



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 07/18/2025
Batch Size: 10315 g
Batch Unit Size: 3.5 g
Units Sampled: 15
Total Amt. Sampled: 52.5 g
Seed to Sale ID: 2186052089423852
QA Sample ID: 3306750246252920

2186052089423852



Laboratory ID: JG23017-01
Sample Matrix: Whole Flower
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: SD Plum Popperz
Product Name: SD CANNABIS FLOWER
Description: 3.5G
Sample Date: 07/23/25
Received: 07/23/25 15:07
Completed: 07/25/25 18:31

POTENCY SUMMARY (As Received)

Total CBD
0.0511% (1.79 mg)

Total THC
22.1% (774 mg)

Total Cannabinoids
25.4% (888 mg)

Analyte	%	mg
THCa	23.9	837
delta 9-THC	1.14	39.9
CBGa	0.226	7.91
CBDa	0.0553	1.94
CBG	0.0551	1.93
CBN	0.00475	0.166
CBD	0.00260	0.0910
CBC	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
THCV	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Total Terpenes
2.02%

Analyte	%
d-Limonene	0.416
beta-Myrcene	0.375
Linalool	0.373
beta-Caryophyllene	0.316
alpha-Humulene	0.0933
trans-Nerolidol	0.0848
alpha-Terpineol	0.0744
Fenchyl Alcohol	0.0737
beta-Pinene	0.0564
alpha-Bisabolol	0.0477

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 © 2025 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



CMTL-0005

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

Richard Dillen
Laboratory Director



Accreditation #102020



2186052089423852

Sample Matrix: Whole Flower
 Cultivar: SD Plum Popperz
 Product Name: SD CANNABIS FLOWER

Lab ID: JG23017-01
 Received: 07/23/25 15:07
 Completed: 07/25/25 18:31

Potency by HPLC

Batch: B5G2326
 SOP: MCS-SOP-002

Prep By: 1005
 Prep On: 7/24/25 09:24

Ana. By: 1005
 Ana. On: 7/25/25 13:09

Initial (g): 0.2022
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	22.1	100	0.0317	0.464	Total CBD	0.0511	1	0.000485	0.00464
delta 8-THC	ND	1	0.000158	0.00247	delta 9-THC	1.14	100	0.0168	0.247
THCa	23.9	100	0.0168	0.247	THCV	ND	1	0.000356	0.00247
CBD	0.00260	1	0.000326	0.00247	CBDa	0.0553	1	0.000198	0.00247
CBDV	ND	1	0.000218	0.00247	CBC	ND	1	0.000742	0.00247
CBG	0.0551	1	0.000158	0.00247	CBGa	0.226	1	0.000158	0.00247
CBN	0.00475	1	0.000188	0.00247					

Terpene Screen by GC/MS

Batch: B5G2339
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 7/24/25 10:16

Ana. By: 1005
 Ana. On: 7/24/25 17:08

Initial (g): 0.1033
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0351	1	0.00484	0.00968	Camphene	0.0127	1	0.00484	0.00968
beta-Pinene	0.0564	1	0.00484	0.00968	3-Carene	ND	1	0.00484	0.00968
alpha-Terpinene	ND	1	0.00484	0.00968	Camphor	ND	1	0.00484	0.00968
d-Limonene	0.416	1	0.00484	0.00968	1,8-Cineole (Eucalyptol)	ND	1	0.00484	0.00968
gamma-Terpinene	ND	1	0.00484	0.00968	Terpinolene	0.00685	1	0.00484	0.00968
Isopulegol	ND	1	0.00484	0.00968	Linalool	0.373	1	0.00484	0.00968
Geraniol	ND	1	0.00484	0.00968	beta-Caryophyllene	0.316	1	0.00484	0.00968
alpha-Humulene	0.0933	1	0.00484	0.00968	cis-Nerolidol	ND	1	0.00484	0.00968
Caryophyllene oxide	0.0231	1	0.00484	0.00968	(+/-)-Fenchone	ND	1	0.00484	0.00968
(+/-)-Borneol	0.0300	1	0.00484	0.00968	(+)-Pulegone	ND	1	0.00484	0.00968
Cedrol	ND	1	0.00484	0.00968	Geranyl Acetate	ND	1	0.00484	0.00968
alpha-Bisabolol	0.0477	1	0.00484	0.00968	alpha-Phellandrene	ND	1	0.00484	0.00968
alpha-Terpineol	0.0744	1	0.00484	0.00968	Nerol	ND	1	0.00484	0.00968
Sabinene	ND	1	0.00484	0.00968	Valencene	ND	1	0.00484	0.00968
beta-Myrcene	0.375	1	0.00484	0.00968	Sabinene Hydrate	ND	1	0.00484	0.00968
alpha-Cedrene	ND	1	0.00484	0.00968	Fenchyl Alcohol	0.0737	1	0.00484	0.00968
Guaiol	ND	1	0.00484	0.00968	trans-Nerolidol	0.0848	1	0.00484	0.00968
Isoborneol	ND	1	0.00484	0.00968	Ocimene, Total	ND	1	0.00484	0.00968
gamma-Terpineol	ND	1	0.00484	0.00968	Menthol	ND	1	0.00484	0.00968

