



The Flowery

Cultivation Facility: Homestead
Processing Facility: Homestead
Batch Date: 04/28/2026
Batch Size: 18004 g
Batch Unit Size: 3.5 g
Units Sampled: 19
Total Amt. Sampled: 66.5 g
Seed to Sale ID: 8985977989147541
QA Sample ID: 5731185141400030

Musty Buffalo_8985977989147541

Laboratory ID: KG01015-02
Sample Matrix: Whole Flower
Admin. Route: Inhalation
Label Claim: THC: -- mg | CBD: -- mg
Cultivar: Musty Buffalo
Description: FLOWER 3.5G - FLOWERY MYLAR BAG Musty Buffalo_20260428
Sample Date: 07/01/26
Received: 07/01/26 19:01
Completed: 07/06/26 20:09



POTENCY SUMMARY (As Received)

Total CBD
0.112% (3.92 mg)

Total THC
22.8% (798 mg)

Total Cannabinoids
26.6% (930 mg)

Analyte	%	mg
THCa	25.3	886
delta 9-THC	0.614	21.5
CBGa	0.450	15.8
CBDa	0.127	4.45
CBG	0.0931	3.26
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
3.04%

Analyte	%
beta-Caryophyllene	1.26
d-Limonene	0.523
alpha-Humulene	0.253
alpha-Pinene	0.203
beta-Pinene	0.115
Linalool	0.0960
Ocimene, Total	0.0841
alpha-Bisabolol	0.0780
Fenchyl Alcohol	0.0695
trans-Nerolidol	0.0650

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

Musty Buffalo_8985977989147541

Sample Matrix: Whole Flower
Cultivar: Musty Buffalo
Description: FLOWER 3.5G - FLOWERY MYLAR BAG Musty Buffalo_20260428-MB-H276

Lab ID: **KG01015-02**
Received: 07/01/26 19:01
Completed: 07/06/26 20:09

Potency by HPLC

Batch: B6G0134
SOP: MCS-SOP-002

Prep By: 1005
Prep On: 7/2/26 10:20

Ana. By: 1005
Ana. On: 7/6/26 16:20

Initial (g): 0.2011
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
Total THC	22.8	100	0.0318	0.466	Total CBD	0.112	1	0.000487	0.00466
delta 8-THC	ND	1	0.000159	0.00249	delta 9-THC	0.614	100	0.0169	0.249
THCa	25.3	100	0.0169	0.249	THCV	ND	1	0.000358	0.00249
CBD	ND	1	0.000328	0.00249	CBDa	0.127	1	0.000199	0.00249
CBDV	ND	1	0.000219	0.00249	CBC	ND	1	0.000746	0.00249
CBG	0.0931	1	0.000159	0.00249	CBGa	0.450	1	0.000159	0.00249
CBN	ND	1	0.000189	0.00249					

Terpene Screen by GC/MS

Batch: B6G0141
SOP: MCS-SOP-004

Prep By: 1030
Prep On: 7/2/26 13:54

Ana. By: 1005
Ana. On: 7/4/26 05:41

Initial (g): 0.1049
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.203	1	0.00477	0.00953	Camphene	0.0157	1	0.00477	0.00953
beta-Pinene	0.115	1	0.00477	0.00953	3-Carene	ND	1	0.00477	0.00953
alpha-Terpinene	ND	1	0.00477	0.00953	Camphor	ND	1	0.00477	0.00953
d-Limonene	0.523	1	0.00477	0.00953	1,8-Cineole (Eucalyptol)	ND	1	0.00477	0.00953
gamma-Terpinene	ND	1	0.00477	0.00953	Terpinolene	0.00633	1	0.00477	0.00953
Isopulegol	ND	1	0.00477	0.00953	Linalool	0.0960	1	0.00477	0.00953
Geraniol	ND	1	0.00477	0.00953	beta-Caryophyllene	1.26	1	0.00477	0.00953
alpha-Humulene	0.253	1	0.00477	0.00953	cis-Nerolidol	0.0610	1	0.00477	0.00953
Caryophyllene oxide	0.0512	1	0.00477	0.00953	(+/-)-Fenchone	0.00588	1	0.00477	0.00953
(+/-)-Borneol	0.0456	1	0.00477	0.00953	(+)-Pulegone	ND	1	0.00477	0.00953
Cedrol	ND	1	0.00477	0.00953	Geranyl Acetate	ND	1	0.00477	0.00953
alpha-Bisabolol	0.0780	1	0.00477	0.00953	alpha-Phellandrene	ND	1	0.00477	0.00953
alpha-Terpineol	0.0565	1	0.00477	0.00953	Nerol	ND	1	0.00477	0.00953
Sabinene	ND	1	0.00477	0.00953	Valencene	ND	1	0.00477	0.00953
beta-Myrcene	0.0550	1	0.00477	0.00953	Sabinene Hydrate	ND	1	0.00477	0.00953
alpha-Cedrene	ND	1	0.00477	0.00953	Fenchyl Alcohol	0.0695	1	0.00477	0.00953
Guaiol	ND	1	0.00477	0.00953	trans-Nerolidol	0.0650	1	0.00477	0.00953
Isoborneol	ND	1	0.00477	0.00953	Ocimene, Total	0.0841	1	0.00477	0.00953
gamma-Terpineol	ND	1	0.00477	0.00953	Menthol	ND	1	0.00477	0.00953

