



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 11/19/2025
Batch Size: 1906 g
Batch Unit Size: 2 g
Units Sampled: 14
Total Amt. Sampled: 28 g
Seed to Sale ID: 5064764793045530
QA Sample ID: 5723993245690913

5064764793045530



Laboratory ID: JK19014-05
Sample Matrix: Preroll
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Hawaiian Runtz #8
Product Name: FLOWERY HANDROLL
Description: 1 X 2G
Sample Date: 11/19/25
Received: 11/19/25 15:26
Completed: 11/21/25 16:28

POTENCY SUMMARY (As Received)

Total CBD Total THC Total Cannabinoids
0.0994% (1.99 mg) **34.3% (686 mg)** **40.1% (802 mg)**

Analyte	%	mg
THCa	38.4	768
CBGa	0.755	15.1
delta 9-THC	0.658	13.2
CBG	0.150	3.00
CBDA	0.113	2.26
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
2.22%

Analyte	%
d-Limonene	0.495
beta-Caryophyllene	0.416
Linalool	0.320
alpha-Humulene	0.124
beta-Myrcene	0.120
Fenchyl Alcohol	0.113
alpha-Terpineol	0.0865
trans-Nerolidol	0.0803
Isopulegol	0.0782
alpha-Bisabolol	0.0532

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: Hawaiian Runtz #8
 Product Name: FLOWERY HANDROLL

Lab ID: JK19014-05
 Received: 11/19/25 15:26
 Completed: 11/21/25 16:28

Potency by HPLC

Batch: B5K1920
 SOP: MCS-SOP-002

Prep By: 1005
 Prep On: 11/19/25 16:43

Ana. By: 1005
 Ana. On: 11/20/25 20:48

Initial (g): 0.2027
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	34.3	100	0.0316	0.463	Total CBD	0.0994	1	0.000483	0.00463
delta 8-THC	ND	1	0.000158	0.00247	delta 9-THC	0.658	100	0.0168	0.247
THCa	38.4	100	0.0168	0.247	THCV	ND	1	0.000355	0.00247
CBD	ND	1	0.000326	0.00247	CBDa	0.113	1	0.000197	0.00247
CBDV	ND	1	0.000217	0.00247	CBC	ND	1	0.000740	0.00247
CBG	0.150	1	0.000158	0.00247	CBGa	0.755	100	0.0158	0.247
CBN	ND	1	0.000187	0.00247					

Terpene Screen by GC/MS

Batch: B5K1925
 SOP: MCS-SOP-004

Prep By: 1055
 Prep On: 11/20/25 09:46

Ana. By: 1005
 Ana. On: 11/20/25 21:28

Initial (g): 0.104
 Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0290	1	0.00481	0.00962	Camphene	0.00973	1	0.00481	0.00962
beta-Pinene	0.0515	1	0.00481	0.00962	3-Carene	ND	1	0.00481	0.00962
alpha-Terpinene	ND	1	0.00481	0.00962	Camphor	ND	1	0.00481	0.00962
d-Limonene	0.495	1	0.00481	0.00962	1,8-Cineole (Eucalyptol)	ND	1	0.00481	0.00962
gamma-Terpinene	ND	1	0.00481	0.00962	Terpinolene	0.0219	1	0.00481	0.00962
Isopulegol	0.0782	1	0.00481	0.00962	Linalool	0.320	1	0.00481	0.00962
Geraniol	0.0467	1	0.00481	0.00962	beta-Caryophyllene	0.416	1	0.00481	0.00962
alpha-Humulene	0.124	1	0.00481	0.00962	cis-Nerolidol	ND	1	0.00481	0.00962
Caryophyllene oxide	0.0461	1	0.00481	0.00962	(+/-)-Fenchone	ND	1	0.00481	0.00962
(+/-)-Borneol	0.0256	1	0.00481	0.00962	(+)-Pulegone	ND	1	0.00481	0.00962
Cedrol	ND	1	0.00481	0.00962	Geranyl Acetate	ND	1	0.00481	0.00962
alpha-Bisabolol	0.0532	1	0.00481	0.00962	alpha-Phellandrene	ND	1	0.00481	0.00962
alpha-Terpineol	0.0865	1	0.00481	0.00962	Nerol	ND	1	0.00481	0.00962
Sabinene	0.0135	1	0.00481	0.00962	Valencene	ND	1	0.00481	0.00962
beta-Myrcene	0.120	1	0.00481	0.00962	Sabinene Hydrate	0.00620	1	0.00481	0.00962
alpha-Cedrene	ND	1	0.00481	0.00962	Fenchyl Alcohol	0.113	1	0.00481	0.00962
Guaiol	0.0435	1	0.00481	0.00962	trans-Nerolidol	0.0803	1	0.00481	0.00962
Isoborneol	ND	1	0.00481	0.00962	Ocimene, Total	0.0360	1	0.00481	0.00962
gamma-Terpineol	ND	1	0.00481	0.00962	Menthol	ND	1	0.00481	0.00962

