



### The Flowery

**Cultivation Facility:** Homestead  
**Processing Facility:** Homestead  
**Batch Date:** 04/13/2026  
**Batch Size:** 1288 g  
**Batch Unit Size:** 3.5 g  
**Units Sampled:** 9  
**Total Amt. Sampled:** 31.5 g  
**Seed to Sale ID:** 4015007242543577  
**QA Sample ID:** 0463581657974764

4015007242543577



**Laboratory ID:** KE21013-01  
**Sample Matrix:** Whole Flower  
**Admin. Route:** Inhalation  
**Label Claim:** THC: -- mg | CBD: -- mg  
**Cultivar:** Chem 91  
**Product Name:** FLOWER - JAR  
**Description:** 3.5G  
**Sample Date:** 05/21/26  
**Received:** 05/21/26 16:03  
**Completed:** 05/26/26 18:35

### POTENCY SUMMARY (As Received)

**Total CBD**  
0.0559% (1.96 mg)

**Total THC**  
24.2% (847 mg)

**Total Cannabinoids**  
28.6% (1,000 mg)

Analyte	%	mg
THCa	27.0	945
CBGa	0.871	30.5
delta 9-THC	0.541	18.9
CBG	0.103	3.61
CBDa	0.0637	2.23
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**  
3.88%

Analyte	%
beta-Caryophyllene	1.58
beta-Myrcene	0.991
d-Limonene	0.367
alpha-Humulene	0.366
Linalool	0.0957
alpha-Bisabolol	0.0908
trans-Nerolidol	0.0658
beta-Pinene	0.0496
cis-Nerolidol	0.0460
(+/-)-Borneol	0.0456

### ANALYSIS SUMMARY

<b>Potency</b>	Completed	<b>Homogeneity</b>	Not Tested	<b>Terpenes</b>	Completed
<b>Residual Solvents</b>	Not Tested	<b>% Moisture</b>	PASS	<b>Water Activity</b>	PASS
<b>Foreign Matter</b>	PASS	<b>Pesticides</b>	PASS	<b>Mycotoxins</b>	PASS
<b>Heavy Metals</b>	PASS	<b>Microbials</b>	PASS	<b>Label Claim</b>	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

4015007242543577

Sample Matrix: Whole Flower  
 Cultivar: Chem 91  
 Product Name: FLOWER - JAR

Lab ID: KE21013-01  
 Received: 05/21/26 16:03  
 Completed: 05/26/26 18:35

Potency by HPLC

Batch: B6E2134      Prep By: 1005      Ana. By: 1005      Initial (g): 0.201  
 SOP: MCS-SOP-002      Prep On: 5/21/26 17:35      Ana. On: 5/25/26 15:55      Final (g): 10

Analyte ( % )	Result	Diln	MDL	PQL	Analyte ( % )	Result	Diln	MDL	PQL
Total THC	24.2	100	0.0318	0.467	Total CBD	0.0559	1	0.000488	0.00467
delta 8-THC	ND	1	0.000159	0.00249	delta 9-THC	0.541	100	0.0169	0.249
THCa	27.0	100	0.0169	0.249	THCV	ND	1	0.000358	0.00249
CBD	ND	1	0.000328	0.00249	CBDa	0.0637	1	0.000199	0.00249
CBDV	ND	1	0.000219	0.00249	CBC	ND	1	0.000746	0.00249
CBG	0.103	1	0.000159	0.00249	CBGa	0.871	100	0.0159	0.249
CBN	ND	1	0.000189	0.00249					

Terpene Screen by GC/MS

Batch: B6E2144      Prep By: 1005      Ana. By: 1067      Initial (g): 0.1025  
 SOP: MCS-SOP-004      Prep On: 5/22/26 12:38      Ana. On: 5/22/26 16:43      Final (g): 10