Moisture by Moisture Balance

Batch: B6G0155
SOP: MCS-SOP-G02

Prep By: 1048
Prep On: 7/2/26 10:15

Ana. By: 1048
Ana. On: 7/2/26 12:46

Initial (g): 0.518
Final (g): 0.5

Analyte (%)	Result	Diln	Reg. Limit
Percent Moisture	12.2	1	15

Water Activity by REH

Batch: B6G0151
SOP: MCS-SOP-G03

Prep By: 1048
Prep On: 7/2/26 10:15

Ana. By: 1048
Ana. On: 7/2/26 14:40

Initial (g): 0.1019
Final (g): 0.1

Analyte (Aw)	Result	Diln	Reg. Limit	MDL	PQL
Activity of Water (Aw)	0.52	1	0.65	0.040	0.040

Foreign Matter

Batch: B6G0153
SOP: MCS-SOP-G01

Prep By: 1048
Prep On: 7/2/26 09:30

Ana. By: 1048
Ana. On: 7/2/26 10:00

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

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



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Richard Dillen
Laboratory Director



Accreditation #102020



Musty Buffalo_8985977989147541

Sample Matrix: Whole Flower
Cultivar: Musty Buffalo
Description: FLOWER 3.5G - FLOWERY MYLAR BAG Musty Buffalo_20260428-MB-H276

