



## Treadwell Farms

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

## GM1-CC-103

<b>Laboratory ID:</b> KC23009-01	<b>Sample Date:</b> 03/23/26
<b>Sample Matrix:</b> Gummy	<b>Received:</b> 03/23/26 15:18
<b>Batch Unit Size:</b> 5.237 g	<b>Completed:</b> 03/31/26 11:50
<b>Label Claim (mg):</b> THC: --   CBD: --   CBN: --	<b>Description:</b> --

### POTENCY SUMMARY

<u>Total CBD</u> <b>0.210% (11.0 mg)</b>	<u>Total THC</u> <b>&lt;LOQ%</b>	<u>Total Cannabinoids</u> <b>0.210% (11.0 mg)</b>
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Analyte	%	mg
CBD	0.210	11.0
CBC	<LOQ	<LOQ
CBDa	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBG	<LOQ	<LOQ
CBGa	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
delta 9-THC	<LOQ	<LOQ
THCa	<LOQ	<LOQ
THCV	<LOQ	<LOQ

### TERPENES SUMMARY (Top Ten)

Total Terpenes  
**0.0548%**

Analyte	%
d-Limonene	0.0279
alpha-Bisabolol	0.00590
Guaiol	0.00563
beta-Caryophyllene	0.00501
Linalool	0.00444
alpha-Humulene	0.00412
beta-Myrcene	0.00179

### ANALYSIS SUMMARY

<b>Potency (0.3%)</b>	<b>PASS</b>	<b>Homogeneity</b>	Not Tested	<b>Terpenes</b>	Completed
<b>Residual Solvents</b>	<b>PASS</b>	<b>% Moisture</b>	Not Tested	<b>Water Activity</b>	Not Tested
<b>Foreign Matter</b>	<b>PASS</b>	<b>Pesticides</b>	<b>PASS</b>	<b>Mycotoxins</b>	<b>PASS</b>
<b>Heavy Metals</b>	<b>PASS</b>	<b>Microbials</b>	<b>PASS</b>	<b>Label Claim (± 10%)</b>	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: B6C2309  
 SOP: MCS-SOP-002

Prep By: 1005  
 Prep On: 3/23/26 16:15

Ana. By: 1057  
 Ana. On: 3/23/26 19:06

Initial (g): 1.0015  
 Final (g): 10

Analyte ( % )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( % )	Result	Diln	Reg. Limit	MDL	PQL
Total THC	ND	10	0.3	0.00320	0.0468	Total CBD	0.210	10		0.00489	0.0468
delta 8-THC	ND	10		0.00160	0.0250	delta 9-THC	ND	10	0.3	0.00170	0.0250
THCa	ND	10		0.00170	0.0250	THCV	ND	10		0.00359	0.0250
CBD	0.210	10		0.00330	0.0250	CBDa	ND	10		0.00200	0.0250
CBDV	ND	10		0.00220	0.0250	CBC	ND	10		0.00749	0.0250
CBG	ND	10		0.00160	0.0250	CBGa	ND	10		0.00160	0.0250
CBN	ND	10		0.00190	0.0250						

