

Treadwell Farms

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

COMPLIANCE FOR RETAIL

Sample Name: 2400mg CBDA

Lab Sample ID: F312041-01

Retail Batch Total Wt/Vol: N/A

Retail Batch Date: N/A

Matrix: Non-Inhalable Product

Retail Batch Total Units: N/A

Total Wt, Vol or Unit Sampled: 1

Date Sampled: 12/15/2023

Date Received: 12/15/2023

Date Reported: 12/18/2023



Terpenes
Tested



Heavy Metals
Pass



Foreign Materials
Pass



Microbiology
Pass



Mycotoxins
Pass



Residual Solvents
Pass



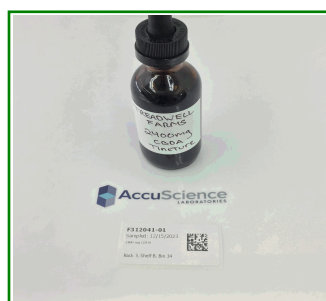
Pesticides
Pass



Moisture Content
Not Tested



Water Activity
Pass



Total Cannabinoids

5.59%

Major Cannabinoids

Total CBD

4.71%

47.1 mg/g

2638.00 mg/Unit

Total THC

0.161%

1.61 mg/g

90.16 mg/Unit

Minor Cannabinoids *

CBCA

0.108%

1.08 mg/g

60.48 mg/Unit

CBC

0.0979%

0.979 mg/g

54.82 mg/Unit

* Most abundant

Terpenes Profile

Date Prepared: 12/21/23 09:57

Date Analyzed: 12/21/23 16:55

Lab Batch: B23L017

Prep ID: NS

Analyzed ID: NS

Specimen Prep: 0.58 g / 1 mL

Instrument: GCMS

Prep/Analysis Method: ACCU LAB SOP17

Analyte	Dilution	LOQ	Results
		mg/g	mg/g
d-Limonene	20	0.14	1.8
beta-Caryophyllene	5	0.034	1.0
beta-Myrcene	5	0.034	0.60
alpha-Humulene	1	0.0069	0.28
alpha-Bisabolol	1	0.0069	0.24
Guaiol	1	0.0069	0.16
Ocimene	1	0.0069	0.14
Hexahydrothymol	1	0.0069	0.10
alpha-Pinene	1	0.0069	0.085
Eucalyptol	1	0.0069	0.071
beta-Pinene	1	0.0069	0.069
Terpineol	1	0.0069	0.061
Endo-fenchyl alcohol	1	0.0069	0.045
Caryophyllene Oxide	1	0.0069	0.043
Borneol	1	0.0069	0.039
Linalool	1	0.0069	0.035
Sabinene	1	0.0069	0.024
(-)-Isopulegol	1	0.0069	ND
alpha-Cedrene	1	0.0069	ND
alpha-Terpinene	1	0.0069	ND
Camphene	1	0.0069	ND
Camphor	1	0.0069	ND
Cedrol	1	0.0069	ND
cis-Nerolidol	1	0.0069	ND
Delta-3-carene	1	0.0069	ND
Farnesene	1	0.0069	ND
Fenchone	1	0.0069	ND
gamma-Terpinene	1	0.0069	ND
Geraniol	1	0.0069	ND
Geranyl acetate	1	0.0069	ND
Isoborneol	1	0.0069	ND
Nerol	1	0.0069	ND
p-Mentha-1,5-diene	1	0.0069	ND
Pulegone	1	0.0069	ND
Sabinene hydrate	1	0.0069	ND
Terpinolene	1	0.0069	ND
trans-Nerolidol	1	0.0069	ND
Valencene	1	0.0069	ND

Total Terpenes mg/g

4.79

Cannabinoids

Date Prepared: 12/15/23 11:34

Date Analyzed: 12/15/23 19:25

Lab Batch: B23K038

Prep ID: NS

Analyst ID: SP

Specimen Prep: 0.2553 g / 10 mL

Instrument: HPLC

Prep/Analysis Method: ACCU LAB SOP15

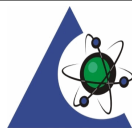
Analyte	Dilution	LOQ	Results	Results	mg/Serving
			%	%	mg/g
CBC	10	0.0392	0.0979	0.979	54.82
CBCA	10	0.0392	0.108	1.08	60.48
CBD	10	0.0392	2.08	20.8	1165.00
CBDA	10	0.0392	2.99	29.9	1674.00
CBDV	10	0.0392	ND	ND	ND
CBDVA	10	0.0392	ND	ND	ND
CBG	10	0.0392	0.0689	0.689	38.58
CBGA	10	0.0392	0.0842	0.842	47.15
CBN	10	0.0392	ND	ND	ND
delta-8-THC	10	0.0392	ND	ND	ND
delta-9-THC	10	0.0392	0.161	1.61	90.16
THCA	10	0.0392	ND	ND	ND
THCV	10	0.0392	ND	ND	ND
THCVA	10	0.0392	ND	ND	ND