Lab ID: **KG01015-02**
Received: 07/01/26 19:01
Completed: 07/06/26 20:09

Pesticides by LC-QQQ

Batch: B6G0138
SOP: MCS-SOP-001b

Prep By: 1030
Prep On: 7/2/26 10:05

Ana. By: 1067
Ana. On: 7/5/26 00:50

Initial (g): 1.0049
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	56.6	Acephate	ND	10	100	7.02	56.6
Acequinocyl	ND	10	100	4.19	56.6	Acetamiprid	ND	10	100	3.63	56.6
Aldicarb	ND	10	100	10.6	56.6	Azoxystrobin	ND	10	100	5.21	28.3
Bifenazate	ND	10	100	5.32	56.6	Bifenthrin	ND	10	100	4.42	56.6
Boscalid	ND	10	100	16.5	56.6	Carbaryl	ND	10	500	8.84	56.6
Carbofuran	ND	10	100	4.19	14.2	Chlorantraniliprole	ND	10	1000	9.06	142
Chlormequat chloride	ND	10	1000	3.51	56.6	Chlorpyrifos	ND	10	100	4.76	28.3
Clofentezine	ND	10	200	5.55	56.6	Coumaphos	ND	10	100	7.70	28.3
Cyfluthrin	ND	10	500	43.5	227	Cypermethrin	ND	10	500	10.9	142
Daminozide	ND	10	100	8.84	56.6	Diazinon	ND	10	100	3.06	28.3
Dichlorvos	ND	10	100	11.3	56.6	Dimethoate	ND	10	100	1.25	14.2
Dimethomorph, Total	ND	10	200	3.51	56.6	Ethoprophos	ND	10	100	6.00	56.6
Etofenprox	ND	10	100	4.64	56.6	Etoxazole	ND	10	100	4.19	56.6
Fenhexamid	ND	10	100	5.55	56.6	Fenoxycarb	ND	10	100	5.10	28.3
Fenpyroximate	ND	10	100	2.49	56.6	Fipronil	ND	10	100	13.5	56.6
Flonicamid	ND	10	100	4.76	56.6	Fludioxonil	ND	10	100	9.97	56.6
Hexythiazox	ND	10	100	3.51	56.6	Imazalil	ND	10	100	6.00	56.6
Imidacloprid	ND	10	400	5.10	113	Kresoxim-Methyl	ND	10	100	5.10	56.6
Malathion	ND	10	200	16.5	56.6	Metalaxyl	ND	10	100	5.66	56.6
Methiocarb	ND	10	100	10.3	56.6	Methomyl	ND	10	100	2.27	28.3
Mevinphos	ND	10	100	6.00	56.6	Myclobutanil	ND	10	100	8.04	56.6
Dibrom (Naled)	ND	10	250	10.9	56.6	Oxamyl	ND	10	250	2.38	14.2
Paclobutrazol	ND	10	100	8.38	56.6	Permethrin	ND	10	100	4.53	56.6
Phosmet	ND	10	100	5.10	56.6	Piperonyl butoxide	ND	10	3000	22.7	566
Prallethrin	ND	10	100	6.57	56.6	Propiconazole (Tilt)	ND	10	100	5.10	56.6
Baygon (Propoxur)	ND	10	100	3.40	56.6	Pyrethrins, Total	ND	10	500	6.12	56.6
Pyridaben	ND	10	200	1.81	56.6	Spinetoram, Total	ND	10	200	3.74	56.6
Spiromesifen	ND	10	100	4.08	14.2	Spirotetramat	ND	10	100	4.98	56.6
Spiroxamine	ND	10	100	2.83	56.6	Tebuconazole	ND	10	100	4.42	56.6
Thiacloprid	ND	10	100	1.81	56.6	Thiamethoxam	ND	10	500	2.49	113
Trifloxystrobin	ND	10	100	4.64	56.6	Spinosad, Total	ND	10	100	4.98	41.1

Pesticides by GC-QQQ

Batch: B6G0138
SOP: MCS-SOP-001a

Prep By: 1030
Prep On: 7/2/26 10:05

Ana. By: 1067
Ana. On: 7/3/26 04:25

Initial (g): 1.0049
Final (g): 25

Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg dry)	Result	Diln	Reg. Limit	MDL	PQL
Captan	ND	5	n/a	13.9	85.0	Pentachloronitrobenzene (quintozone)	ND	5	150	9.70	85.0
Methyl parathion	ND	5	100	4.84	56.6	Chlordane, Total	ND	5	100	11.0	56.6
Chlorfenapyr	ND	5	100	12.3	56.6						

Mycotoxins by LC-QQQ

Batch: B6G0138
SOP: MCS-SOP-001b

Prep By: 1030
Prep On: 7/2/26 10:05

Ana. By: 1067
Ana. On: 7/5/26 07:52

Initial (g): 1.0049
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	9.95	9.95	Ochratoxin A	ND	10	20	2.51	9.95
Aflatoxin G2	ND	10	20	7.43	9.95	Aflatoxin G1	ND	10	20	3.22	9.95
Aflatoxin B2	ND	10	20	3.86	9.95	Aflatoxin B1	ND	10	20	2.93	9.95



CMTL-0005

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Musty Buffalo_8985977989147541

Sample Matrix: Whole Flower
Cultivar: Musty Buffalo
Description: FLOWER 3.5G - FLOWERY MYLAR BAG Musty Buffalo_20260428-MB-H276

Lab ID: **KG01015-02**
Received: 07/01/26 19:01
Completed: 07/06/26 20:09

Total Metals by ICP-MS

Batch: B6G0146
SOP: MCS-SOP-I01

Prep By: 1048
Prep On: 7/1/26 17:52

Ana. By: 1005
Ana. On: 7/6/26 18:57

Initial (g): 0.2549
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	55.8	279	Mercury	ND	1	200	22.3	55.8

Microbials by qPCR

Batch: B6G0105
SOP: MCS-SOP-M01

Prep By: 1053
Prep On: 7/2/26 10:20

Ana. By: 1053
Ana. On: 7/3/26 13:05

Initial (g): 1.0006
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: B6G0130
SOP: MCS-SOP-M01

Prep By: 1053
Prep On: 7/2/26 12:25

Ana. By: 1053
Ana. On: 7/2/26 14:25

Initial (g): 1.0049
Final (g): 19

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