



Treadwell Farms

190 Mary Street, Umatilla, FL 32784
(352) 771-2318

GM1-KLT-100

Laboratory ID: KC09014-01	Sample Date: 03/09/26
Sample Matrix: Gummy	Received: 03/09/26 14:48
Batch Unit Size: 5 g	Completed: 03/16/26 15:31
Label Claim (mg): THC: -- CBD: -- CBN: --	Description: --

POTENCY SUMMARY (As Received)

Total CBD 0.223% (11.2 mg)	Total THC 0.200% (10.0 mg)	Total Cannabinoids 0.421% (21.1 mg)
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TERPENES SUMMARY (Top Ten)

Total Terpenes
0.0326%

Analyte	%	mg
CBD	0.221	11.1
delta 9-THC	0.200	10.0
CBC	<LOQ	<LOQ
CBDa	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBG	<LOQ	<LOQ
CBGa	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
THCa	<LOQ	<LOQ
THCV	<LOQ	<LOQ

Analyte	%
d-Limonene	0.00693
Guaiol	0.00389
beta-Caryophyllene	0.00344
alpha-Terpineol	0.00341
alpha-Bisabolol	0.00322
Linalool	0.00235
alpha-Humulene	0.00177
gamma-Terpinene	0.00175
Valencene	0.00152
Fenchyl Alcohol	0.00149

ANALYSIS SUMMARY

Potency (0.3%)	PASS	Homogeneity	Not Tested	Terpenes	Completed
Residual Solvents	PASS	% Moisture	Not Tested	Water Activity	Not Tested
Foreign Matter	PASS	Pesticides	PASS	Mycotoxins	PASS
Heavy Metals	PASS	Microbials	PASS	Label Claim (± 10%)	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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Potency by HPLC

Batch: B6C0905 **Prep By:** 1005 **Ana. By:** 1005 **Initial (g):** 1.0039
SOP: MCS-SOP-002 **Prep On:** 3/9/26 15:49 **Ana. On:** 3/9/26 20:56 **Final (g):** 10

Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL
Total THC	0.200	10	0.3	0.00319	0.0467	Total CBD	0.223	10		0.00488	0.0467
delta 8-THC	ND	10		0.00159	0.0249	delta 9-THC	0.200	10	0.3	0.00169	0.0249
THCa	ND	10		0.00169	0.0249	THCV	ND	10		0.00359	0.0249
CBD	0.221	10		0.00329	0.0249	CBDa	ND	10		0.00199	0.0249
CBDV	ND	10		0.00219	0.0249	CBC	ND	10		0.00747	0.0249
CBG	ND	10		0.00159	0.0249	CBGa	ND	10		0.00159	0.0249
CBN	ND	10		0.00189	0.0249						

Terpene Screen by GC/MS

Batch: B6C1301 **Prep By:** 1005 **Ana. By:** 1062 **Initial (g):** 1.0039
SOP: MCS-SOP-004 **Prep On:** 3/9/26 15:49 **Ana. On:** 3/13/26 23:39 **Final (g):** 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	ND	1	0.000498	0.000996	Camphene	ND	1	0.000498	0.000996
beta-Pinene	ND	1	0.000498	0.000996	3-Carene	ND	1	0.000498	0.000996
alpha-Terpinene	ND	1	0.000498	0.000996	Camphor	ND	1	0.000498	0.000996
d-Limonene	0.00693	1	0.000498	0.000996	1,8-Cineole (Eucalyptol)	0.000721	1	0.000498	0.000996
gamma-Terpinene	0.00175	1	0.000498	0.000996	Terpinolene	0.000738	1	0.000498	0.000996
Isopulegol	ND	1	0.000498	0.000996	Linalool	0.00235	1	0.000498	0.000996
Geraniol	ND	1	0.000498	0.000996	beta-Caryophyllene	0.00344	1	0.000498	0.000996
alpha-Humulene	0.00177	1	0.000498	0.000996	cis-Nerolidol	ND	1	0.000498	0.000996
Caryophyllene oxide	ND	1	0.000498	0.000996	(+/-)-Fenchone	ND	1	0.000498	0.000996
(+/-)-Borneol	ND	1	0.000498	0.000996	(+)-Pulegone	ND	1	0.000498	0.000996
Cedrol	ND	1	0.000498	0.000996	Geranyl Acetate	ND	1	0.000498	0.000996
alpha-Bisabolol	0.00322	1	0.000498	0.000996	alpha-Phellandrene	ND	1	0.000498	0.000996
alpha-Terpineol	0.00341	1	0.000498	0.000996	Nerol	ND	1	0.000498	0.000996
Sabinene	ND	1	0.000498	0.000996	Valencene	0.00152	1	0.000498	0.000996
beta-Myrcene	0.00142	1	0.000498	0.000996	Sabinene Hydrate	ND	1	0.000498	0.000996
alpha-Cedrene	ND	1	0.000498	0.000996	Fenchyl Alcohol	0.00149	1	0.000498	0.000996
Guaiol	0.00389	1	0.000498	0.000996	trans-Nerolidol	ND	1	0.000498	0.000996
Isoborneol	ND	1	0.000498	0.000996	Ocimene, Total	ND	1	0.000498	0.000996
gamma-Terpineol	ND	1	0.000498	0.000996	Menthol	ND	1	0.000498	0.000996