Moisture by Vacuum Desiccation

Batch: B5G2333
 SOP: MCS-SOP-G02

Prep By: 1048
 Prep On: 7/24/25 10:24

Ana. By: 1055
 Ana. On: 7/24/25 14:24

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

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	11.5	1	15

Water Activity by REH

Batch: B5G2337
 SOP: MCS-SOP-G03

Prep By: 1054
 Prep On: 7/24/25 10:41

Ana. By: 1048
 Ana. On: 7/24/25 15:43

Initial (g): 0.1039
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.50	1	0.65	0.040	0.040

Foreign Matter

Batch: B5G2325
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 7/23/25 16:30

Ana. By: 1048
 Ana. On: 7/23/25 17:00

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

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

2186052089423852

Sample Matrix: Whole Flower
 Cultivar: SD Plum Popperz
 Product Name: SD CANNABIS FLOWER

Lab ID: JG23017-01
 Received: 07/23/25 15:07
 Completed: 07/25/25 18:31

Pesticides by LC-QQQ

Batch: B5G2327
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 7/24/25 10:00

Ana. By: 1056
 Ana. On: 7/25/25 00:10

Initial (g): 1.003
 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	10.1	56.3	Acephate	ND	10	100	6.99	28.2
Acequinocyl	ND	10	100	4.17	56.3	Acetamiprid	ND	10	100	3.61	28.2
Aldicarb	ND	10	100	10.6	28.2	Azoxystrobin	ND	10	100	5.18	14.1
Bifenazate	ND	10	100	5.30	28.2	Bifenthrin	ND	10	100	4.39	14.1
Boscalid	ND	10	100	16.4	56.3	Carbaryl	ND	10	500	8.79	28.2
Carbofuran	ND	10	100	4.17	14.1	Chlorantraniliprole	ND	10	1000	9.01	141
Chlormequat chloride	ND	10	1000	3.49	56.3	Chlorpyrifos	ND	10	100	4.73	28.2
Clofentezine	ND	10	200	5.52	28.2	Coumaphos	ND	10	100	7.66	28.2
Cyfluthrin	ND	10	500	43.3	141	Cypermethrin	ND	10	500	10.8	141
Daminozide	ND	10	100	8.79	56.3	Diazinon	ND	10	100	3.04	14.1
Dichlorvos	ND	10	100	11.3	56.3	Dimethoate	ND	10	100	1.24	14.1
Dimethomorph, Total	ND	10	200	3.49	56.3	Ethoprophos	ND	10	100	5.97	14.1
Etofenprox	ND	10	100	4.62	28.2	Etoxazole	ND	10	100	4.17	28.2
Fenhexamid	ND	10	100	5.52	56.3	Fenoxycarb	ND	10	100	5.07	28.2
Fenpyroximate	ND	10	100	2.48	14.1	Fipronil	ND	10	100	13.4	56.3
Flonicamid	ND	10	100	4.73	28.2	Fludioxonil	ND	10	100	9.91	56.3
Hexythiazox	ND	10	100	3.49	14.1	Imazalil	ND	10	100	5.97	56.3
Imidacloprid	ND	10	400	5.07	28.2	Kresoxim-Methyl	ND	10	100	5.07	28.2
Malathion	ND	10	200	16.4	56.3	Metalaxyl	ND	10	100	5.63	14.1
Methiocarb	ND	10	100	10.3	28.2	Methomyl	ND	10	100	2.25	14.1
Mevinphos	ND	10	100	5.97	28.2	Myclobutanil	ND	10	100	8.00	28.2
Dibrom (Naled)	ND	10	250	10.8	56.3	Oxamyl	ND	10	250	2.37	14.1
Paclobutrazol	ND	10	100	8.34	28.2	Permethrin	ND	10	100	4.51	28.2
Phosmet	ND	10	100	5.07	28.2	Piperonyl butoxide	ND	10	3000	22.5	56.3
Prallethrin	ND	10	100	6.53	28.2	Propiconazole (Tilt)	ND	10	100	5.07	56.3
Baygon (Propoxur)	ND	10	100	3.38	14.1	Pyrethrins, Total	ND	10	500	6.08	56.3
Pyridaben	ND	10	200	1.80	14.1	Spinetoram, Total	ND	10	200	3.72	56.3
Spiromesifen	ND	10	100	4.06	14.1	Spirotetramat	ND	10	100	4.96	28.2
Spiroxamine	ND	10	100	2.82	14.1	Tebuconazole	ND	10	100	4.39	28.2
Thiacloprid	ND	10	100	1.80	28.2	Thiamethoxam	ND	10	500	2.48	28.2
Trifloxystrobin	ND	10	100	4.62	14.1	Spinosad, Total	ND	10	100	4.96	40.8

