



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 12/02/2025
Batch Size: 4795 g
Batch Unit Size: 7 g
Units Sampled: 5
Total Amt. Sampled: 35 g
Seed to Sale ID: 9623404480936928
QA Sample ID: 0518189145260508

9623404480936928



Laboratory ID: JL03008-02
Sample Matrix: Juniors
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Ethanol #33
Product Name: FLOWER JUNIORS
Description: 7G
Sample Date: 12/03/25
Received: 12/03/25 15:17
Completed: 12/05/25 17:44

POTENCY SUMMARY (As Received)

Total CBD
0.0770% (5.39 mg)

Total THC
30.4% (2,130 mg)

Total Cannabinoids
35.0% (2,450 mg)

Analyte	%	mg
THCa	33.6	2,350
delta 9-THC	0.916	64.1
CBGa	0.306	21.4
CBG	0.113	7.91
CBDa	0.0879	6.15
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
3.47%

Analyte	%
d-Limonene	1.38
beta-Caryophyllene	0.364
alpha-Pinene	0.287
beta-Myrcene	0.225
Linalool	0.204
beta-Pinene	0.197
alpha-Humulene	0.152
Ocimene, Total	0.132
Fenchyl Alcohol	0.130
alpha-Terpineol	0.0988

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

9623404480936928

Sample Matrix: Juniors
 Cultivar: Ethanol #33
 Product Name: FLOWER JUNIORS

Lab ID: JL03008-02
 Received: 12/03/25 15:17
 Completed: 12/05/25 17:44

Potency by HPLC

Batch: B5L0309
 SOP: MCS-SOP-002

Prep By: 1005
 Prep On: 12/3/25 17:49

Ana. By: 1005
 Ana. On: 12/4/25 20:18

Initial (g): 0.2035
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	30.4	100	0.0314	0.461	Total CBD	0.0770	1	0.000482	0.00461
delta 8-THC	ND	1	0.000157	0.00246	delta 9-THC	0.916	100	0.0167	0.246
THCa	33.6	100	0.0167	0.246	THCV	ND	1	0.000354	0.00246
CBD	ND	1	0.000324	0.00246	CBDa	0.0879	1	0.000197	0.00246
CBDV	ND	1	0.000216	0.00246	CBC	ND	1	0.000737	0.00246
CBG	0.113	1	0.000157	0.00246	CBGa	0.306	1	0.000157	0.00246
CBN	ND	1	0.000187	0.00246					

Terpene Screen by GC/MS

Batch: B5L0314
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 12/4/25 10:16

Ana. By: 1005
 Ana. On: 12/4/25 14:27

Initial (g): 0.1002
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.287	1	0.00499	0.00998	Camphene	0.0367	1	0.00499	0.00998
beta-Pinene	0.197	1	0.00499	0.00998	3-Carene	ND	1	0.00499	0.00998
alpha-Terpinene	ND	1	0.00499	0.00998	Camphor	ND	1	0.00499	0.00998
d-Limonene	1.38	1	0.00499	0.00998	1,8-Cineole (Eucalyptol)	ND	1	0.00499	0.00998
gamma-Terpinene	ND	1	0.00499	0.00998	Terpinolene	0.0149	1	0.00499	0.00998
Isopulegol	0.0430	1	0.00499	0.00998	Linalool	0.204	1	0.00499	0.00998
Geraniol	ND	1	0.00499	0.00998	beta-Caryophyllene	0.364	1	0.00499	0.00998
alpha-Humulene	0.152	1	0.00499	0.00998	cis-Nerolidol	ND	1	0.00499	0.00998
Caryophyllene oxide	ND	1	0.00499	0.00998	(+/-)-Fenchone	0.0128	1	0.00499	0.00998
(+/-)-Borneol	0.0497	1	0.00499	0.00998	(+)-Pulegone	ND	1	0.00499	0.00998
Cedrol	ND	1	0.00499	0.00998	Geranyl Acetate	ND	1	0.00499	0.00998
alpha-Bisabolol	0.0558	1	0.00499	0.00998	alpha-Phellandrene	ND	1	0.00499	0.00998
alpha-Terpineol	0.0988	1	0.00499	0.00998	Nerol	ND	1	0.00499	0.00998
Sabinene	ND	1	0.00499	0.00998	Valencene	ND	1	0.00499	0.00998
beta-Myrcene	0.225	1	0.00499	0.00998	Sabinene Hydrate	ND	1	0.00499	0.00998
alpha-Cedrene	ND	1	0.00499	0.00998	Fenchyl Alcohol	0.130	1	0.00499	0.00998
Guaiol	ND	1	0.00499	0.00998	trans-Nerolidol	0.0839	1	0.00499	0.00998
Isoborneol	ND	1	0.00499	0.00998	Ocimene, Total	0.132	1	0.00499	0.00998
gamma-Terpineol	ND	1	0.00499	0.00998	Menthol	ND	1	0.00499	0.00998

Moisture by Moisture Balance

Batch: B5L0321
 SOP: MCS-SOP-G02

Prep By: 1005
 Prep On: 12/4/25 09:03

Ana. By: 1005
 Ana. On: 12/4/25 09:20

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

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	14.2	1	15

Water Activity by REH

Batch: B5L0319
 SOP: MCS-SOP-G03

Prep By: 1054
 Prep On: 12/4/25 09:53

Ana. By: 1005
 Ana. On: 12/4/25 15:10

Initial (g): 0.1038
 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: B5L0320
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 12/3/25 16:00

