



Treadwell Farms

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

GM1-ZZ-102

Laboratory ID: KC09014-03	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)

<u>Total CBD</u> 0.117% (5.85 mg)	<u>Total THC</u> 0.0566% (2.83 mg)	<u>Total Cannabinoids</u> 0.347% (17.4 mg)
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TERPENES SUMMARY (Top Ten)

Total Terpenes
0.0118%

Analyte	%	mg
CBN	0.184	9.20
CBD	0.117	5.85
delta 9-THC	0.0463	2.32
CBC	<LOQ	<LOQ
CBDa	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBG	<LOQ	<LOQ
CBGa	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
THCa	<LOQ	<LOQ
THCV	<LOQ	<LOQ

Analyte	%
Guaiol	0.00401
alpha-Bisabolol	0.00335
beta-Caryophyllene	0.00174
alpha-Humulene	0.00140
beta-Myrcene	0.00127

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
 SOP: MCS-SOP-002

Prep By: 1005
 Prep On: 3/9/26 15:49

Ana. By: 1005
 Ana. On: 3/9/26 21:20

Initial (g): 1.0042
 Final (g): 10

Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL
Total THC	0.0566	10	0.3	0.00319	0.0467	Total CBD	0.117	10		0.00488	0.0467
delta 8-THC	ND	10		0.00159	0.0249	delta 9-THC	0.0463	10	0.3	0.00169	0.0249
THCa	ND	10		0.00169	0.0249	THCV	ND	10		0.00358	0.0249
CBD	0.117	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	0.184	10		0.00189	0.0249						

Terpene Screen by GC/MS

Batch: B6C1301
 SOP: MCS-SOP-004

Prep By: 1005
 Prep On: 3/9/26 15:49

Ana. By: 1062
 Ana. On: 3/14/26 00:31

Initial (g): 1.0042
 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	ND	1	0.000498	0.000996	1,8-Cineole (Eucalyptol)	ND	1	0.000498	0.000996
gamma-Terpinene	ND	1	0.000498	0.000996	Terpinolene	ND	1	0.000498	0.000996
Isopulegol	ND	1	0.000498	0.000996	Linalool	ND	1	0.000498	0.000996
Geraniol	ND	1	0.000498	0.000996	beta-Caryophyllene	0.00174	1	0.000498	0.000996
alpha-Humulene	0.00140	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	0.00335	1	0.000498	0.000996	alpha-Phellandrene	ND	1	0.000498	0.000996
alpha-Terpineol	ND	1	0.000498	0.000996	Nerol	ND	1	0.000498	0.000996
Sabinene	ND	1	0.000498	0.000996	Valencene	ND	1	0.000498	0.000996
beta-Myrcene	0.00127	1	0.000498	0.000996	Sabinene Hydrate	ND	1	0.000498	0.000996
alpha-Cedrene	ND	1	0.000498	0.000996	Fenchyl Alcohol	ND	1	0.000498	0.000996
Guaiol	0.00401	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
 SOP: MCS-SOP-003

Prep By: 1005
 Prep On: 3/12/26 16:56

Ana. By: 1028
 Ana. On: 3/13/26 07:26

Initial (g): 0.0208
 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	96.2	240	n-Butane	ND	1	5000	96.2	240
Methanol	ND	1	250	24.0	96.2	Ethylene Oxide	ND	1	5	0.481	2.40
Ethanol	ND	1	5000	96.2	240	Pentane	ND	1	750	72.1	240
Ethyl Ether	ND	1	500	48.1	240	Acetone	ND	1	750	72.1	240
1,1-Dichloroethylene	ND	1	8	0.295	1.44	Isopropyl Alcohol (2-Propanol)	ND	1	500	48.1	240
Acetonitrile	ND	1	60	5.77	28.8	Methylene Chloride	ND	1	125	12.0	48.1
Hexane	ND	1	250	24.0	120	Ethyl Acetate	ND	1	400	38.5	192
Chloroform	ND	1	2	0.133	0.962	1,2-Dichloroethane	ND	1	2	0.173	0.962
Benzene	ND	1	1	0.0551	0.0962	Heptane	ND	1	5000	96.2	240
Trichloroethene (Trichloroethylene)	ND	1	25	0.259	1.44	Toluene	ND	1	150	14.4	72.1
m/p-Xylenes	ND	1	100	7.21	28.8	o-xylene	ND	1	50	7.21	28.8

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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):** 1.0017
SOP: MCS-SOP-001b **Prep On:** 3/12/26 16:32 **Ana. On:** 3/16/26 01:55 **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	9.77	99.8
Acequinocyl	ND	10	2000	11.7	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	2.29	99.8	Chlorantraniliprole	ND	10	3000	5.10	998
Chloromequat chloride	ND	10	3000	9.35	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	5.52	99.8	Fipronil	ND	10	100	14.3	99.8
Fonicamid	ND	10	2000	6.91	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	17.3	399	Kresoxim-Methyl	ND	10	1000	7.61	99.8
Malathion	ND	10	2000	10.7	200	Metalaxyl	ND	10	3000	4.47	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	6.03	250	Oxamyl	ND	10	500	2.33	250
Paclbutrazol	ND	10	100	12.2	99.8	Permethrin	ND	10	1000	16.3	99.8
Phosmet	ND	10	200	9.16	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	6.25	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	6.81	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	6.04	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):** 1.0017
SOP: MCS-SOP-001a **Prep On:** 3/12/26 16:32 **Ana. On:** 3/13/26 17:10 **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	74.9	Methyl parathion	ND	5	100	17.1	49.9
Captan	ND	5	3000	49.2	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): 1.0017
 SOP: MCS-SOP-001b Prep On: 3/12/26 16:32 Ana. On: 3/13/26 18:49 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	2.52	9.98
Aflatoxin G2	ND	10	20	7.46	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	2.94	9.98

Total Metals by ICP-MS

Batch: B6C1233 Prep By: 1029 Ana. By: 1005 Initial (g): 0.2512
 SOP: MCS-SOP-I01 Prep On: 3/13/26 08:59 Ana. On: 3/13/26 13:06 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	19.9	99.5	Cadmium	ND	1	500	19.9	99.5
Lead	ND	1	500	49.8	249	Mercury	ND	1	3000	19.9	49.8

Microbials by qPCR

Batch: B6C1220 Prep By: 1053 Ana. By: 1053 Initial (g): 1.0025
 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): 1.005
 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