

Treadwell Farms
190 Mary Street Umatilla, FL 32784
(352) 771-2318
Treadwell Farms Pet Tincture

Seed to Sale: N/A
Retail Batch#: N/A
Cultivar: N/A
Cultivation Facility: N/A
Processing Facility: N/A
Sampling: SOP 21

COMPLIANCE FOR RETAIL

Sample Name: Treadwell Farms Pet Tincture: Lot# TIN1-Pet 1-064

Date Sampled: 04/12/2024
Date Received: 04/12/2024
Date Reported: 04/22/2024

Lab Sample ID: F404206-01 Matrix: Non-Inhalable Product
Retail Batch Total Wt/Vol: N/A Retail Batch Total Units: N/A
Retail Batch Date: N/A Total Wt, Vol or Unit Sampled: 1



Terpenes
Tested



Heavy Metals
Pass



Foreign Materials
Pass



Microbiology
Pass



Mycotoxins
Pass



Residual Solvents
Pass



Pesticides
Pass



Moisture Content
Not Tested



Water Activity
Not Tested



Total Cannabinoids	
2.33%	
Major Cannabinoids	
Total CBD	Total THC
1.95%	0.110%
19.5 mg/g	1.10 mg/g
576.60 mg/Unit	32.53 mg/Unit
Minor Cannabinoids *	
CBG	delta-9-THC
0.173%	0.110%
1.73 mg/g	1.10 mg/g
51.16 mg/Unit	32.53 mg/Unit

Terpenes Profile

Date Prepared: 04/15/24 15:00 Prep ID: NS Specimen Prep: 1.03 g / 2 mL
Date Analyzed: 04/17/24 14:05 Analyzed ID: NS Instrument: GCMS
Lab Batch: B24D011 Prep/Analysis Method: ACCU LAB SOP17

Analyte	Dilution	LOQ	Results
		mg/g	mg/g
beta-Myrcene	5	0.039	0.82
beta-Caryophyllene	1	0.0078	0.32
Terpinolene	1	0.0078	0.24
alpha-Bisabolol	1	0.0078	0.12
alpha-Humulene	1	0.0078	0.11
Guaiol	1	0.0078	0.10
alpha-Pinene	1	0.0078	0.052
d-Limonene	1	0.0078	0.052
Ocimene	1	0.0078	0.037
Caryophyllene Oxide	1	0.0078	0.030
beta-Pinene	1	0.0078	0.026
Terpineol	1	0.0078	0.017
Endo-fenchyl alcohol	1	0.0078	0.0090
(-)-Isopulegol	1	0.0078	ND
alpha-Cedrene	1	0.0078	ND
alpha-Terpinene	1	0.0078	ND
Borneol	1	0.0078	ND
Camphene	1	0.0078	ND
Camphor	1	0.0078	ND
Cedrol	1	0.0078	ND
cis-Nerolidol	1	0.0078	ND
Delta-3-carene	1	0.0078	ND
Eucalyptol	1	0.0078	ND
Farnesene	1	0.0078	ND
Fenchone	1	0.0078	ND
gamma-Terpinene	1	0.0078	ND
Geraniol	1	0.0078	ND
Geranyl acetate	1	0.0078	ND
Hexahydrothymol	1	0.0078	ND
Isoborneol	1	0.0078	ND
Linalool	1	0.0078	ND
Nerol	1	0.0078	ND
p-Mentha-1,5-diene	1	0.0078	ND
Pulegone	1	0.0078	ND
Sabinene	1	0.0078	ND
Sabinene hydrate	1	0.0078	ND
trans-Nerolidol	1	0.0078	ND
Valencene	1	0.0078	ND

Potency as Received

* Most abundant

Cannabinoids

Date Prepared: 04/15/24 13:38 Prep ID: NS Specimen Prep: 0.2922 g / 10 mL
Date Analyzed: 04/16/24 21:08 Analyst ID: CW Instrument: HPLC
Lab Batch: B24D050 Prep/Analysis Method: ACCU LAB SOP15

