



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 09/19/2025
Batch Size: 2558 g
Batch Unit Size: 2 g
Units Sampled: 14
Total Amt. Sampled: 28 g
Seed to Sale ID: 3487472721559904
QA Sample ID: 6381384491631353

3487472721559904

Laboratory ID: JI19009-02
Sample Matrix: Preroll
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Chem D
Product Name: FLOWERY HANDROLL
Description: 1 X 2G
Sample Date: 09/19/25
Received: 09/19/25 15:34
Completed: 09/23/25 18:59



POTENCY SUMMARY (As Received)

Total CBD Total THC Total Cannabinoids
0.0835% (1.67 mg) 24.0% (480 mg) 28.1% (562 mg)

Analyte	%	mg
THCa	27.1	542
CBGa	0.464	9.28
delta 9-THC	0.284	5.68
CBG	0.138	2.76
CBDa	0.0872	1.74
CBD	0.00698	0.140
CBC	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
THCV	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Total Terpenes
2.08%

Analyte	%
beta-Caryophyllene	0.851
d-Limonene	0.364
alpha-Humulene	0.271
beta-Myrcene	0.122
trans-Nerolidol	0.114
alpha-Bisabolol	0.0875
(+/-)-Borneol	0.0495
Valencene	0.0479
Fenchyl Alcohol	0.0419
beta-Pinene	0.0411

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



CMTL-0005

4705 Old Rd 37
Lakeland, FL 33813
www.moderncanna.com
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Richard Dillen
Laboratory Director



Accreditation #102020



3487472721559904

Sample Matrix: Preroll
 Cultivar: Chem D
 Product Name: FLOWERY HANDROLL

Lab ID: J119009-02
 Received: 09/19/25 15:34
 Completed: 09/23/25 18:59

Potency by HPLC

Batch: B511938
 SOP: MCS-SOP-002

Prep By: 1044
 Prep On: 9/20/25 13:58

Ana. By: 1057
 Ana. On: 9/22/25 14:11

Initial (g): 0.2019
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	24.0	100	0.0317	0.465	Total CBD	0.0835	1	0.000485	0.00465
delta 8-THC	ND	1	0.000158	0.00248	delta 9-THC	0.284	1	0.000168	0.00248
THCa	27.1	100	0.0168	0.248	THCV	ND	1	0.000357	0.00248
CBD	0.00698	1	0.000327	0.00248	CBDa	0.0872	1	0.000198	0.00248
CBDV	ND	1	0.000218	0.00248	CBC	ND	1	0.000743	0.00248
CBG	0.138	1	0.000158	0.00248	CBGa	0.464	1	0.000158	0.00248
CBN	ND	1	0.000188	0.00248					

Terpene Screen by GC/MS

Batch: B511940
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 9/22/25 09:23