Residual Solvents by GC/MS-HS

Batch: B6C1204 **Prep By:** 1005 **Ana. By:** 1028 **Initial (g):** 0.0232
SOP: MCS-SOP-003 **Prep On:** 3/12/26 16:56 **Ana. On:** 3/13/26 06:46 **Final (g):** 20

Analyte (mg/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (mg/kg)	Result	Diln	Reg. Limit	MDL	PQL
Propane	ND	1	5000	86.2	216	n-Butane	ND	1	5000	86.2	216
Methanol	ND	1	250	21.6	86.2	Ethylene Oxide	ND	1	5	0.431	2.16
Ethanol	1310	1	5000	86.2	216	Pentane	ND	1	750	64.7	216
Ethyl Ether	ND	1	500	43.1	216	Acetone	ND	1	750	64.7	216
1,1-Dichloroethylene	ND	1	8	0.265	1.29	Isopropyl Alcohol (2-Propanol)	ND	1	500	43.1	216
Acetonitrile	ND	1	60	5.17	25.9	Methylene Chloride	ND	1	125	10.8	43.1
Hexane	ND	1	250	21.6	108	Ethyl Acetate	ND	1	400	34.5	172
Chloroform	ND	1	2	0.119	0.862	1,2-Dichloroethane	ND	1	2	0.155	0.862
Benzene	ND	1	1	0.0494	0.0862	Heptane	ND	1	5000	86.2	216
Trichloroethene (Trichloroethylene)	ND	1	25	0.232	1.29	Toluene	ND	1	150	12.9	64.7
m/p-Xylenes	ND	1	100	6.47	25.9	o-xylene	ND	1	50	6.47	25.9

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Foreign Matter

Batch: B6C1230 **Prep By:** 1048 **Ana. By:** 1048 **Initial (g):** 1
SOP: MCS-SOP-G01 **Prep On:** 3/13/26 09:00 **Ana. On:** 3/13/26 09:30 **Final (g):** 1