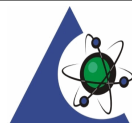
Analyte	Dilution	LOQ	Results	Results	mg/Serving
			%	%	mg/g
CBC	20	0.0684	0.0951	0.951	28.12
CBCA	20	0.0684	ND	ND	ND
CBD	20	0.0684	1.95	19.5	576.60
CBDA	20	0.0684	ND	ND	ND
CBDV	20	0.0684	ND	ND	ND
CBDVA	20	0.0684	ND	ND	ND
CBG	20	0.0684	0.173	1.73	51.16
CBGA	20	0.0684	ND	ND	ND
CBN	20	0.0684	ND	ND	ND
delta-8-THC	20	0.0684	ND	ND	ND
delta-9-THC	20	0.0684	0.110	1.10	32.53
THCA	20	0.0684	ND	ND	ND
THCV	20	0.0684	ND	ND	ND
THCVA	20	0.0684	ND	ND	ND

Total Terpenes mg/g 1.93

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Testing
Accreditation#: 109150

Dr. Harry Behzadi, PhD.
President, CEO



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Treadwell Farms Pet Tincture

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Retail Batch#: N/A
Cultivar: N/A
Cultivation Facility: N/A
Processing Facility: N/A
Sampling: SOP 21

COMPLIANCE FOR RETAIL

Sample Name: Treadwell Farms Pet Tincture: Lot# TIN1-Pet 1-064

Date Sampled: 04/12/2024
Date Received: 04/12/2024
Date Reported: 04/22/2024

Lab Sample ID: F404206-01 Matrix: Non-Inhalable Product
Retail Batch Total Wt/Vol: N/A Retail Batch Total Units: N/A
Retail Batch Date: N/A Total Wt, Vol or Unit Sampled: 1

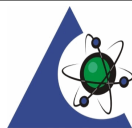
Pesticides Date Prepared: 04/15/24 15:00 Prep ID: NS Specimen Prep: 1.0272 g / 10 mL Pass
Date Analyzed: 04/19/24 16:40 Analyst ID: AJ Instrument: LC/MS/MS
Batch: B24D016 Prep Method: LAB SOP 8 Analysis Method: ACCU LAB SOP18