Ana. By: 1005
 Ana. On: 9/22/25 17:39

Initial (g): 0.1043
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0291	1	0.00479	0.00959	Camphene	0.0100	1	0.00479	0.00959
beta-Pinene	0.0411	1	0.00479	0.00959	3-Carene	ND	1	0.00479	0.00959
alpha-Terpinene	ND	1	0.00479	0.00959	Camphor	ND	1	0.00479	0.00959
d-Limonene	0.364	1	0.00479	0.00959	1,8-Cineole (Eucalyptol)	ND	1	0.00479	0.00959
gamma-Terpinene	ND	1	0.00479	0.00959	Terpinolene	0.0105	1	0.00479	0.00959
Isopulegol	ND	1	0.00479	0.00959	Linalool	ND	1	0.00479	0.00959
Geraniol	ND	1	0.00479	0.00959	beta-Caryophyllene	0.851	1	0.00479	0.00959
alpha-Humulene	0.271	1	0.00479	0.00959	cis-Nerolidol	ND	1	0.00479	0.00959
Caryophyllene oxide	ND	1	0.00479	0.00959	(+/-)-Fenchone	ND	1	0.00479	0.00959
(+/-)-Borneol	0.0495	1	0.00479	0.00959	(+)-Pulegone	ND	1	0.00479	0.00959
Cedrol	ND	1	0.00479	0.00959	Geranyl Acetate	ND	1	0.00479	0.00959
alpha-Bisabolol	0.0875	1	0.00479	0.00959	alpha-Phellandrene	ND	1	0.00479	0.00959
alpha-Terpineol	0.0356	1	0.00479	0.00959	Nerol	ND	1	0.00479	0.00959
Sabinene	ND	1	0.00479	0.00959	Valencene	0.0479	1	0.00479	0.00959
beta-Myrcene	0.122	1	0.00479	0.00959	Sabinene Hydrate	ND	1	0.00479	0.00959
alpha-Cedrene	ND	1	0.00479	0.00959	Fenchyl Alcohol	0.0419	1	0.00479	0.00959
Guaiol	ND	1	0.00479	0.00959	trans-Nerolidol	0.114	1	0.00479	0.00959
Isoborneol	ND	1	0.00479	0.00959	Ocimene, Total	ND	1	0.00479	0.00959
gamma-Terpineol	ND	1	0.00479	0.00959	Menthol	ND	1	0.00479	0.00959

Moisture by Moisture Balance

Batch: B511924
 SOP: MCS-SOP-G02

Prep By: 1054
 Prep On: 9/22/25 13:25

Ana. By: 1055
 Ana. On: 9/22/25 13:42

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

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

Water Activity by REH

Batch: B511923
 SOP: MCS-SOP-G03

Prep By: 1048
 Prep On: 9/22/25 10:06

Ana. By: 1048
 Ana. On: 9/22/25 13:20

Initial (g): 0.1038
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.47	1	0.65	0.040	0.040

Foreign Matter

Batch: B511918
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 9/19/25 17:00

Ana. By: 1048
 Ana. On: 9/19/25 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

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Accreditation #102020



3487472721559904

Sample Matrix: Preroll
 Cultivar: Chem D
 Product Name: FLOWERY HANDROLL

Lab ID: J119009-02
 Received: 09/19/25 15:34
 Completed: 09/23/25 18:59

Pesticides by LC-QQQ

Batch: B511920
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 9/22/25 10:47

