



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 11/06/2025
Batch Size: 1896 g
Batch Unit Size: 2 g
Units Sampled: 14
Total Amt. Sampled: 28 g
Seed to Sale ID: 0354274258937502
QA Sample ID: 8227099680975982

0354274258937502



Laboratory ID: JK07013-01
Sample Matrix: Preroll
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Preferred: Lights Out
Product Name: PREFERRED GARDENS HAND-ROLL
Description: 1 X 2G
Sample Date: 11/07/25
Received: 11/07/25 14:56
Completed: 11/11/25 15:43

POTENCY SUMMARY (As Received)

Total CBD
0.0864% (1.73 mg)

Total THC
28.4% (568 mg)

Total Cannabinoids
33.0% (660 mg)

Analyte	%	mg
THCa	31.1	622
delta 9-THC	1.11	22.2
CBGa	0.519	10.4
CBG	0.163	3.26
CBDa	0.0934	1.87
THCV	0.0115	0.230
CBD	0.00444	0.0888
CBC	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Total Terpenes
1.89%

Analyte	%
Linalool	0.364
d-Limonene	0.360
beta-Caryophyllene	0.300
Fenchyl Alcohol	0.110
alpha-Humulene	0.0955
alpha-Terpineol	0.0943
trans-Nerolidol	0.0800
beta-Myrcene	0.0768
Isopulegol	0.0748
alpha-Bisabolol	0.0561

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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Lab ID: JK07013-01
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Potency by HPLC

Batch: B5K0716
 SOP: MCS-SOP-002

Prep By: 1044
 Prep On: 11/10/25 09:43

Ana. By: 1057
 Ana. On: 11/10/25 22:45

Initial (g): 0.2008
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	28.4	100	0.0319	0.467	Total CBD	0.0864	1	0.000488	0.00467
delta 8-THC	ND	1	0.000159	0.00249	delta 9-THC	1.11	100	0.0169	0.249
THCa	31.1	100	0.0169	0.249	THCV	0.0115	1	0.000359	0.00249
CBD	0.00444	1	0.000329	0.00249	CBDa	0.0934	1	0.000199	0.00249
CBDV	ND	1	0.000219	0.00249	CBC	ND	1	0.000747	0.00249
CBG	0.163	1	0.000159	0.00249	CBGa	0.519	100	0.0159	0.249
CBN	ND	1	0.000189	0.00249					

Terpene Screen by GC/MS

Batch: B5K0723
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 11/10/25 12:16

Ana. By: 1005
 Ana. On: 11/10/25 20:59

Initial (g): 0.1028
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0263	1	0.00486	0.00973	Camphene	0.00801	1	0.00486	0.00973
beta-Pinene	0.0382	1	0.00486	0.00973	3-Carene	ND	1	0.00486	0.00973
alpha-Terpinene	ND	1	0.00486	0.00973	Camphor	ND	1	0.00486	0.00973
d-Limonene	0.360	1	0.00486	0.00973	1,8-Cineole (Eucalyptol)	ND	1	0.00486	0.00973
gamma-Terpinene	0.00588	1	0.00486	0.00973	Terpinolene	0.0228	1	0.00486	0.00973
Isopulegol	0.0748	1	0.00486	0.00973	Linalool	0.364	1	0.00486	0.00973
Geraniol	0.0474	1	0.00486	0.00973	beta-Caryophyllene	0.300	1	0.00486	0.00973
alpha-Humulene	0.0955	1	0.00486	0.00973	cis-Nerolidol	ND	1	0.00486	0.00973
Caryophyllene oxide	0.0523	1	0.00486	0.00973	(+/-)-Fenchone	ND	1	0.00486	0.00973
(+/-)-Borneol	0.0238	1	0.00486	0.00973	(+)-Pulegone	ND	1	0.00486	0.00973
Cedrol	ND	1	0.00486	0.00973	Geranyl Acetate	ND	1	0.00486	0.00973
alpha-Bisabolol	0.0561	1	0.00486	0.00973	alpha-Phellandrene	ND	1	0.00486	0.00973
alpha-Terpineol	0.0943	1	0.00486	0.00973	Nerol	ND	1	0.00486	0.00973
Sabinene	ND	1	0.00486	0.00973	Valencene	ND	1	0.00486	0.00973
beta-Myrcene	0.0768	1	0.00486	0.00973	Sabinene Hydrate	0.00721	1	0.00486	0.00973
alpha-Cedrene	ND	1	0.00486	0.00973	Fenchyl Alcohol	0.110	1	0.00486	0.00973
Guaiol	ND	1	0.00486	0.00973	trans-Nerolidol	0.0800	1	0.00486	0.00973
Isoborneol	ND	1	0.00486	0.00973	Ocimene, Total	0.0511	1	0.00486	0.00973
gamma-Terpineol	ND	1	0.00486	0.00973	Menthol	ND	1	0.00486	0.00973

Moisture by Moisture Balance

Batch: B5K0730
 SOP: MCS-SOP-G02

Prep By: 1051
 Prep On: 11/10/25 15:50

Ana. By: 1055
 Ana. On: 11/10/25 17:06

Initial (g): 0.529
 Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	10.6	1	15

Water Activity by REH

Batch: B5K0728
 SOP: MCS-SOP-G03

Prep By: 1005
 Prep On: 11/8/25 13:50

Ana. By: 1048
 Ana. On: 11/10/25 10:12

Initial (g): 0.104
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.46	1	0.65	0.040	0.040

Foreign Matter

Batch: B5K0729
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 11/7/25 16:45

Ana. By: 1048
 Ana. On: 11/7/25 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



