



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 10/23/2025
Batch Size: 5807 g
Batch Unit Size: 3.5 g
Units Sampled: 10
Total Amt. Sampled: 35 g
Seed to Sale ID: 0472771897949221
QA Sample ID: 7759925965778847

0472771897949221



Laboratory ID: JJ24012-01
Sample Matrix: Preroll
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Sunset Runtz
Product Name: FLOWER - FLOWERY MYLAR BAG
Description: 3.5G
Sample Date: 10/24/25
Received: 10/24/25 15:10
Completed: 10/28/25 17:42

POTENCY SUMMARY (As Received)

Total CBD
0.0650% (2.28 mg)

Total THC
30.9% (1,080 mg)

Total Cannabinoids
35.8% (1,250 mg)

Analyte	%	mg
THCa	34.7	1,210
CBGa	0.448	15.7
delta 9-THC	0.428	15.0
CBG	0.146	5.11
CBDa	0.0742	2.60
CBN	0.0305	1.07
THCV	0.00560	0.196
CBC	<LOQ	<LOQ
CBD	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Total Terpenes
3.16%

Analyte	%
d-Limonene	0.804
beta-Caryophyllene	0.650
Linalool	0.406
beta-Myrcene	0.362
alpha-Humulene	0.189
trans-Nerolidol	0.113
beta-Pinene	0.0949
Fenchyl Alcohol	0.0882
alpha-Terpineol	0.0763
Isopulegol	0.0737

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

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Sample Matrix: Preroll
 Cultivar: Sunset Runtz
 Product Name: FLOWER - FLOWERY MYLAR BAG

Lab ID: JJ24012-01
 Received: 10/24/25 15:10
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Potency by HPLC

Batch: B5J2411
 SOP: MCS-SOP-002

Prep By: 1044
 Prep On: 10/27/25 09:30

Ana. By: 1057
 Ana. On: 10/28/25 12:54

Initial (g): 0.2026
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	30.9	100	0.0316	0.463	Total CBD	0.0650	1	0.000484	0.00463
delta 8-THC	ND	1	0.000158	0.00247	delta 9-THC	0.428	1	0.000168	0.00247
THCa	34.7	100	0.0168	0.247	THCV	0.00560	1	0.000355	0.00247
CBD	ND	1	0.000326	0.00247	CBDa	0.0742	1	0.000197	0.00247
CBDV	ND	1	0.000217	0.00247	CBC	ND	1	0.000740	0.00247
CBG	0.146	1	0.000158	0.00247	CBGa	0.448	1	0.000158	0.00247
CBN	0.0305	1	0.000188	0.00247					

Terpene Screen by GC/MS

Batch: B5J2415
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 10/27/25 10:27

Ana. By: 1062
 Ana. On: 10/27/25 22:59

Initial (g): 0.1013
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0668	1	0.00494	0.00987	Camphene	0.0200	1	0.00494	0.00987
beta-Pinene	0.0949	1	0.00494	0.00987	3-Carene	ND	1	0.00494	0.00987
alpha-Terpinene	0.00516	1	0.00494	0.00987	Camphor	ND	1	0.00494	0.00987
d-Limonene	0.804	1	0.00494	0.00987	1,8-Cineole (Eucalyptol)	ND	1	0.00494	0.00987
gamma-Terpinene	0.00606	1	0.00494	0.00987	Terpinolene	0.0257	1	0.00494	0.00987
Isopulegol	0.0737	1	0.00494	0.00987	Linalool	0.406	1	0.00494	0.00987
Geraniol	ND	1	0.00494	0.00987	beta-Caryophyllene	0.650	1	0.00494	0.00987
alpha-Humulene	0.189	1	0.00494	0.00987	cis-Nerolidol	ND	1	0.00494	0.00987
Caryophyllene oxide	0.0470	1	0.00494	0.00987	(+/-)-Fenchone	0.00564	1	0.00494	0.00987
(+/-)-Borneol	0.0234	1	0.00494	0.00987	(+)-Pulegone	ND	1	0.00494	0.00987
Cedrol	ND	1	0.00494	0.00987	Geranyl Acetate	ND	1	0.00494	0.00987
alpha-Bisabolol	0.0574	1	0.00494	0.00987	alpha-Phellandrene	0.00519	1	0.00494	0.00987
alpha-Terpineol	0.0763	1	0.00494	0.00987	Nerol	ND	1	0.00494	0.00987
Sabinene	ND	1	0.00494	0.00987	Valencene	ND	1	0.00494	0.00987
beta-Myrcene	0.362	1	0.00494	0.00987	Sabinene Hydrate	0.00603	1	0.00494	0.00987
alpha-Cedrene	ND	1	0.00494	0.00987	Fenchyl Alcohol	0.0882	1	0.00494	0.00987
Guaiol	ND	1	0.00494	0.00987	trans-Nerolidol	0.113	1	0.00494	0.00987
Isoborneol	ND	1	0.00494	0.00987	Ocimene, Total	0.0352	1	0.00494	0.00987
gamma-Terpineol	ND	1	0.00494	0.00987	Menthol	ND	1	0.00494	0.00987