Moisture by Moisture Balance

Batch: B5K1931
 SOP: MCS-SOP-G02

Prep By: 1055
 Prep On: 11/20/25 10:35

Ana. By: 1055
 Ana. On: 11/20/25 11:55

Initial (g): 0.533
 Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	12.0	1	15

Water Activity by REH

Batch: B5K1929
 SOP: MCS-SOP-G03

Prep By: 1054
 Prep On: 11/20/25 10:24

Ana. By: 1048
 Ana. On: 11/20/25 16:58

Initial (g): 0.1022
 Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.43	1	0.65	0.040	0.040

Foreign Matter

Batch: B5K1930
 SOP: MCS-SOP-G01

Prep By: 1048
 Prep On: 11/19/25 16:15

Ana. By: 1048
 Ana. On: 11/19/25 16:30

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



5064764793045530

Sample Matrix: Preroll
 Cultivar: Hawaiian Runtz #8
 Product Name: FLOWERY HANDROLL

Lab ID: JK19014-05
 Received: 11/19/25 15:26
 Completed: 11/21/25 16:28

Pesticides by LC-QQQ

Batch: B5K1923
 SOP: MCS-SOP-001b

Prep By: 1005
 Prep On: 11/19/25 17:30

Ana. By: 1056
 Ana. On: 11/20/25 20:38

Initial (g): 1.004
 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	10.2	113	Acephate	ND	10	100	7.02	113
Acequinocyl	ND	10	100	4.19	113	Acetamiprid	ND	10	100	3.62	113
Aldicarb	ND	10	100	10.6	113	Azoxystrobin	ND	10	100	5.21	113
Bifenazate	ND	10	100	5.32	113	Bifenthrin	ND	10	100	4.41	113
Boscalid	ND	10	100	16.5	113	Carbaryl	ND	10	500	8.83	566
Carbofuran	ND	10	100	4.19	113	Chlorantraniliprole	ND	10	1000	9.05	1130
Chlormequat chloride	ND	10	1000	3.51	1130	Chlorpyrifos	ND	10	100	4.75	113
Clofentezine	ND	10	200	5.55	226	Coumaphos	ND	10	100	7.70	113
Cyfluthrin	ND	10	500	43.5	566	Cypermethrin	ND	10	500	10.9	566
Daminozide	ND	10	100	8.83	113	Diazinon	ND	10	100	3.06	113
Dichlorvos	ND	10	100	11.3	113	Dimethoate	ND	10	100	1.24	113
Dimethomorph, Total	ND	10	200	3.51	226	Ethoprophos	ND	10	100	6.00	113
Etofenprox	ND	10	100	4.64	113	Etoxazole	ND	10	100	4.19	113
Fenhexamid	ND	10	100	5.55	113	Fenoxycarb	ND	10	100	5.09	113
Fenpyroximate	ND	10	100	2.49	113	Fipronil	ND	10	100	13.5	113
Flonicamid	ND	10	100	4.75	113	Fludioxonil	ND	10	100	9.96	113
Hexythiazox	ND	10	100	3.51	113	Imazalil	ND	10	100	6.00	113
Imidacloprid	ND	10	400	5.09	453	Kresoxim-Methyl	ND	10	100	5.09	113
Malathion	ND	10	200	16.5	226	Metalaxyl	ND	10	100	5.66	113
Methiocarb	ND	10	100	10.3	113	Methomyl	ND	10	100	2.26	113
Mevinphos	ND	10	100	6.00	113	Myclobutanil	ND	10	100	8.04	113
