



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 09/11/2025
Batch Size: 1262 g
Batch Unit Size: 1 g
Units Sampled: 26
Total Amt. Sampled: 26 g
Seed to Sale ID: 7774656160260580
QA Sample ID: 1809879561313894

7774656160260580



Laboratory ID: JI12010-03
Sample Matrix: Preroll
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Gemz
Product Name: PRE-ROLL
Description: 2 X 0.5G
Sample Date: 09/12/25
Received: 09/12/25 15:21
Completed: 09/16/25 17:26

POTENCY SUMMARY (As Received)

Total CBD
0.0934% (0.934 mg)

Total THC
25.2% (252 mg)

Total Cannabinoids
29.5% (295 mg)

Analyte	%	mg
THCa	28.0	280
delta 9-THC	0.632	6.32
CBGa	0.602	6.02
CBG	0.134	1.34
CBDa	0.107	1.07
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
1.62%

Analyte	%
beta-Caryophyllene	0.359
Linalool	0.259
d-Limonene	0.176
alpha-Humulene	0.112
Ocimene, Total	0.0906
Fenchyl Alcohol	0.0864
alpha-Terpineol	0.0757
trans-Nerolidol	0.0716
alpha-Bisabolol	0.0677
Caryophyllene oxide	0.0522

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

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Richard Dillen

Laboratory Director



Accreditation #102020



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Sample Matrix: Preroll
 Cultivar: Gemz
 Product Name: PRE-ROLL

Lab ID: J112010-03
 Received: 09/12/25 15:21
 Completed: 09/16/25 17:26

Potency by HPLC

Batch: B511232
 SOP: MCS-SOP-002

Prep By: 1044
 Prep On: 9/13/25 15:30

Ana. By: 1057
 Ana. On: 9/15/25 20:43

Initial (g): 0.2005
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	25.2	100	0.0319	0.468	Total CBD	0.0934	1	0.000489	0.00468
delta 8-THC	ND	1	0.000160	0.00249	delta 9-THC	0.632	100	0.0170	0.249
THCa	28.0	100	0.0170	0.249	THCV	ND	1	0.000359	0.00249
CBD	ND	1	0.000329	0.00249	CBDa	0.107	1	0.000200	0.00249
CBDV	ND	1	0.000219	0.00249	CBC	ND	1	0.000748	0.00249
CBG	0.134	1	0.000160	0.00249	CBGa	0.602	100	0.0160	0.249
CBN	ND	1	0.000190	0.00249					

Terpene Screen by GC/MS

Batch: B511236
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 9/15/25 09:29

Ana. By: 1062
 Ana. On: 9/15/25 19:34

Initial (g): 0.1018
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0230	1	0.00491	0.00982	Camphene	ND	1	0.00491	0.00982
beta-Pinene	0.0216	1	0.00491	0.00982	3-Carene	ND	1	0.00491	0.00982
alpha-Terpinene	ND	1	0.00491	0.00982	Camphor	ND	1	0.00491	0.00982
d-Limonene	0.176	1	0.00491	0.00982	1,8-Cineole (Eucalyptol)	ND	1	0.00491	0.00982
gamma-Terpinene	ND	1	0.00491	0.00982	Terpinolene	0.0196	1	0.00491	0.00982
Isopulegol	0.0520	1	0.00491	0.00982	Linalool	0.259	1	0.00491	0.00982
Geraniol	0.0374	1	0.00491	0.00982	beta-Caryophyllene	0.359	1	0.00491	0.00982
alpha-Humulene	0.112	1	0.00491	0.00982	cis-Nerolidol	ND	1	0.00491	0.00982
Caryophyllene oxide	0.0522	1	0.00491	0.00982	(+/-)-Fenchone	ND	1	0.00491	0.00982
(+/-)-Borneol	0.0171	1	0.00491	0.00982	(+)-Pulegone	ND	1	0.00491	0.00982
Cedrol	ND	1	0.00491	0.00982	Geranyl Acetate	ND	1	0.00491	0.00982
alpha-Bisabolol	0.0677	1	0.00491	0.00982	alpha-Phellandrene	ND	1	0.00491	0.00982
alpha-Terpineol	0.0757	1	0.00491	0.00982	Nerol	ND	1	0.00491	0.00982
Sabinene	0.0102	1	0.00491	0.00982	Valencene	ND	1	0.00491	0.00982
beta-Myrcene	0.0460	1	0.00491	0.00982	Sabinene Hydrate	0.00606	1	0.00491	0.00982
alpha-Cedrene	ND	1	0.00491	0.00982	Fenchyl Alcohol	0.0864	1	0.00491	0.00982
Guaiol	0.0377	1	0.00491	0.00982	trans-Nerolidol	0.0716	1	0.00491	0.00982
Isoborneol	ND	1	0.00491	0.00982	Ocimene, Total	0.0906	1	0.00491	0.00982
gamma-Terpineol	ND	1	0.00491	0.00982	Menthol	ND	1	0.00491	0.00982

Moisture by Moisture Balance

Batch: B511239
 SOP: MCS-SOP-G02

Prep By: 1055
 Prep On: 9/15/25 14:15

Ana. By: 1055
 Ana. On: 9/15/25 15:18

Initial (g): 0.508
 Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	9.84	1	15

Water Activity by REH

Batch: B511238
 SOP: MCS-SOP-G03

Prep By: 1054
 Prep On: 9/15/25 10:59

Ana. By: 1048
 Ana. On: 9/16/25 10:25

Initial (g): 0.1032
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.49	1	0.65	0.040	0.040

Foreign Matter

Batch: B511231
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 9/12/25 17:00

Ana. By: 1048
 Ana. On: 9/12/25 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