Ana. By: 1048
 Ana. On: 12/3/25 16:20

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

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



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

Richard Dillen
 Richard Dillen
 Laboratory Director



Accreditation #102020



9623404480936928

Sample Matrix: Juniors
 Cultivar: Ethanol #33
 Product Name: FLOWER JUNIORS

Lab ID: JL03008-02
 Received: 12/03/25 15:17
 Completed: 12/05/25 17:44

Pesticides by LC-QQQ

Batch: B5L0312
 SOP: MCS-SOP-001b

Prep By: 1005
 Prep On: 12/4/25 09:17

Ana. By: 1056
 Ana. On: 12/5/25 00:40

Initial (g): 1.0023
 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	10.5	116	Acephate	ND	10	100	7.21	116
Acequinocyl	ND	10	100	4.30	116	Acetamiprid	ND	10	100	3.72	116
Aldicarb	ND	10	100	10.9	116	Azoxystrobin	ND	10	100	5.35	116
Bifenazate	ND	10	100	5.47	116	Bifenthrin	ND	10	100	4.54	116
Boscalid	ND	10	100	17.0	116	Carbaryl	ND	10	500	9.07	581
Carbofuran	ND	10	100	4.30	116	Chlorantraniliprole	ND	10	1000	9.30	1160
Chlormequat chloride	ND	10	1000	3.60	1160	Chlorpyrifos	ND	10	100	4.88	116
Clofentezine	ND	10	200	5.70	233	Coumaphos	ND	10	100	7.91	116
Cyfluthrin	ND	10	500	44.7	581	Cypermethrin	ND	10	500	11.2	581
Daminozide	ND	10	100	9.07	116	Diazinon	ND	10	100	3.14	116
Dichlorvos	ND	10	100	11.6	116	Dimethoate	ND	10	100	1.28	116
Dimethomorph, Total	ND	10	200	3.60	233	Ethoprophos	ND	10	100	6.16	116
Etofenprox	ND	10	100	4.77	116	Etoazole	ND	10	100	4.30	116
Fenhexamid	ND	10	100	5.70	116	Fenoxycarb	ND	10	100	5.23	116
Fenpyroximate	ND	10	100	2.56	116	Fipronil	ND	10	100	13.8	116
Flonicamid	ND	10	100	4.88	116	Fludioxonil	ND	10	100	10.2	116
Hexythiazox	ND	10	100	3.60	116	Imazalil	ND	10	100	6.16	116
Imidacloprid	ND	10	400	5.23	465	Kresoxim-Methyl	ND	10	100	5.23	116
Malathion	ND	10	200	17.0	233	Metalaxyl	ND	10	100	5.81	116
Methiocarb	ND	10	100	10.6	116	Methomyl	ND	10	100	2.33	116
Mevinphos	ND	10	100	6.16	116	Myclobutanil	ND	10	100	8.26	116
Dibrom (Naled)	ND	10	250	11.2	291	Oxamyl	ND	10	250	2.44	291
Paclobutrazol	ND	10	100	8.60	116	Permethrin	ND	10	100	4.65	116
Phosmet	ND	10	100	5.23	116	Piperonyl butoxide	ND	10	3000	23.3	3490
Prallethrin	ND	10	100	6.74	116	Propiconazole (Tilt)	ND	10	100	5.23	116
Baygon (Propoxur)	ND	10	100	3.49	116	Pyrethrins, Total	ND	10	500	6.28	116
Pyridaben	ND	10	200	1.86	233	Spinetoram, Total	ND	10	200	3.84	116
Spiromesifen	ND	10	100	4.19	116	Spirotetramat	ND	10	100	5.12	116
Spiroxamine	ND	10	100	2.91	116	Tebuconazole	ND	10	100	4.54	116
Thiacloprid	ND	10	100	1.86	116	Thiamethoxam	ND	10	500	2.56	581
Trifloxystrobin	ND	10	100	4.77	116	Spinosad, Total	ND	10	100	5.12	116

Pesticides by GC-QQQ

Batch: B5L0312
 SOP: MCS-SOP-001a

Prep By: 1005
 Prep On: 12/4/25 09:17

Ana. By: 1056
 Ana. On: 12/4/25 19:07

Initial (g): 1.0023
 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	9.96	87.2	Methyl parathion	ND	5	100	4.97	58.1
Captan	ND	5	700	14.3	407	Chlordane, Total	ND	5	100	11.3	58.1
Chlorfenapyr	ND	5	100	12.7	58.1						

Mycotoxins by LC-QQQ

Batch: B5L0312
 SOP: MCS-SOP-001b

Prep By: 1005
 Prep On: 12/4/25 09:17

Ana. By: 1056
 Ana. On: 12/4/25 17:23

Initial (g): 1.0023
 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	2.51	9.98
Aflatoxin G2	ND	10	20	7.45	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

9623404480936928

Sample Matrix: Juniors
 Cultivar: Ethanol #33
 Product Name: FLOWER JUNIORS

Lab ID: JL03008-02
 Received: 12/03/25 15:17
 Completed: 12/05/25 17:44

Total Metals by ICP-MS

Batch: B5L0317
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 12/4/25 09:59

Ana. By: 1028
 Ana. On: 12/4/25 14:33

Initial (g): 0.2552
 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	22.8	114	Cadmium	ND	1	200	22.8	114
Lead	ND	1	500	57.1	285	Mercury	ND	1	200	22.8	57.1

Microbials by qPCR

Batch: B5L0335
 SOP: MCS-SOP-M01

Prep By: 1058
 Prep On: 12/4/25 08:05

Ana. By: 1053
 Ana. On: 12/5/25 10:35

Initial (g): 1.0031
 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: B5L0336
 SOP: MCS-SOP-M01

Prep By: 1005
 Prep On: 12/4/25 08:39

Ana. By: 1058
 Ana. On: 12/4/25 10:37

Initial (g): 1.0007
 Final (g): 19

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