



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 03/23/2026
Batch Size: 6804 g
Batch Unit Size: 3.5 g
Units Sampled: 11
Total Amt. Sampled: 38.5 g
Seed to Sale ID: 2393788945104793
QA Sample ID: 2130842324104695

2393788945104793

Laboratory ID: KE28013-02
Sample Matrix: Whole Flower
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Chem D
Description: 3.5G
Sample Date: 05/28/26
Received: 05/28/26 16:44
Completed: 06/01/26 17:59



POTENCY SUMMARY (As Received)

Total CBD
0.0616% (2.16 mg)

Total THC
31.0% (1,090 mg)

Total Cannabinoids
36.1% (1,260 mg)

Analyte	%	mg
THCa	34.8	1,220
CBGa	0.610	21.4
delta 9-THC	0.416	14.6
CBG	0.177	6.20
CBDA	0.0703	2.46
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
2.64%

Analyte	%
beta-Caryophyllene	0.962
d-Limonene	0.548
beta-Myrcene	0.289
alpha-Humulene	0.276
trans-Nerolidol	0.124
alpha-Bisabolol	0.0804
beta-Pinene	0.0587
Linalool	0.0552
Fenchyl Alcohol	0.0536
Caryophyllene oxide	0.0464

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 © 2026 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

2393788945104793

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

Lab ID: KE28013-02
 Received: 05/28/26 16:44
 Completed: 06/01/26 17:59

Potency by HPLC

Batch: B6E2825
 SOP: MCS-SOP-002

Prep By: 1005
 Prep On: 5/29/26 09:58

Ana. By: 1057
 Ana. On: 5/30/26 03:40

Initial (g): 0.2025
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	31.0	100	0.0316	0.463	Total CBD	0.0616	1	0.000484	0.00463
delta 8-THC	ND	1	0.000158	0.00247	delta 9-THC	0.416	1	0.000168	0.00247
THCa	34.8	100	0.0168	0.247	THCV	ND	1	0.000356	0.00247
CBD	ND	1	0.000326	0.00247	CBDa	0.0703	1	0.000198	0.00247
CBDV	ND	1	0.000217	0.00247	CBC	ND	1	0.000741	0.00247
CBG	0.177	1	0.000158	0.00247	CBGa	0.610	100	0.0158	0.247
CBN	ND	1	0.000188	0.00247					

Terpene Screen by GC/MS

Batch: B6E2832
 SOP: MCS-SOP-004

Prep By: 1005
 Prep On: 5/29/26 10:23

Ana. By: 1067
 Ana. On: 5/29/26 23:48

Initial (g): 0.1045
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0410	1	0.00478	0.00957	Camphene	0.0137	1	0.00478	0.00957
beta-Pinene	0.0587	1	0.00478	0.00957	3-Carene	ND	1	0.00478	0.00957
alpha-Terpinene	ND	1	0.00478	0.00957	Camphor	ND	1	0.00478	0.00957
d-Limonene	0.548	1	0.00478	0.00957	1,8-Cineole (Eucalyptol)	ND	1	0.00478	0.00957
gamma-Terpinene	ND	1	0.00478	0.00957	Terpinolene	0.00908	1	0.00478	0.00957
Isopulegol	ND	1	0.00478	0.00957	Linalool	0.0552	1	0.00478	0.00957
Geraniol	ND	1	0.00478	0.00957	beta-Caryophyllene	0.962	1	0.00478	0.00957
alpha-Humulene	0.276	1	0.00478	0.00957	cis-Nerolidol	ND	1	0.00478	0.00957
Caryophyllene oxide	0.0464	1	0.00478	0.00957	(+/-)-Fenchone	ND	1	0.00478	0.00957
(+/-)-Borneol	0.0365	1	0.00478	0.00957	(+)-Pulegone	ND	1	0.00478	0.00957
Cedrol	ND	1	0.00478	0.00957	Geranyl Acetate	ND	1	0.00478	0.00957
alpha-Bisabolol	0.0804	1	0.00478	0.00957	alpha-Phellandrene	ND	1	0.00478	0.00957
alpha-Terpineol	0.0436	1	0.00478	0.00957	Nerol	ND	1	0.00478	0.00957
Sabinene	ND	1	0.00478	0.00957	Valencene	ND	1	0.00478	0.00957
beta-Myrcene	0.289	1	0.00478	0.00957	Sabinene Hydrate	ND	1	0.00478	0.00957
alpha-Cedrene	ND	1	0.00478	0.00957	Fenchyl Alcohol	0.0536	1	0.00478	0.00957
Guaiol	ND	1	0.00478	0.00957	trans-Nerolidol	0.124	1	0.00478	0.00957
Isoborneol	ND	1	0.00478	0.00957	Ocimene, Total	ND	1	0.00478	0.00957
gamma-Terpineol	ND	1	0.00478	0.00957	Menthol	ND	1	0.00478	0.00957