## Terpene Screen by GC/MS

Batch: B6C2541  
 SOP: MCS-SOP-004

Prep By: 1005  
 Prep On: 3/23/26 16:15

Ana. By: 1005  
 Ana. On: 3/26/26 21:53

Initial (g): 1.0015  
 Final (g): 10

Analyte ( % )	Result	Diln	MDL	PQL	Analyte ( % )	Result	Diln	MDL	PQL
alpha-Pinene	ND	1	0.000499	0.000999	Camphene	ND	1	0.000499	0.000999
beta-Pinene	ND	1	0.000499	0.000999	3-Carene	ND	1	0.000499	0.000999
alpha-Terpinene	ND	1	0.000499	0.000999	Camphor	ND	1	0.000499	0.000999
d-Limonene	0.0279	1	0.000499	0.000999	1,8-Cineole (Eucalyptol)	ND	1	0.000499	0.000999
gamma-Terpinene	ND	1	0.000499	0.000999	Terpinolene	ND	1	0.000499	0.000999
Isopulegol	ND	1	0.000499	0.000999	Linalool	0.00444	1	0.000499	0.000999
Geraniol	ND	1	0.000499	0.000999	beta-Caryophyllene	0.00501	1	0.000499	0.000999
alpha-Humulene	0.00412	1	0.000499	0.000999	cis-Nerolidol	ND	1	0.000499	0.000999
Caryophyllene oxide	ND	1	0.000499	0.000999	(+/-)-Fenchone	ND	1	0.000499	0.000999
(+/-)-Borneol	ND	1	0.000499	0.000999	(+)-Pulegone	ND	1	0.000499	0.000999
Cedrol	ND	1	0.000499	0.000999	Geranyl Acetate	ND	1	0.000499	0.000999
alpha-Bisabolol	0.00590	1	0.000499	0.000999	alpha-Phellandrene	ND	1	0.000499	0.000999
alpha-Terpineol	ND	1	0.000499	0.000999	Nerol	ND	1	0.000499	0.000999
Sabinene	ND	1	0.000499	0.000999	Valencene	ND	1	0.000499	0.000999
beta-Myrcene	0.00179	1	0.000499	0.000999	Sabinene Hydrate	ND	1	0.000499	0.000999
alpha-Cedrene	ND	1	0.000499	0.000999	Fenchyl Alcohol	ND	1	0.000499	0.000999
Guaiol	0.00563	1	0.000499	0.000999	trans-Nerolidol	ND	1	0.000499	0.000999
Isoborneol	ND	1	0.000499	0.000999	Ocimene, Total	ND	1	0.000499	0.000999
gamma-Terpineol	ND	1	0.000499	0.000999	Menthol	ND	1	0.000499	0.000999

## Residual Solvents by GC/MS-HS

Batch: B6C2507  
 SOP: MCS-SOP-003

Prep By: 1005  
 Prep On: 3/25/26 16:47

Ana. By: 1028  
 Ana. On: 3/26/26 00:07

Initial (g): 0.0218  
 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	91.7	229	n-Butane	ND	1	5000	91.7	229
Methanol	ND	1	250	22.9	91.7	Ethylene Oxide	ND	1	5	0.459	2.29
Ethanol	ND	1	5000	91.7	229	Pentane	ND	1	750	68.8	229
Ethyl Ether	ND	1	500	45.9	229	Acetone	ND	1	750	68.8	229
1,1-Dichloroethylene	ND	1	8	0.282	1.38	Isopropyl Alcohol (2-Propanol)	ND	1	500	45.9	229
Acetonitrile	ND	1	60	5.50	27.5	Methylene Chloride	ND	1	125	11.5	45.9
Hexane	ND	1	250	22.9	115	Ethyl Acetate	ND	1	400	36.7	183
Chloroform	ND	1	2	0.127	0.917	1,2-Dichloroethane	ND	1	2	0.165	0.917
Benzene	ND	1	1	0.0526	0.0917	Heptane	ND	1	5000	91.7	229
Trichloroethene (Trichloroethylene)	ND	1	25	0.247	1.38	Toluene	ND	1	150	13.8	68.8
m/p-Xylenes	ND	1	100	6.88	27.5	o-xylene	ND	1	50	6.88	27.5

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## Foreign Matter

Batch: B6C2538  
 SOP: MCS-SOP-G01

Prep By: 1048  
 Prep On: 3/25/26 17:30

Ana. By: 1048  
 Ana. On: 3/25/26 17:40

Initial (g): 1  
 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: B6C2433  
 SOP: MCS-SOP-001b