Analyte ( % dry )	Result	Diln	MDL	PQL	Analyte ( % dry )	Result	Diln	MDL	PQL
alpha-Pinene	0.0295	1	0.00560	0.0112	Camphene	0.00992	1	0.00560	0.0112
beta-Pinene	0.0496	1	0.00560	0.0112	3-Carene	ND	1	0.00560	0.0112
alpha-Terpinene	ND	1	0.00560	0.0112	Camphor	ND	1	0.00560	0.0112
d-Limonene	0.367	1	0.00560	0.0112	1,8-Cineole (Eucalyptol)	ND	1	0.00560	0.0112
gamma-Terpinene	ND	1	0.00560	0.0112	Terpinolene	0.00583	1	0.00560	0.0112
Isopulegol	ND	1	0.00560	0.0112	Linalool	0.0957	1	0.00560	0.0112
Geraniol	ND	1	0.00560	0.0112	beta-Caryophyllene	1.58	1	0.00560	0.0112
alpha-Humulene	0.366	1	0.00560	0.0112	cis-Nerolidol	0.0460	1	0.00560	0.0112
Caryophyllene oxide	0.0193	1	0.00560	0.0112	(+/-)-Fenchone	0.0101	1	0.00560	0.0112
(+/-)-Borneol	0.0456	1	0.00560	0.0112	(+)-Pulegone	ND	1	0.00560	0.0112
Cedrol	ND	1	0.00560	0.0112	Geranyl Acetate	ND	1	0.00560	0.0112
alpha-Bisabolol	0.0908	1	0.00560	0.0112	alpha-Phellandrene	ND	1	0.00560	0.0112
alpha-Terpineol	0.0391	1	0.00560	0.0112	Nerol	ND	1	0.00560	0.0112
Sabinene	ND	1	0.00560	0.0112	Valencene	ND	1	0.00560	0.0112
beta-Myrcene	0.991	1	0.00560	0.0112	Sabinene Hydrate	0.00565	1	0.00560	0.0112
alpha-Cedrene	ND	1	0.00560	0.0112	Fenchyl Alcohol	0.0410	1	0.00560	0.0112
Guaiol	ND	1	0.00560	0.0112	trans-Nerolidol	0.0658	1	0.00560	0.0112
Isoborneol	ND	1	0.00560	0.0112	Ocimene, Total	0.0270	1	0.00560	0.0112
gamma-Terpineol	ND	1	0.00560	0.0112	Menthol	ND	1	0.00560	0.0112

Moisture by Moisture Balance

Batch: B6E2156      Prep By: 1048      Ana. By: 1048      Initial (g): 0.518  
 SOP: MCS-SOP-G02      Prep On: 5/22/26 09:40      Ana. On: 5/22/26 09:44      Final (g): 0.5

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

Water Activity by REH

Batch: B6E2153      Prep By: 1048      Ana. By: 1048      Initial (g): 0.1024  
 SOP: MCS-SOP-G03      Prep On: 5/22/26 11:20      Ana. On: 5/22/26 11:50      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: B6E2155      Prep By: 1048      Ana. By: 1048      Initial (g): 1  
 SOP: MCS-SOP-G01      Prep On: 5/21/26 16:30      Ana. On: 5/21/26 16:45      Final (g): 1