Analyte	DIL	Action Limit	LOQ	Results	Status	Analyte	DIL	Action Limit	LOQ	Results	Status
		ppb	ppb	ppb				ppb	ppb	ppb	
Abamectin	10	300	4.9	ND	Pass	Imidacloprid	10	3000	4.9	ND	Pass
Acephate	10	3000	4.9	ND	Pass	Kresoxim methyl	10	1000	4.9	ND	Pass
Acequinocyl	10	2000	4.9	ND	Pass	Malathion	10	2000	4.9	ND	Pass
Acetamiprid	10	3000	4.9	ND	Pass	Metalaxyl	10	3000	4.9	ND	Pass
Aldicarb	10	100	4.9	ND	Pass	Methiocarb	10	100	4.9	ND	Pass
Azoxystrobin	10	3000	4.9	ND	Pass	Methomyl	10	100	4.9	ND	Pass
Bifenazate	10	3000	4.9	ND	Pass	Mevinphos	10	100	4.9	ND	Pass
Bifenthrin	10	500	4.9	ND	Pass	Myclobutanil	10	3000	4.9	ND	Pass
Boscalid	10	3000	4.9	ND	Pass	Naled	10	500	4.9	ND	Pass
Carbaryl	10	500	4.9	ND	Pass	Oxamyl	10	500	4.9	ND	Pass
Carbofuran	10	100	4.9	ND	Pass	Paclotrazol	10	100	4.9	ND	Pass
Chlorantraniliprole	10	3000	4.9	ND	Pass	Permethrin	10	1000	4.9	ND	Pass
Chlorfenapyr	10	100	4.9	ND	Pass	Phosmet	10	200	4.9	ND	Pass
Chlormequat	10	3000	4.9	ND	Pass	Piperonyl butoxide	10	3000	4.9	ND	Pass
Chlorpyrifos	10	100	4.9	ND	Pass	Prallethrin	10	400	4.9	ND	Pass
Clofentezine	10	500	4.9	ND	Pass	Propiconazole	10	1000	4.9	ND	Pass
Coumaphos	10	100	4.9	ND	Pass	Propoxur	10	100	4.9	ND	Pass
Cyfluthrin	10	1000	4.9	ND	Pass	Pyrethrins	10	1000	4.9	ND	Pass
Cypermethrin	10	1000	4.9	ND	Pass	Pyridaben	10	3000	4.9	ND	Pass
Daminozide	10	100	4.9	ND	Pass	Spinetoram J	10	3000	4.9	ND	Pass
Diazinon	10	200	4.9	ND	Pass	Spinetoram L	10	3000	4.9	ND	Pass
Dichlorvos	10	100	4.9	ND	Pass	Spinosyn A	10	3000	4.9	ND	Pass
Dimethoate	10	100	4.9	ND	Pass	Spinosyn D	10	3000	4.9	ND	Pass
Dimethomorph	10	3000	4.9	ND	Pass	Spiromesifen	10	3000	4.9	ND	Pass
Ethoprophos	10	100	4.9	ND	Pass	Spirotetramat	10	3000	4.9	ND	Pass
Etofenprox	10	100	4.9	ND	Pass	Spiroxamine	10	100	4.9	ND	Pass
Etoazole	10	1500	4.9	ND	Pass	Tebuconazole	10	1000	4.9	ND	Pass
Fenhexamid	10	3000	4.9	ND	Pass	Thiacloprid	10	100	4.9	ND	Pass
Fenoxycarb	10	100	4.9	ND	Pass	Thiamethoxam	10	1000	4.9	ND	Pass
Fenpyroximate	10	2000	4.9	ND	Pass	Trifloxystrobin	10	3000	4.9	ND	Pass
Fipronil	10	100	4.9	ND	Pass	Captan	1	3000	240	ND	Pass
Fonicamid	10	2000	4.9	ND	Pass	Chlordane	1	100	49	ND	Pass
Fludioxonil	10	3000	4.9	ND	Pass	Methyl parathion	1	100	49	ND	Pass
Hexythiazox	10	2000	4.9	ND	Pass	Pentachloronitrobenzene	1	200	49	ND	Pass
Imazalil	10	100	4.9	ND	Pass						

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Sampling: SOP 21

COMPLIANCE FOR RETAIL

Sample Name: Treadwell Farms Pet Tincture: Lot# TIN1-Pet 1-064

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Retail Batch Date: N/A Total Wt, Vol or Unit Sampled: 1

Microbials

Pass

Date Prepared: 04/16/24 09:30 Prep ID: ES Specimen Prep: 1 g / 1 g
Date Analyzed: 04/18/24 10:22 Analyst ID: ES Instrument: QPCR/Plate
Lab Batch: B24D023 Analysis Method: ACCU LAB SOP14

Analyte	Action Limit	LOQ	Results	Status
	cfu/g	cfu/g	cfu/g	
Aspergillus Flavus	1	1.00	<1.00	Pass
Aspergillus Fumigatus	1	1.00	<1.00	Pass
Aspergillus Niger	1	1.00	<1.00	Pass
Aspergillus Terreus	1	1.00	<1.00	Pass
E. coli specific gene	1	1.00	<1.00	Pass
E. coli/shigella spp.	1	1.00	<1.00	Pass
Salmonella specific gene	1	1.00	<1.00	Pass
Stx1 gene	1	1.00	<1.00	Pass
Stx2 gene	1	1.00	<1.00	Pass