Moisture by Moisture Balance

Batch: B5J2418
 SOP: MCS-SOP-G02

Prep By: 1055
 Prep On: 10/27/25 16:28

Ana. By: 1055
 Ana. On: 10/27/25 16:31

Initial (g): 0.517
 Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	14.1	1	15

Water Activity by REH

Batch: B5J2448
 SOP: MCS-SOP-G03

Prep By: 1054
 Prep On: 10/27/25 11:39

Ana. By: 1048
 Ana. On: 10/28/25 15:19

Initial (g): 0.1028
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.48	1	0.65	0.040	0.040

Foreign Matter

Batch: B5J2410
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 10/24/25 18:15

Ana. By: 1048
 Ana. On: 10/24/25 18:30

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

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



CMTL-0005

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

Richard Dillen
 Laboratory Director



Accreditation #102020



0472771897949221

Sample Matrix: Preroll
 Cultivar: Sunset Runtz
 Product Name: FLOWER - FLOWERY MYLAR BAG

Lab ID: JJ24012-01
 Received: 10/24/25 15:10
 Completed: 10/28/25 17:42

Pesticides by LC-QQQ

Batch: B5J2414
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 10/27/25 11:41

Ana. By: 1056
 Ana. On: 10/27/25 17:16

Initial (g): 1.0013
 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	0.900	10.0	Acephate	ND	10	100	0.620	10.0
Acequinocyl	ND	10	100	0.370	10.0	Acetamiprid	ND	10	100	0.320	10.0
Aldicarb	ND	10	100	0.940	10.0	Azoxystrobin	ND	10	100	0.460	10.0
Bifenazate	ND	10	100	0.470	10.0	Bifenthrin	ND	10	100	0.390	10.0
Boscalid	ND	10	100	1.46	10.0	Carbaryl	ND	10	500	0.780	50.0
Carbofuran	ND	10	100	0.370	10.0	Chlorantraniliprole	ND	10	1000	0.800	100
Chlormequat chloride	ND	10	1000	0.310	100	Chlorpyrifos	ND	10	100	0.420	10.0
Clofentezine	ND	10	200	0.490	20.0	Coumaphos	ND	10	100	0.680	10.0
Cyfluthrin	ND	10	500	3.84	50.0	Cypermethrin	ND	10	500	0.960	50.0
Daminozide	ND	10	100	0.780	10.0	Diazinon	ND	10	100	0.270	10.0
Dichlorvos	ND	10	100	1.00	10.0	Dimethoate	ND	10	100	0.110	10.0
Dimethomorph, Total	ND	10	200	0.310	20.0	Ethoprophos	ND	10	100	0.530	10.0
Etofenprox	ND	10	100	0.410	10.0	Etioazole	ND	10	100	0.370	10.0
Fenhexamid	ND	10	100	0.490	10.0	Fenoxycarb	ND	10	100	0.450	10.0
Fenpyroximate	ND	10	100	0.220	10.0	Fipronil	ND	10	100	1.19	10.0
Flonicamid	ND	10	100	0.420	10.0	Fludioxonil	ND	10	100	0.880	10.0
Hexythiazox	ND	10	100	0.310	10.0	Imazalil	ND	10	100	0.530	10.0
Imidacloprid	ND	10	400	0.450	40.0	Kresoxim-Methyl	ND	10	100	0.450	10.0
Malathion	ND	10	200	1.46	20.0	Metalaxyl	ND	10	100	0.500	10.0