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PJLA
Testing

Accreditation#: 109150



Dr. Harry Bezahadi, PhD.
President, CEO



Treadwell Farms

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COMPLIANCE FOR RETAIL

Sample Name: 2400mg CBDA

Lab Sample ID: F312041-01

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Retail Batch Date: N/A

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Pesticides

Date Prepared: 12/21/23 10:15

Date Analyzed: 12/21/23 16:25

Batch: B23K008

Prep ID: NS

Analyst ID: AJ

Specimen Prep: 1.05 g / 10 mL

Instrument: LC/MS/MS

Prep Method: LAB SOP 8 Analysis Method: ACCU LAB SOP18

Pass

Analyte	DIL	Action Limit	LOQ	Results	Status	Analyte	DIL	Action Limit	LOQ	Results	Status
		ppb	ppb	ppb				ppb	ppb	ppb	
Abamectin	10	300	4.8	ND	Pass	Imidacloprid	10	3000	4.8	ND	Pass
Acephate	10	3000	4.8	ND	Pass	Kresoxim methyl	10	1000	4.8	ND	Pass
Acequinocyl	10	2000	4.8	ND	Pass	Malathion	10	2000	4.8	ND	Pass
Acetamiprid	10	3000	4.8	ND	Pass	Metaxyl	10	3000	4.8	ND	Pass
Aldicarb	10	100	4.8	ND	Pass	Methiocarb	10	100	4.8	ND	Pass
Azoxystrobin	10	3000	4.8	ND	Pass	Methomyl	10	100	4.8	ND	Pass
Bifenazate	10	3000	4.8	ND	Pass	Mevinphos	10	100	4.8	ND	Pass
Bifenthrin	10	500	4.8	ND	Pass	Myclobutanil	10	3000	4.8	ND	Pass
Boscalid	10	3000	4.8	ND	Pass	Naled	10	500	4.8	ND	Pass
Carbaryl	10	500	4.8	ND	Pass	Oxamyl	10	500	4.8	ND	Pass
Carbofuran	10	100	4.8	ND	Pass	Paclobutrazol	10	100	4.8	ND	Pass
Chlorantraniliprole	10	3000	4.8	ND	Pass	Permethrin	10	1000	4.8	ND	Pass
Chlorfenapyr	10	100	4.8	ND	Pass	Phosmet	10	200	4.8	ND	Pass
Chlormequat	10	3000	4.8	ND	Pass	Piperonyl butoxide	10	3000	4.8	ND	Pass
Chlorpyrifos	10	100	4.8	ND	Pass	Prallethrin	10	400	4.8	ND	Pass
Clofentezine	10	500	4.8	ND	Pass	Propiconazole	10	1000	4.8	ND	Pass
Coumaphos	10	100	4.8	ND	Pass	Propoxur	10	100	4.8	ND	Pass
Cyfluthrin	10	1000	4.8	ND	Pass	Pyrethrins	10	1000	4.8	150	Pass
Cypermethrin	10	1000	4.8	ND	Pass	Pyridaben	10	3000	4.8	ND	Pass
Daminozide	10	100	4.8	ND	Pass	Spinetoram J	10	3000	4.8	ND	Pass
Diazinon	10	200	4.8	ND	Pass	Spinetoram L	10	3000	4.8	ND	Pass
Dichlorvos	10	100	4.8	ND	Pass	Spinosyn A	10	3000	4.8	ND	Pass
Dimethoate	10	100	4.8	ND	Pass	Spinosyn D	10	3000	4.8	ND	Pass
Dimethomorph	10	3000	4.8	ND	Pass	Spiromesifen	10	3000	4.8	ND	Pass
Ethoprophos	10	100	4.8	ND	Pass	Spirotetramat	10	3000	4.8	ND	Pass
Etofenprox	10	100	4.8	ND	Pass	Spiroxamine	10	100	4.8	ND	Pass
Etoazazole	10	1500	4.8	ND	Pass	Tebuconazole	10	1000	4.8	ND	Pass
Fenhexamid	10	3000	4.8	ND	Pass	Thiacloprid	10	100	4.8	ND	Pass
Fenoxycarb	10	100	4.8	ND	Pass	Thiamethoxam	10	1000	4.8	ND	Pass
Fenpyroximate	10	2000	4.8	ND	Pass	Trifloxystrobin	10	3000	4.8	ND	Pass
Fipronil	10	100	4.8	ND	Pass	Captan	1	3000	220	ND	Pass
Flonicamid	10	2000	4.8	ND	Pass	Chlordane	1	100	43	ND	Pass
Fludioxonil	10	3000	4.8	ND	Pass	Methyl parathion	1	100	43	ND	Pass
Hexythiazox	10	2000	4.8	ND	Pass	Pentachloronitrobenzene	1	200	43	ND	Pass
Imazalil	10	100	4.8	ND	Pass						

