azoxystrobin	<5.27	10	100	5.27	28.6
Bifenazate	<5.38	10	100	5.38	57.2	Bifenthrin	<17.2	10	100	17.2	57.2
Boscalid	<16.7	10	100	16.7	57.2	Carbaryl	<8.93	10	500	8.93	57.2
Carbofuran	<17.2	10	100	17.2	45.8	Chlorantraniliprole	<9.16	10	1000	9.16	143
Chlormequat chloride	<22.9	10	1000	22.9	57.2	Chlorpyrifos	<4.81	10	100	4.81	28.6
Clofentezine	<5.61	10	200	5.61	57.2	Coumaphos	<7.78	10	100	7.78	28.6
Cyfluthrin	<44.0	10	500	44.0	229	Cypermethrin	<11.0	10	500	11.0	143
Daminozide	<17.2	10	100	17.2	57.2	Diazinon	<3.09	10	100	3.09	28.6
Dichlorvos	<11.4	10	100	11.4	57.2	Dimethoate	<17.2	10	100	17.2	45.8
Dimethomorph, Total	<3.55	10	200	3.55	57.2	Ethoprophos	<6.07	10	100	6.07	57.2
Etofenprox	<4.69	10	100	4.69	57.2	Etoxazole	<4.24	10	100	4.24	57.2
Fenhexamid	<5.61	10	100	5.61	57.2	Fenoxycarb	<5.15	10	100	5.15	28.6
Fenpyroximate	<2.52	10	100	2.52	57.2	Fipronil	<13.6	10	100	13.6	57.2
Flonicamid	<17.2	10	100	17.2	57.2	Fludioxonil	<10.1	10	100	10.1	57.2
Hexythiazox	<3.55	10	100	3.55	57.2	Imazalil	<6.07	10	100	6.07	57.2
Imidacloprid	<17.2	10	400	17.2	114	Kresoxim-Methyl	<5.15	10	100	5.15	57.2
Malathion	<16.7	10	200	16.7	57.2	Metalaxyl	<17.2	10	100	17.2	57.2
Methiocarb	<10.4	10	100	10.4	57.2	Methomyl	<17.2	10	100	17.2	28.6
Mevinphos	<6.07	10	100	6.07	57.2	Myclobutanil	<8.13	10	100	8.13	57.2
Dibrom (Naled)	<11.0	10	250	11.0	57.2	Oxamyl	<11.4	10	250	11.4	14.3
Paclobutrazol	<8.47	10	100	8.47	57.2	Permethrin	<4.58	10	100	4.58	57.2
Phosmet	<5.15	10	100	5.15	57.2	Piperonyl butoxide	<22.9	10	3000	22.9	572
Prallethrin	<6.64	10	100	6.64	57.2	Propiconazole (Tilt)	<17.2	10	100	17.2	57.2
Baygon (Propoxur)	<17.2	10	100	17.2	57.2	Pyrethrins, Total	<6.18	10	500	6.18	57.2
Pyridaben	<1.83	10	200	1.83	57.2	Spinetoram, Total	<3.78	10	200	3.78	57.2
Spiromesifen	<4.12	10	100	4.12	14.3	Spirotetramat	<5.04	10	100	5.04	57.2
Spiroxamine	<2.86	10	100	2.86	57.2	Tebuconazole	<4.46	10	100	4.46	57.2
Thiacloprid	<11.4	10	100	11.4	57.2	Thiamethoxam	<22.9	10	500	22.9	114
Trifloxystrobin	<4.69	10	100	4.69	57.2	Spinosad, Total	<5.04	10	100	5.04	41.5

Pesticides by GC-QQQ

Batch: B6J2750 **SOP:** MCS-SOP-O01a **Prep By:** 1005 **Prep On:** 10/27/26 19:15 **Ana. By:** 1005 **Ana. On:** 10/29/26 12:28 **Initial (g):** 1.0031 **Final (g):** 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	<34.3	5	150	34.3	85.9	Methyl parathion	<22.9	5	100	22.9	57.2
Chlordane, Total	<22.9	5	100	22.9	57.2	Chlorfenapyr	<22.9	5	100	22.9	57.2

Mycotoxins by LC-QQQ

Batch: B6J2750 **SOP:** MCS-SOP-O01b **Prep By:** 1005 **Prep On:** 10/27/26 19:15 **Ana. By:** 1067 **Ana. On:** 10/29/26 04:21 **Initial (g):** 1.0031 **Final (g):** 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	<9.97	10	20	9.97	9.97	Ochratoxin A	<2.51	10	20	2.51	9.97
Aflatoxin G2	<7.45	10	20	7.45	9.97	Aflatoxin G1	<3.23	10	20	3.23	9.97
Aflatoxin B2	<3.87	10	20	3.87	9.97	Aflatoxin B1	<2.93	10	20	2.93	9.97

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Total Metals by ICP-MS

Batch: B6J2753 **SOP:** MCS-SOP-I01 **Prep By:** 1005 **Prep On:** 10/28/26 17:45 **Ana. By:** 1005 **Ana. On:** 10/29/26 15:49 **Initial (g):** 0.2521 **Final (g):** 25

Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ppb dry)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	<22.8	1	200	22.8	114	Cadmium	<22.8	1	200	22.8	114
Lead	<56.9	1	500	56.9	285	Mercury	<22.8	1	200	22.8	56.9
Nickel	<114	1	500	114	285	Tin	<456	1	4000	456	2280

Microbials by qPCR

Batch: B6J2727 **SOP:** MCS-SOP-M01 **Prep By:** 1058 **Prep On:** 10/28/26 10:35 **Ana. By:** 1053 **Ana. On:** 10/29/26 14:29 **Initial (g):** 1.003 **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	Listeria	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: B6J2743 **SOP:** MCS-SOP-M01 **Prep By:** 1005 **Prep On:** 10/28/26 11:47 **Ana. By:** 1005 **Ana. On:** 10/28/26 15:09 **Initial (g):** 1.003 **Final (g):** 19

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

Total Contaminant Load by Calculation

Analyte (ppm)	Result	Reg. Limit
Total Contaminant Load	0.00	5