Methiocarb	ND	10	100	0.910	10.0	Methomyl	ND	10	100	0.200	10.0
Mevinphos	ND	10	100	0.530	10.0	Myclobutanil	ND	10	100	0.710	10.0
Dibrom (Naled)	ND	10	250	0.960	25.0	Oxamyl	ND	10	250	0.210	25.0
Paclobutrazol	ND	10	100	0.740	10.0	Permethrin	ND	10	100	0.400	10.0
Phosmet	ND	10	100	0.450	10.0	Piperonyl butoxide	ND	10	3000	2.00	300
Prallethrin	ND	10	100	0.580	10.0	Propiconazole (Tilt)	ND	10	100	0.450	10.0
Baygon (Propoxur)	ND	10	100	0.300	10.0	Pyrethrins, Total	ND	10	500	0.540	10.0
Pyridaben	ND	10	200	0.160	20.0	Spinetoram, Total	ND	10	200	0.330	10.0
Spiromesifen	ND	10	100	0.360	10.0	Spirotetramat	ND	10	100	0.440	10.0
Spiroxamine	ND	10	100	0.250	10.0	Tebuconazole	ND	10	100	0.390	10.0
Thiacloprid	ND	10	100	0.160	10.0	Thiamethoxam	ND	10	500	0.220	50.0
Trifloxystrobin	ND	10	100	0.410	10.0	Spinosad, Total	ND	10	100	0.440	10.0

Pesticides by GC-QQQ

Batch: B5J2414
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 10/27/25 11:41

Ana. By: 1056
 Ana. On: 10/27/25 22:43

Initial (g): 1.0013
 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	1.71	15.0	Methyl parathion	ND	5	100	0.855	10.0
Captan	ND	5	700	2.46	70.0	Chlordane, Total	ND	5	100	1.95	10.0
Chlorfenapyr	ND	5	100	2.18	10.0						

Mycotoxins by LC-QQQ

Batch: B5J2414
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 10/27/25 11:41

Ana. By: 1056
 Ana. On: 10/27/25 22:58

Initial (g): 1.0013
 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	9.99	9.99	Ochratoxin A	ND	10	20	2.52	9.99
Aflatoxin G2	ND	10	20	7.46	9.99	Aflatoxin G1	ND	10	20	3.24	9.99
Aflatoxin B2	ND	10	20	3.87	9.99	Aflatoxin B1	ND	10	20	2.94	9.99



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Product Name: FLOWER - FLOWERY MYLAR BAG

Lab ID: JJ24012-01
Received: 10/24/25 15:10
Completed: 10/28/25 17:42

Total Metals by ICP-MS

Batch: B5J2416
SOP: MCS-SOP-I01

Prep By: 1029
Prep On: 10/27/25 13:44

Ana. By: 1005
Ana. On: 10/27/25 17:42

Initial (g): 0.2533
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	23.0	115	Cadmium	ND	1	200	23.0	115
Lead	ND	1	500	57.5	287	Mercury	ND	1	200	23.0	57.5

Microbials by qPCR

Batch: B5J2435
SOP: MCS-SOP-M01

Prep By: 1053
Prep On: 10/25/25 12:26

Ana. By: 1053
Ana. On: 10/26/25 16:15

Initial (g): 1.002
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: B5J2436
SOP: MCS-SOP-M01

Prep By: 1005
Prep On: 10/25/25 11:15

Ana. By: 1005
Ana. On: 10/25/25 12:50

Initial (g): 1
Final (g): 19

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