Dibrom (Naled)	ND	10	250	10.9	283	Oxamyl	ND	10	250	2.38	283
Paclobutrazol	ND	10	100	8.37	113	Permethrin	ND	10	100	4.53	113
Phosmet	ND	10	100	5.09	113	Piperonyl butoxide	ND	10	3000	22.6	3400
Prallethrin	ND	10	100	6.56	113	Propiconazole (Tilt)	ND	10	100	5.09	113
Baygon (Propoxur)	ND	10	100	3.40	113	Pyrethrins, Total	ND	10	500	6.11	113
Pyridaben	ND	10	200	1.81	226	Spinetoram, Total	ND	10	200	3.73	113
Spiromesifen	ND	10	100	4.07	113	Spirotetramat	ND	10	100	4.98	113
Spiroxamine	ND	10	100	2.83	113	Tebuconazole	ND	10	100	4.41	113
Thiacloprid	ND	10	100	1.81	113	Thiamethoxam	ND	10	500	2.49	566
Trifloxystrobin	ND	10	100	4.64	113	Spinosad, Total	ND	10	100	4.98	113

Pesticides by GC-QQQ

Batch: B5K1923
 SOP: MCS-SOP-001a

Prep By: 1005
 Prep On: 11/19/25 17:30

Ana. By: 1056
 Ana. On: 11/20/25 23:57

Initial (g): 1.004
 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	9.69	84.9	Methyl parathion	ND	5	100	4.84	56.6
Captan	ND	5	700	13.9	396	Chlordane, Total	ND	5	100	11.0	56.6
Chlorfenapyr	ND	5	100	12.3	56.6						

Mycotoxins by LC-QQQ

Batch: B5K1923
 SOP: MCS-SOP-001b

Prep By: 1005
 Prep On: 11/19/25 17:30

Ana. By: 1056
 Ana. On: 11/21/25 04:22

Initial (g): 1.004
 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	9.96	9.96	Ochratoxin A	ND	10	20	2.51	9.96
Aflatoxin G2	ND	10	20	7.44	9.96	Aflatoxin G1	ND	10	20	3.23	9.96
Aflatoxin B2	ND	10	20	3.86	9.96	Aflatoxin B1	ND	10	20	2.93	9.96



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 Cultivar: Hawaiian Runtz #8
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Lab ID: JK19014-05
 Received: 11/19/25 15:26
 Completed: 11/21/25 16:28

Total Metals by ICP-MS

Batch: B5K1927
 SOP: MCS-SOP-I01

Prep By: 1029
 Prep On: 11/20/25 13:07

Ana. By: 1028
 Ana. On: 11/20/25 16:27

Initial (g): 0.2542
 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	112	Cadmium	ND	1	200	22.3	112
Lead	ND	1	500	55.9	279	Mercury	ND	1	200	22.3	55.9

Microbials by qPCR

Batch: B5K1937
 SOP: MCS-SOP-M01

Prep By: 1058
 Prep On: 11/20/25 08:28

Ana. By: 1058
 Ana. On: 11/21/25 10:25

Initial (g): 1.0087
 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: B5K1938
 SOP: MCS-SOP-M01

Prep By: 1005
 Prep On: 11/20/25 08:39

Ana. By: 1058
 Ana. On: 11/20/25 10:32

Initial (g): 1.0014
 Final (g): 19

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