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Sample Matrix: Preroll
Cultivar: Gemz
Product Name: PRE-ROLL

Lab ID: J112010-03
Received: 09/12/25 15:21
Completed: 09/16/25 17:26

Pesticides by LC-QQQ

Batch: B511235
SOP: MCS-SOP-001b

Prep By: 1030
Prep On: 9/15/25 10:49

Ana. By: 1056
Ana. On: 9/15/25 18:55

Initial (g): 1.0017
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	9.97	55.4	Acephate	ND	10	100	6.86	27.7
Acequinocyl	ND	10	100	4.10	55.4	Acetamiprid	ND	10	100	3.54	27.7
Aldicarb	ND	10	100	10.4	27.7	Azoxystrobin	ND	10	100	5.09	13.8
Bifenazate	ND	10	100	5.20	27.7	Bifenthrin	ND	10	100	4.32	13.8
Boscalid	ND	10	100	16.2	55.4	Carbaryl	ND	10	500	8.64	27.7
Carbofuran	ND	10	100	4.10	13.8	Chlorantraniliprole	ND	10	1000	8.86	138
Chlormequat chloride	ND	10	1000	3.43	55.4	Chlorpyrifos	ND	10	100	4.65	27.7
Clofentezine	ND	10	200	5.43	27.7	Coumaphos	ND	10	100	7.53	27.7
Cyfluthrin	ND	10	500	42.5	138	Cypermethrin	ND	10	500	10.6	138
Daminozide	ND	10	100	8.64	55.4	Diazinon	ND	10	100	2.99	13.8
Dichlorvos	ND	10	100	11.1	55.4	Dimethoate	ND	10	100	1.22	13.8
Dimethomorph, Total	ND	10	200	3.43	55.4	Ethoprophos	ND	10	100	5.87	13.8
Etofenprox	ND	10	100	4.54	27.7	Etoazole	ND	10	100	4.10	27.7
Fenhexamid	ND	10	100	5.43	55.4	Fenoxycarb	ND	10	100	4.98	27.7
Fenpyroximate	ND	10	100	2.44	13.8	Fipronil	ND	10	100	13.2	55.4
Flonicamid	ND	10	100	4.65	27.7	Fludioxonil	ND	10	100	9.74	55.4
Hexythiazox	ND	10	100	3.43	13.8	Imazalil	ND	10	100	5.87	55.4
Imidacloprid	ND	10	400	4.98	27.7	Kresoxim-Methyl	ND	10	100	4.98	27.7
Malathion	ND	10	200	16.2	55.4	Metalaxyl	ND	10	100	5.54	13.8
Methiocarb	ND	10	100	10.1	27.7	Methomyl	ND	10	100	2.21	13.8
Mevinphos	ND	10	100	5.87	27.7	Myclobutanil	ND	10	100	7.86	27.7
Dibrom (Naled)	ND	10	250	10.6	55.4	Oxamyl	ND	10	250	2.33	13.8
Paclobutrazol	ND	10	100	8.19	27.7	Permethrin	ND	10	100	4.43	27.7
Phosmet	ND	10	100	4.98	27.7	Piperonyl butoxide	ND	10	3000	22.1	55.4
Prallethrin	ND	10	100	6.42	27.7	Propiconazole (Tilt)	ND	10	100	4.98	55.4
Baygon (Propoxur)	ND	10	100	3.32	13.8	Pyrethrins, Total	ND	10	500	5.98	55.4
Pyridaben	ND	10	200	1.77	13.8	Spinetoram, Total	ND	10	200	3.65	55.4
Spiromesifen	ND	10	100	3.99	13.8	Spirotetramat	ND	10	100	4.87	27.7
Spiroxamine	ND	10	100	2.77	13.8	Tebuconazole	ND	10	100	4.32	27.7
Thiacloprid	ND	10	100	1.77	27.7	Thiamethoxam	ND	10	500	2.44	27.7
Trifloxystrobin	ND	10	100	4.54	13.8	Spinosad, Total	ND	10	100	4.87	40.1

Pesticides by GC-QQQ

Batch: B511235
SOP: MCS-SOP-001a

Prep By: 1030
Prep On: 9/15/25 10:49

Ana. By: 1056
Ana. On: 9/15/25 21:10

Initial (g): 1.0017
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	9.48	27.7	Methyl parathion	ND	5	100	4.73	27.7
Captan	ND	5	700	13.6	27.7	Chlordane, Total	ND	5	100	10.8	27.7
Chlorfenapyr	ND	5	100	12.1	27.7						

Mycotoxins by LC-QQQ

Batch: B511235
SOP: MCS-SOP-001b

Prep By: 1030
Prep On: 9/15/25 10:49

Ana. By: 1056
Ana. On: 9/16/25 02:11

Initial (g): 1.0017
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	2.94	9.98



CMTL-0005

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Sample Matrix: Preroll
 Cultivar: Gemz
 Product Name: PRE-ROLL

Lab ID: J112010-03
 Received: 09/12/25 15:21
 Completed: 09/16/25 17:26

Total Metals by ICP-MS

Batch: B511237
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 9/15/25 09:53

Ana. By: 1028
 Ana. On: 9/15/25 13:10

Initial (g): 0.2544
 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	21.8	109	Cadmium	ND	1	200	21.8	109
Lead	ND	1	500	54.5	272	Mercury	ND	1	200	21.8	54.5

Microbials by qPCR

Batch: B511216
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 9/13/25 11:49

Ana. By: 1053
 Ana. On: 9/14/25 14:29

Initial (g): 1.003
 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: B511217
 SOP: MCS-SOP-M01

Prep By: 1005
 Prep On: 9/13/25 09:50

Ana. By: 1053
 Ana. On: 9/13/25 11:52

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

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