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

Pesticides by LC-QQQ

Batch: B6C1210 **Prep By:** 1005 **Ana. By:** 1056 **Initial (g):** 1.0022
SOP: MCS-SOP-001b **Prep On:** 3/12/26 16:32 **Ana. On:** 3/16/26 01:28 **Final (g):** 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	ND	10	300	12.3	99.8	Acephate	ND	10	3000	9.76	99.8
Acequinocyl	ND	10	2000	11.6	99.8	Acetamiprid	ND	10	3000	15.1	99.8
Aldicarb	ND	10	100	12.9	99.8	Azoxystrobin	ND	10	3000	3.25	99.8
Bifenazate	ND	10	3000	3.67	99.8	Bifenthrin	ND	10	500	9.42	99.8
Boscalid	ND	10	3000	18.2	99.8	Carbaryl	ND	10	500	7.21	499
Carbofuran	ND	10	100	2.28	99.8	Chlorantraniliprole	ND	10	3000	5.10	998
Chloromequat chloride	ND	10	3000	9.34	998	Chlorpyrifos	ND	10	100	4.42	99.8
Clofentezine	ND	10	500	14.9	200	Coumaphos	ND	10	100	4.48	99.8
Cyfluthrin	ND	10	1000	26.7	499	Cypermethrin	ND	10	1000	11.3	499
Daminozide	ND	10	100	6.31	99.8	Diazinon	ND	10	200	3.19	99.8
Dichlorvos	ND	10	100	5.78	99.8	Dimethoate	ND	10	100	1.29	99.8
Dimethomorph, Total	ND	10	3000	2.49	200	Ethoprophos	ND	10	100	2.36	99.8
Etofenprox	ND	10	100	12.7	99.8	Etoazole	ND	10	1500	15.4	99.8
Fenhexamid	ND	10	3000	5.41	99.8	Fenoxycarb	ND	10	100	4.68	99.8
Fenpyroximate	ND	10	2000	5.51	99.8	Fipronil	ND	10	100	14.3	99.8
Fonicamid	ND	10	2000	6.90	99.8	Fludioxonil	ND	10	3000	11.0	99.8
Hexythiazox	ND	10	2000	5.85	99.8	Imazalil	ND	10	100	9.59	99.8
Imidacloprid	ND	10	3000	17.2	399	Kresoxim-Methyl	ND	10	1000	7.60	99.8
Malathion	ND	10	2000	10.7	200	Metalaxyl	ND	10	3000	4.46	99.8
Methiocarb	ND	10	100	11.8	99.8	Methomyl	ND	10	100	4.42	99.8
Mevinphos	ND	10	100	9.27	99.8	Myclobutanil	ND	10	3000	16.3	99.8
Dibrom (Naled)	ND	10	500	6.02	249	Oxamyl	ND	10	500	2.33	249
Paclbutrazol	ND	10	100	12.2	99.8	Permethrin	ND	10	1000	16.3	99.8
Phosmet	ND	10	200	9.15	99.8	Piperonyl butoxide	ND	10	3000	5.81	2990
Prallethrin	ND	10	400	5.51	99.8	Propiconazole (Tilt)	ND	10	1000	17.9	99.8
Baygon (Propoxur)	ND	10	100	5.44	99.8	Pyrethrins, Total	ND	10	1000	11.0	99.8
Pyridaben	ND	10	3000	6.24	200	Spinetoram, Total	ND	10	3000	11.7	99.8
Spiromesifen	ND	10	3000	2.24	99.8	Spirotetramat	ND	10	3000	6.66	99.8
Spiroxamine	ND	10	100	6.80	99.8	Tebuconazole	ND	10	1000	18.9	99.8
Thiacloprid	ND	10	100	14.4	99.8	Thiamethoxam	ND	10	1000	15.9	499
Trifloxystrobin	ND	10	3000	6.03	99.8	Spinosad, Total	ND	10	3000	4.43	99.8

Pesticides by GC-QQQ

Batch: B6C1210 **Prep By:** 1005 **Ana. By:** 1056 **Initial (g):** 1.0022
SOP: MCS-SOP-001a **Prep On:** 3/12/26 16:32 **Ana. On:** 3/13/26 15:54 **Final (g):** 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	ND	5	200	34.2	74.8	Methyl parathion	ND	5	100	17.1	49.9
Captan	ND	5	3000	49.1	349	Chlordane, Total	ND	5	100	38.9	49.9
Chlorfenapyr	ND	5	100	43.5	49.9						

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Mycotoxins by LC-QQQ

Batch: B6C1210 Prep By: 1005 Ana. By: 1056 Initial (g): 1.0022
 SOP: MCS-SOP-001b Prep On: 3/12/26 16:32 Ana. On: 3/13/26 17:55 Final (g): 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	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

Total Metals by ICP-MS

Batch: B6C1233 Prep By: 1029 Ana. By: 1005 Initial (g): 0.2531
 SOP: MCS-SOP-I01 Prep On: 3/13/26 08:59 Ana. On: 3/13/26 12:59 Final (g): 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	ND	1	1500	19.8	98.8	Cadmium	ND	1	500	19.8	98.8
Lead	ND	1	500	49.4	247	Mercury	ND	1	3000	19.8	49.4

Microbials by qPCR

Batch: B6C1220 Prep By: 1053 Ana. By: 1053 Initial (g): 1.0036
 SOP: MCS-SOP-M01 Prep On: 3/13/26 10:36 Ana. On: 3/14/26 13:40 Final (g): 2.4

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: B6C1221 Prep By: 1053 Ana. By: 1053 Initial (g): 1.0016
 SOP: MCS-SOP-M01 Prep On: 3/13/26 11:28 Ana. On: 3/13/26 12:25 Final (g): 7

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Yeast & Mold	Absent	1	100000	1000	1000