Mycotoxins

Pass

Date Prepared: 04/15/24 15:00 Extracted By: NS Specimen Prep: 1.0272 g / 10 mL
Date Analyzed: 04/19/24 16:40 Analyzed By: AJ Instrument: LCMSMS
Lab Batch: B24D016 Analysis Method: ACCU LAB SOP18

Analyte	DIL	Action Limit	LOQ	Results	Status
		ppb	ppb	ppb	
afatoxin B1	10	20	0.97	ND	Pass
afatoxin B2	10	20	0.97	ND	Pass
afatoxin G1	10	20	0.97	ND	Pass
afatoxin G2	10	20	0.97	ND	Pass
ochratoxin A	10	20	0.97	ND	Pass

Heavy Metals

Pass

Date Prepared: 04/15/24 15:20 Extracted By: NS Specimen Prep: 1.03 g / 50 mL
Date Analyzed: 04/17/24 16:58 Analyzed By: JG Instrument: ICPMS
Lab Batch: B24C002 Analysis Method: ACCU LAB SOP19

Analyte	DIL	Action Limit	LOQ	Results	Status
		ppb	ppb	ppb	
Arsenic	1	1500	97	ND	Pass
Cadmium	1	500	97	ND	Pass
Lead	1	500	97	ND	Pass
Mercury	1	3000	97	ND	Pass

Foreign Materials

Pass

Date Prepared: 04/15/24 09:12 Prep ID: WM Specimen Prep: 1 g / 1 g
Date Analyzed: 04/15/24 16:51 Analyst ID: WM Instrument: Visual Inspection
Lab Batch: B24D048 Analysis Method: ACCU LAB SOP04

Analyte	Action Limit (% by wt)	Results	Status
Foreign Material	1%	Pass	Pass
Total Contaminant Load	Action Limit	Results	Status
	ppb	ppb	
Total Contaminant Load - Overall Sum	30,000	ND	Pass
Total Contaminant Load - Heavy Metals	30,000	ND	Pass
Total Contaminant Load - Pesticides	30,000	ND	Pass

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Sampling: SOP 21

COMPLIANCE FOR RETAIL

Sample Name: Treadwell Farms Pet Tincture: Lot# TIN1-Pet 1-064

Date Sampled: 04/12/2024
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Retail Batch Date: N/A Total Wt, Vol or Unit Sampled: 1

Residual Solvents

Pass

Date Prepared: 04/15/24 10:45 Prep ID: SP Specimen Prep: 0.1208 g / 1 mL
Date Analyzed: 04/15/24 16:30 Analyst ID: SP Instrument: Headspace GC-FID
Lab Batch: B24C077 Analysis Method: ACCU LAB SOP16

Analyte	DIL	Action Limit	LOQ	Results	Status
		ppm	ppm	ppm	
1,1-Dichloroethene	1	8	1.7	ND	Pass
1,2-Dichloroethane	1	2	1.7	ND	Pass
2-Propanol (IPA)	1	500	17	ND	Pass
Acetone	1	750	17	ND	Pass
Acetonitrile	1	60	17	ND	Pass
Benzene	1	1	0.17	ND	Pass
Butane	1	5000	8.3	ND	Pass
Chloroform	1	2	1.7	ND	Pass
Ethanol	1	5000	17	ND	Pass
Ethyl acetate	1	400	1.7	ND	Pass
Ethyl ether	1	500	1.7	ND	Pass
Ethylene oxide	1	5	1.7	ND	Pass
Methanol	1	250	17	ND	Pass
Methylene chloride	1	125	1.7	ND	Pass
n-Heptane	1	5000	1.7	ND	Pass
n-Hexane	1	250	0.33	ND	Pass
Pentane	1	750	0.55	ND	Pass
Propane	1	5000	17	ND	Pass
Toluene	1	150	1.7	ND	Pass
Total xylenes	1	150	4.1	ND	Pass
Trichloroethene	1	25	1.7	ND	Pass

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