Pesticides by GC-QQQ

Batch: B5G2327
 SOP: MCS-SOP-001a

Prep By: 1030
 Prep On: 7/24/25 10:00

Ana. By: 1039
 Ana. On: 7/24/25 16:36

Initial (g): 1.003
 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	9.65	28.2	Methyl parathion	ND	5	100	4.82	28.2
Captan	ND	5	700	13.9	28.2	Chlordane, Total	ND	5	100	11.0	28.2
Chlorfenapyr	ND	5	100	12.3	28.2						

Mycotoxins by LC-QQQ

Batch: B5G2327
 SOP: MCS-SOP-001b

Prep By: 1030
 Prep On: 7/24/25 10:00

Ana. By: 1056
 Ana. On: 7/24/25 17:08

Initial (g): 1.003
 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	9.97	9.97	Ochratoxin A	ND	10	20	2.51	9.97
Aflatoxin G2	ND	10	20	7.45	9.97	Aflatoxin G1	ND	10	20	3.23	9.97
Aflatoxin B2	ND	10	20	3.87	9.97	Aflatoxin B1	ND	10	20	2.93	9.97

2186052089423852

Sample Matrix: Whole Flower
Cultivar: SD Plum Popperz
Product Name: SD CANNABIS FLOWER

Lab ID: JG23017-01
Received: 07/23/25 15:07
Completed: 07/25/25 18:31

Total Metals by ICP-MS

Batch: B5G2331
SOP: MCS-SOP-I01

Prep By: 1029
Prep On: 7/24/25 09:57

Ana. By: 1005
Ana. On: 7/24/25 14:11

Initial (g): 0.2517
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	22.4	112	Cadmium	ND	1	200	22.4	112
Lead	ND	1	500	56.1	281	Mercury	ND	1	200	22.4	56.1

Microbials by qPCR

Batch: B5G2306
SOP: MCS-SOP-M01

Prep By: 1058
Prep On: 7/23/25 16:39

Ana. By: 1058
Ana. On: 7/24/25 18:03

Initial (g): 1.0044
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: B5G2307
SOP: MCS-SOP-M01

Prep By: 1005
Prep On: 7/24/25 11:05

Ana. By: 1005
Ana. On: 7/24/25 12:36

Initial (g): 1.0001
Final (g): 20

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