Prep By: 1005  
 Prep On: 3/24/26 16:07

Ana. By: 1067  
 Ana. On: 3/26/26 01:18

Initial (g): 1.0004  
 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	100	Acephate	ND	10	3000	9.78	100
Acequinocyl	ND	10	2000	11.7	100	Acetamiprid	ND	10	3000	15.1	100
Aldicarb	ND	10	100	12.9	100	Azoxystrobin	ND	10	3000	3.26	100
Bifenazate	ND	10	3000	3.67	100	Bifenthrin	ND	10	500	9.44	100
Boscalid	ND	10	3000	18.2	100	Carbaryl	ND	10	500	7.22	500
Carbofuran	ND	10	100	2.29	100	Chlorantraniliprole	ND	10	3000	5.11	1000
Chloromequat chloride	ND	10	3000	9.36	1000	Chlorpyrifos	ND	10	100	4.42	100
Clofentezine	ND	10	500	14.9	200	Coumaphos	ND	10	100	4.49	100
Cyfluthrin	ND	10	1000	26.7	500	Cypermethrin	ND	10	1000	11.4	500
Daminozide	ND	10	100	6.32	100	Diazinon	ND	10	200	3.19	100
Dichlorvos	ND	10	100	5.79	100	Dimethoate	ND	10	100	1.29	100
Dimethomorph, Total	ND	10	3000	2.50	200	Ethoprophos	ND	10	100	2.36	100
Etofenprox	ND	10	100	12.7	100	Etoazole	ND	10	1500	15.4	100
Fenhexamid	ND	10	3000	5.42	100	Fenoxycarb	ND	10	100	4.69	100
Fenpyroximate	ND	10	2000	5.52	100	Fipronil	ND	10	100	14.3	100
Fonicamid	ND	10	2000	6.91	100	Fludioxonil	ND	10	3000	11.0	100
Hexythiazox	ND	10	2000	5.86	100	Imazalil	ND	10	100	9.60	100
Imidacloprid	ND	10	3000	17.3	400	Kresoxim-Methyl	ND	10	1000	7.62	100
Malathion	ND	10	2000	10.7	200	Metalaxyl	ND	10	3000	4.47	100
Methiocarb	ND	10	100	11.8	100	Methomyl	ND	10	100	4.43	100
Mevinphos	ND	10	100	9.28	100	Myclobutanil	ND	10	3000	16.3	100
Dibrom (Naled)	ND	10	500	6.03	250	Oxamyl	ND	10	500	2.33	250
Paclbutrazol	ND	10	100	12.2	100	Permethrin	ND	10	1000	16.3	100
Phosmet	ND	10	200	9.17	100	Piperonyl butoxide	ND	10	3000	5.82	3000
Prallethrin	ND	10	400	5.52	100	Propiconazole (Tilt)	ND	10	1000	17.9	100
Baygon (Propoxur)	ND	10	100	5.44	100	Pyrethrins, Total	ND	10	1000	11.0	100
Pyridaben	ND	10	3000	6.26	200	Spinetoram, Total	ND	10	3000	11.7	100
Spiromesifen	ND	10	3000	2.24	100	Spirotetramat	ND	10	3000	6.67	100
Spiroxamine	ND	10	100	6.81	100	Tebuconazole	ND	10	1000	19.0	100
Thiacloprid	ND	10	100	14.4	100	Thiamethoxam	ND	10	1000	15.9	500
Trifloxystrobin	ND	10	3000	6.04	100	Spinosad, Total	ND	10	3000	4.44	100

## Pesticides by GC-QQQ

Batch: B6C2433  
 SOP: MCS-SOP-001a

Prep By: 1005  
 Prep On: 3/24/26 16:07

Ana. By: 1067  
 Ana. On: 3/25/26 20:58

Initial (g): 1.0004  
 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	75.0	Methyl parathion	ND	5	100	17.1	50.0
Captan	ND	5	3000	49.2	350	Chlordane, Total	ND	5	100	39.0	50.0
Chlorfenapyr	ND	5	100	43.6	50.0						

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## Mycotoxins by LC-QQQ

Batch: B6C2433  
 SOP: MCS-SOP-001b

Prep By: 1005  
 Prep On: 3/24/26 16:07

Ana. By: 1067  
 Ana. On: 3/25/26 18:55

Initial (g): 1.0004  
 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	10.0	10.0	Ochratoxin A	ND	10	20	2.52	10.0
Aflatoxin G2	ND	10	20	7.47	10.0	Aflatoxin G1	ND	10	20	3.24	10.0
Aflatoxin B2	ND	10	20	3.88	10.0	Aflatoxin B1	ND	10	20	2.94	10.0

## Total Metals by ICP-MS

Batch: B6C2516  
 SOP: MCS-SOP-I01

Prep By: 1029  
 Prep On: 3/26/26 11:20

Ana. By: 1005  
 Ana. On: 3/26/26 14:52

Initial (g): 0.2541  
 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	19.7	98.4	Cadmium	ND	1	500	19.7	98.4
Lead	ND	1	500	49.2	246	Mercury	ND	1	3000	19.7	49.2

## Microbials by qPCR

Batch: B6C2518  
 SOP: MCS-SOP-M01

Prep By: 1005  
 Prep On: 3/26/26 09:15

Ana. By: 1005  
 Ana. On: 3/27/26 10:56

Initial (g): 1.0011  
 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: B6C2519  
 SOP: MCS-SOP-M01

Prep By: 1005  
 Prep On: 3/26/26 09:30

Ana. By: 1005  
 Ana. On: 3/26/26 11:00

Initial (g): 1.0044  
 Final (g): 7

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