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

4015007242543577

Sample Matrix: Whole Flower  
 Cultivar: Chem 91  
 Product Name: FLOWER - JAR

Lab ID: KE21013-01  
 Received: 05/21/26 16:03  
 Completed: 05/26/26 18:35

**Pesticides by LC-QQQ**

Batch: B6E2141      Prep By: 1030      Ana. By: 1056      Initial (g): 1.0004  
 SOP: MCS-SOP-001b      Prep On: 5/22/26 11:30      Ana. On: 5/22/26 19:43      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	10.3	57.4	Acephate	ND	10	100	7.12	57.4
Acequinocyl	ND	10	100	4.25	57.4	Acetamiprid	ND	10	100	3.67	57.4
Aldicarb	ND	10	100	10.8	57.4	Azoxystrobin	ND	10	100	5.28	28.7
Bifenazate	ND	10	100	5.40	57.4	Bifenthrin	ND	10	100	4.48	57.4
Boscalid	ND	10	100	16.8	57.4	Carbaryl	ND	10	500	8.95	57.4
Carbofuran	ND	10	100	4.25	14.4	Chlorantraniliprole	ND	10	1000	9.18	144
Chloromequat chloride	ND	10	1000	3.56	57.4	Chlorpyrifos	ND	10	100	4.82	28.7
Clofentezine	ND	10	200	5.63	57.4	Coumaphos	ND	10	100	7.81	28.7
Cyfluthrin	ND	10	500	44.1	230	Cypermethrin	ND	10	500	11.0	144
Daminozide	ND	10	100	8.95	57.4	Diazinon	ND	10	100	3.10	28.7
Dichlorvos	ND	10	100	11.5	57.4	Dimethoate	ND	10	100	1.26	14.4
Dimethomorph, Total	ND	10	200	3.56	57.4	Ethoprophos	ND	10	100	6.08	57.4
Etofenprox	ND	10	100	4.71	57.4	Etoxazole	ND	10	100	4.25	57.4
Fenhexamid	ND	10	100	5.63	57.4	Fenoxycarb	ND	10	100	5.17	28.7
Fenpyroximate	ND	10	100	2.53	57.4	Fipronil	ND	10	100	13.7	57.4
Flonicamid	ND	10	100	4.82	57.4	Fludioxonil	ND	10	100	10.1	57.4
Hexythiazox	ND	10	100	3.56	57.4	Imazalil	ND	10	100	6.08	57.4
Imidacloprid	ND	10	400	5.17	115	Kresoxim-Methyl	ND	10	100	5.17	57.4
Malathion	ND	10	200	16.8	57.4	Metalaxyl	ND	10	100	5.74	57.4
Methiocarb	ND	10	100	10.4	57.4	Methomyl	ND	10	100	2.30	28.7
Mevinphos	ND	10	100	6.08	57.4	Myclobutanil	ND	10	100	8.15	57.4
Dibrom (Naled)	ND	10	250	11.0	57.4	Oxamyl	ND	10	250	2.41	14.4
Paclobutrazol	ND	10	100	8.50	57.4	Permethrin	ND	10	100	4.59	57.4
Phosmet	ND	10	100	5.17	57.4	Piperonyl butoxide	ND	10	3000	23.0	57.4
Prallethrin	ND	10	100	6.66	57.4	Propiconazole (Tilt)	ND	10	100	5.17	57.4
Baygon (Propoxur)	ND	10	100	3.44	57.4	Pyrethrins, Total	ND	10	500	6.20	57.4
Pyridaben	ND	10	200	1.84	57.4	Spinetoram, Total	ND	10	200	3.79	57.4
Spiromesifen	ND	10	100	4.13	14.4	Spirotetramat	ND	10	100	5.05	57.4
Spiroxamine	ND	10	100	2.87	57.4	Tebuconazole	ND	10	100	4.48	57.4
Thiacloprid	ND	10	100	1.84	57.4	Thiamethoxam	ND	10	500	2.53	115
Trifloxystrobin	ND	10	100	4.71	57.4	Spinosad, Total	ND	10	100	5.05	41.6

**Pesticides by GC-QQQ**

Batch: B6E2141      Prep By: 1030      Ana. By: 1056      Initial (g): 1.0004  
 SOP: MCS-SOP-001a      Prep On: 5/22/26 11:30      Ana. On: 5/23/26 04:09      Final (g): 25

Analyte ( ug/kg dry )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( ug/kg dry )	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	ND	5	150	9.83	86.1	Methyl parathion	ND	5	100	4.91	57.4
Captan	ND	5	700	14.1	86.1	Chlordane, Total	ND	5	100	11.2	57.4
Chlorfenapyr	ND	5	100	12.5	57.4						

**Mycotoxins by LC-QQQ**

Batch: B6E2141      Prep By: 1030      Ana. By: 1056      Initial (g): 1.0004  
 SOP: MCS-SOP-001b      Prep On: 5/22/26 11:30      Ana. On: 5/23/26 01:38      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



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Accreditation #102020

4015007242543577

Sample Matrix: Whole Flower  
Cultivar: Chem 91  
Product Name: FLOWER - JAR

Lab ID: KE21013-01  
Received: 05/21/26 16:03  
Completed: 05/26/26 18:35

Total Metals by ICP-MS

Batch: B6E2150  
SOP: MCS-SOP-I01

Prep By: 1005  
Prep On: 5/22/26 14:14

Ana. By: 1005  
Ana. On: 5/22/26 19:12

Initial (g): 0.2505  
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	22.9	115	Cadmium	ND	1	200	22.9	115
Lead	ND	1	500	57.3	287	Mercury	ND	1	200	22.9	57.3

Microbials by qPCR

Batch: B6E2115  
SOP: MCS-SOP-M01

Prep By: 1053  
Prep On: 5/22/26 10:13

Ana. By: 1053  
Ana. On: 5/23/26 14:09

Initial (g): 1.0024  
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: B6E2116  
SOP: MCS-SOP-M01

Prep By: 1053  
Prep On: 5/22/26 10:58

Ana. By: 1053  
Ana. On: 5/22/26 13:20

Initial (g): 1.0018  
Final (g): 19

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