CMTL-0005

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

Richard Dillen
 Laboratory Director



Accreditation #102020



0354274258937502

Sample Matrix: Preroll
 Cultivar: Preferred: Lights Out
 Product Name: PREFERRED GARDENS HAND-ROLL

Lab ID: JK07013-01
 Received: 11/07/25 14:56
 Completed: 11/11/25 15:43

Pesticides by LC-QQQ

Batch: B5K0720
 SOP: MCS-SOP-001b

Prep By: 1005
 Prep On: 11/10/25 11:03

Ana. By: 1056
 Ana. On: 11/11/25 01:47

Initial (g): 1.0014
 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	112	Acephate	ND	10	100	6.92	112
Acequinocyl	ND	10	100	4.13	112	Acetamiprid	ND	10	100	3.57	112
Aldicarb	ND	10	100	10.5	112	Azoxystrobin	ND	10	100	5.14	112
Bifenazate	ND	10	100	5.25	112	Bifenthrin	ND	10	100	4.36	112
Boscalid	ND	10	100	16.3	112	Carbaryl	ND	10	500	8.71	558
Carbofuran	ND	10	100	4.13	112	Chlorantraniliprole	ND	10	1000	8.94	1120
Chlormequat chloride	ND	10	1000	3.46	1120	Chlorpyrifos	ND	10	100	4.69	112
Clofentezine	ND	10	200	5.47	223	Coumaphos	ND	10	100	7.59	112
Cyfluthrin	ND	10	500	42.9	558	Cypermethrin	ND	10	500	10.7	558
Daminozide	ND	10	100	8.71	112	Diazinon	ND	10	100	3.02	112
Dichlorvos	ND	10	100	11.2	112	Dimethoate	ND	10	100	1.23	112
Dimethomorph, Total	ND	10	200	3.46	223	Ethoprophos	ND	10	100	5.92	112
Etofenprox	ND	10	100	4.58	112	Etoxazole	ND	10	100	4.13	112
Fenhexamid	ND	10	100	5.47	112	Fenoxycarb	ND	10	100	5.03	112
Fenpyroximate	ND	10	100	2.46	112	Fipronil	ND	10	100	13.3	112
Flonicamid	ND	10	100	4.69	112	Fludioxonil	ND	10	100	9.83	112
Hexythiazox	ND	10	100	3.46	112	Imazalil	ND	10	100	5.92	112
Imidacloprid	ND	10	400	5.03	447	Kresoxim-Methyl	ND	10	100	5.03	112
Malathion	ND	10	200	16.3	223	Metalaxyl	ND	10	100	5.58	112
Methiocarb	ND	10	100	10.2	112	Methomyl	ND	10	100	2.23	112
Mevinphos	ND	10	100	5.92	112	Myclobutanil	ND	10	100	7.93	112
Dibrom (Naled)	ND	10	250	10.7	279	Oxamyl	ND	10	250	2.35	279
Paclobutrazol	ND	10	100	8.26	112	Permethrin	ND	10	100	4.47	112
Phosmet	ND	10	100	5.03	112	Piperonyl butoxide	ND	10	3000	22.3	3350
Prallethrin	ND	10	100	6.48	112	Propiconazole (Tilt)	ND	10	100	5.03	112
Baygon (Propoxur)	ND	10	100	3.35	112	Pyrethrins, Total	ND	10	500	6.03	112
Pyridaben	ND	10	200	1.79	223	Spinetoram, Total	ND	10	200	3.69	112
Spiromesifen	ND	10	100	4.02	112	Spirotetramat	ND	10	100	4.91	112
Spiroxamine	ND	10	100	2.79	112	Tebuconazole	ND	10	100	4.36	112
Thiacloprid	ND	10	100	1.79	112	Thiamethoxam	ND	10	500	2.46	558
Trifloxystrobin	ND	10	100	4.58	112	Spinosad, Total	ND	10	100	4.91	112

Pesticides by GC-QQQ

Batch: B5K0720
 SOP: MCS-SOP-001a

Prep By: 1005
 Prep On: 11/10/25 11:03

Ana. By: 1056
 Ana. On: 11/11/25 06:45

Initial (g): 1.0014
 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	9.56	83.8	Methyl parathion	ND	5	100	4.77	55.8
Captan	ND	5	700	13.8	391	Chlordane, Total	ND	5	100	10.9	55.8
Chlorfenapyr	ND	5	100	12.2	55.8						

Mycotoxins by LC-QQQ

Batch: B5K0720
 SOP: MCS-SOP-001b

Prep By: 1005
 Prep On: 11/10/25 11:03

Ana. By: 1056
 Ana. On: 11/11/25 08:10

Initial (g): 1.0014
 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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Lab ID: JK07013-01
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 Completed: 11/11/25 15:43

Total Metals by ICP-MS

Batch: B5K0726
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 11/10/25 10:15

Ana. By: 1028
 Ana. On: 11/10/25 16:12

Initial (g): 0.2509
 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	22.3	111	Cadmium	ND	1	200	22.3	111
Lead	ND	1	500	55.7	279	Mercury	ND	1	200	22.3	55.7

Microbials by qPCR

Batch: B5K0736
 SOP: MCS-SOP-M01

Prep By: 1053
 Prep On: 11/8/25 11:58

Ana. By: 1053
 Ana. On: 11/9/25 14:58

Initial (g): 1.0001
 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: B5K0737
 SOP: MCS-SOP-M01

Prep By: 1005
 Prep On: 11/8/25 08:30

Ana. By: 1053
 Ana. On: 11/8/25 10:52

Initial (g): 1.0001
 Final (g): 19

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