Ana. By: 1056
 Ana. On: 9/22/25 19:06

Initial (g): 1.0049
 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	57.2	Acephate	ND	10	100	7.09	28.6
Acequinocyl	ND	10	100	4.23	57.2	Acetamiprid	ND	10	100	3.66	28.6
Aldicarb	ND	10	100	10.7	28.6	Azoxystrobin	ND	10	100	5.26	14.3
Bifenazate	ND	10	100	5.37	28.6	Bifenthrin	ND	10	100	4.46	14.3
Boscalid	ND	10	100	16.7	57.2	Carbaryl	ND	10	500	8.92	28.6
Carbofuran	ND	10	100	4.23	14.3	Chlorantraniliprole	ND	10	1000	9.15	143
Chlormequat chloride	ND	10	1000	3.55	57.2	Chlorpyrifos	ND	10	100	4.80	28.6
Clofentezine	ND	10	200	5.60	28.6	Coumaphos	ND	10	100	7.78	28.6
Cyfluthrin	ND	10	500	43.9	143	Cypermethrin	ND	10	500	11.0	143
Daminozide	ND	10	100	8.92	57.2	Diazinon	ND	10	100	3.09	14.3
Dichlorvos	ND	10	100	11.4	57.2	Dimethoate	ND	10	100	1.26	14.3
Dimethomorph, Total	ND	10	200	3.55	57.2	Ethoprophos	ND	10	100	6.06	14.3
Etofenprox	ND	10	100	4.69	28.6	Etoazole	ND	10	100	4.23	28.6
Fenhexamid	ND	10	100	5.60	57.2	Fenoxycarb	ND	10	100	5.15	28.6
Fenpyroximate	ND	10	100	2.52	14.3	Fipronil	ND	10	100	13.6	57.2
Flonicamid	ND	10	100	4.80	28.6	Fludioxonil	ND	10	100	10.1	57.2
Hexythiazox	ND	10	100	3.55	14.3	Imazalil	ND	10	100	6.06	57.2
Imidacloprid	ND	10	400	5.15	28.6	Kresoxim-Methyl	ND	10	100	5.15	28.6
Malathion	ND	10	200	16.7	57.2	Metalaxyl	ND	10	100	5.72	14.3
Methiocarb	ND	10	100	10.4	28.6	Methomyl	ND	10	100	2.29	14.3
Mevinphos	ND	10	100	6.06	28.6	Myclobutanil	ND	10	100	8.12	28.6
Dibrom (Naled)	ND	10	250	11.0	57.2	Oxamyl	ND	10	250	2.40	14.3
Paclobutrazol	ND	10	100	8.46	28.6	Permethrin	ND	10	100	4.57	28.6
Phosmet	ND	10	100	5.15	28.6	Piperonyl butoxide	ND	10	3000	22.9	57.2
Prallethrin	ND	10	100	6.63	28.6	Propiconazole (Tilt)	ND	10	100	5.15	57.2
Baygon (Propoxur)	ND	10	100	3.43	14.3	Pyrethrins, Total	ND	10	500	6.18	57.2
Pyridaben	ND	10	200	1.83	14.3	Spinetoram, Total	ND	10	200	3.77	57.2
Spiromesifen	ND	10	100	4.12	14.3	Spirotetramat	ND	10	100	5.03	28.6
Spiroxamine	ND	10	100	2.86	14.3	Tebuconazole	ND	10	100	4.46	28.6
Thiacloprid	ND	10	100	1.83	28.6	Thiamethoxam	ND	10	500	2.52	28.6
Trifloxystrobin	ND	10	100	4.69	14.3	Spinosad, Total	ND	10	100	5.03	41.5

Pesticides by GC-QQQ

Batch: B511920
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 9/22/25 10:47

Ana. By: 1056
 Ana. On: 9/22/25 20:01

Initial (g): 1.0049
 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	9.79	28.6	Methyl parathion	ND	5	100	4.89	28.6
Captan	ND	5	700	14.1	28.6	Chlordane, Total	ND	5	100	11.1	28.6
Chlorfenapyr	ND	5	100	12.5	28.6						

Mycotoxins by LC-QQQ

Batch: B511920
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 9/22/25 10:47

Ana. By: 1056
 Ana. On: 9/23/25 17:40

Initial (g): 1.0049
 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	9.95	9.95	Ochratoxin A	ND	10	20	2.51	9.95
Aflatoxin G2	ND	10	20	7.43	9.95	Aflatoxin G1	ND	10	20	3.22	9.95
Aflatoxin B2	ND	10	20	3.86	9.95	Aflatoxin B1	ND	10	20	2.93	9.95



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3487472721559904

Sample Matrix: Preroll
Cultivar: Chem D
Product Name: FLOWERY HANDROLL

Lab ID: **JI19009-02**
Received: 09/19/25 15:34
Completed: 09/23/25 18:59

Total Metals by ICP-MS

Batch: B511922
SOP: MCS-SOP-I01

Prep By: 1029
Prep On: 9/22/25 11:01

Ana. By: 1028
Ana. On: 9/22/25 14:41

Initial (g): 0.253
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	22.7	114	Cadmium	ND	1	200	22.7	114
Lead	ND	1	500	56.8	284	Mercury	ND	1	200	22.7	56.8

Microbials by qPCR

Batch: B511934
SOP: MCS-SOP-M01

Prep By: 1053
Prep On: 9/20/25 11:47

Ana. By: 1053
Ana. On: 9/21/25 14:15

Initial (g): 1.0029
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: B511933
SOP: MCS-SOP-M01

Prep By: 1005
Prep On: 9/20/25 11:40

Ana. By: 1053
Ana. On: 9/20/25 13:02

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

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