Moisture by Moisture Balance

Batch: B6E2841
 SOP: MCS-SOP-G02

Prep By: 1048
 Prep On: 5/29/26 10:00

Ana. By: 1048
 Ana. On: 5/29/26 13:31

Initial (g): 0.538
 Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	13.0	1	15

Water Activity by REH

Batch: B6E2838
 SOP: MCS-SOP-G03

Prep By: 1048
 Prep On: 5/29/26 10:41

Ana. By: 1048
 Ana. On: 5/29/26 16:05

Initial (g): 0.1037
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.52	1	0.65	0.040	0.040

Foreign Matter

Batch: B6E2840
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 5/28/26 17:00

Ana. By: 1048
 Ana. On: 5/28/26 17:10

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

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

Richard Dillen
 Laboratory Director



Accreditation #102020



2393788945104793

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

Lab ID: KE28013-02
 Received: 05/28/26 16:44
 Completed: 06/01/26 17:59

Pesticides by LC-QQQ

Batch: B6E2829
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 5/29/26 11:35

Ana. By: 1056
 Ana. On: 5/31/26 08:41

Initial (g): 1.0019
 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	7.11	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	5.39	57.4	Bifenthrin	ND	10	100	4.47	57.4
Boscalid	ND	10	100	16.8	57.4	Carbaryl	ND	10	500	8.95	57.4
Carbofuran	ND	10	100	4.25	14.3	Chlorantraniliprole	ND	10	1000	9.18	143
Chlormequat chloride	ND	10	1000	3.56	57.4	Chlorpyrifos	ND	10	100	4.82	28.7
Clofentezine	ND	10	200	5.62	57.4	Coumaphos	ND	10	100	7.80	28.7
Cyfluthrin	ND	10	500	44.1	229	Cypermethrin	ND	10	500	11.0	143
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	14.3
Dimethomorph, Total	ND	10	200	3.56	57.4	Ethoprophos	ND	10	100	6.08	57.4
Etofenprox	ND	10	100	4.70	57.4	Etoxazole	ND	10	100	4.25	57.4
Fenhexamid	ND	10	100	5.62	57.4	Fenoxycarb	ND	10	100	5.16	28.7
Fenpyroximate	ND	10	100	2.52	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	5.16	115	Kresoxim-Methyl	ND	10	100	5.16	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	2.29	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	14.3
Paclobutrazol	ND	10	100	8.49	57.4	Permethrin	ND	10	100	4.59	57.4
Phosmet	ND	10	100	5.16	57.4	Piperonyl butoxide	ND	10	3000	22.9	5740
Prallethrin	ND	10	100	6.65	57.4	Propiconazole (Tilt)	ND	10	100	5.16	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	14.3	Spirotetramat	ND	10	100	5.05	57.4
Spiroxamine	ND	10	100	2.87	57.4	Tebuconazole	ND	10	100	4.47	57.4
Thiacloprid	ND	10	100	1.84	57.4	Thiamethoxam	ND	10	500	2.52	115
Trifloxystrobin	ND	10	100	4.70	57.4	Spinosad, Total	ND	10	100	5.05	41.6

Pesticides by GC-QQQ

Batch: B6E2829
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 5/29/26 11:35

Ana. By: 1056
 Ana. On: 5/30/26 19:57

Initial (g): 1.0019
 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	9.82	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: B6E2829
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 5/29/26 11:35

Ana. By: 1056
 Ana. On: 5/30/26 17:58

Initial (g): 1.0019
 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	9.98	9.98	Ochratoxin A	ND	10	20	2.52	9.98
Aflatoxin G2	ND	10	20	7.46	9.98	Aflatoxin G1	ND	10	20	3.23	9.98
Aflatoxin B2	ND	10	20	3.87	9.98	Aflatoxin B1	ND	10	20	2.93	9.98



CMTL-0005

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

Richard Dillen
 Laboratory Director



Accreditation #102020



2393788945104793

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

Lab ID: KE28013-02
 Received: 05/28/26 16:44
 Completed: 06/01/26 17:59

Total Metals by ICP-MS

Batch: B6E2835
 SOP: MCS-SOP-I01

Prep By: 1005
 Prep On: 5/29/26 14:29

Ana. By: 1005
 Ana. On: 5/30/26 01:14

Initial (g): 0.2515
 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	114	Cadmium	ND	1	200	22.9	114
Lead	ND	1	500	57.1	286	Mercury	ND	1	200	22.9	57.1

Microbials by qPCR

Batch: B6E2819
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 5/29/26 10:23

Ana. By: 1053
 Ana. On: 5/30/26 15:47

Initial (g): 1.0068
 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: B6E2820
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 5/29/26 10:28

Ana. By: 1053
 Ana. On: 5/29/26 11:44

Initial (g): 1.0089
 Final (g): 19

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