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Retail Batch Date: N/A

Matrix: Non-Inhalable Product

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Microbials

Pass

Date Prepared: 12/21/23 09:00		Prep ID: BW		Specimen Prep: 1 g / 1 g	
Date Analyzed: 12/28/23 11:56		Analyst ID: JG		Instrument: QPCR/Plate	
Lab Batch: B23K022		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	
Listeria	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	
Date Prepared: 12/21/23 09:00		Prep ID: BW		Specimen Prep: 1 g / 1 g	
Date Analyzed: 12/28/23 11:57		Analyst ID: JG		Instrument: Plate	
Lab Batch: B23K023		Analysis Method: ACCU LAB SOP14			
Analyte	Action Limit	LOQ	Results	Status	
	cfu/g	cfu/g	cfu/g		
Total Yeast and Mold	100000	10000	<10000	Pass	

Mycotoxins

Pass

Date Prepared: 12/21/23 10:15

Date Analyzed: 12/21/23 16:25

Extracted By: NS

Analyzed By: AJ

Specimen Prep: 1.05 g / 10 mL

Instrument: LCMSMS

Lab Batch: B23K008

Analysis Method: ACCU LAB SOP18

Analyte	DIL	Action Limit	LOQ	Results	Status
		ppb	ppb	ppb	
aflatoxin B1	10	20	0.95	ND	Pass
aflatoxin B2	10	20	0.95	ND	Pass
aflatoxin G1	10	20	0.95	ND	Pass
aflatoxin G2	10	20	0.95	ND	Pass
ochratoxin A	10	20	0.95	ND	Pass

Date Prepared: 12/21/23 14:40

Date Analyzed: 12/22/23 11:37

Extracted By: NS

Analyzed By: KC

Specimen Prep: 1.04 g / 50 mL

Instrument: ICPMS

Lab Batch: B23L008

Analysis Method: ACCU LAB SOP19

Analyte	DIL	Action Limit	LOQ	Results	Status
		ppb	ppb	ppb	
Arsenic	1	1500	96	ND	Pass
Cadmium	1	500	96	ND	Pass
Lead	1	500	96	ND	Pass
Mercury	1	3000	96	ND	Pass

Heavy Metals

Pass

Water Activity

Pass

Date Prepared: 12/21/23 13:56		Prep ID: WM		Specimen Prep: 0.5 g / 0.5 g	
Date Analyzed: 12/21/23 13:56		Analyst ID: WM		Instrument: Rotronic Water Activity Probe	
Lab Batch: B23L018		Analysis Method: ACCU LAB SOP10			
Analyte	Action Limit	Result	Status		
	A_w	A_w			
Water Activity	0.85	0.48	Pass		

Foreign Materials

Pass

Date Prepared: 12/21/23 12:55		Prep ID: WM		Specimen Prep: 0.5 g / 0.5 g	
Date Analyzed: 12/21/23 13:56		Analyst ID: WM		Instrument: Visual Inspection	
Lab Batch: B23L018		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	150	Pass		
Total Contaminant Load - Heavy Metals	30,000	ND	Pass		
Total Contaminant Load - Pesticides	30,000	150	Pass		

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Residual Solvents
Pass

Date Prepared: 12/21/23 09:30
Date Analyzed: 12/21/23 13:38
Lab Batch: B23F075

Prep ID: SP
Analyst ID: SP

Specimen Prep: 0.1039 g / 1 mL
Instrument: Headspace GC-FID
Analysis Method: ACCU LAB SOP16

Analyte	DIL	Action Limit	LOQ	Results	Status
		ppm	ppm	ppm	
1,1-Dichloroethene	1	8	1.9	ND	Pass
1,2-Dichloroethane	1	2	1.9	ND	Pass
2-Propanol (IPA)	1	500	19	ND	Pass
Acetone	1	750	19	ND	Pass
Acetonitrile	1	60	19	ND	Pass
Benzene	1	1	0.19	ND	Pass
Butane	1	5000	9.6	ND	Pass
Chloroform	1	2	1.9	ND	Pass
Ethanol	1	5000	19	95	Pass
Ethyl acetate	1	400	1.9	7.6	Pass
Ethyl ether	1	500	1.9	ND	Pass
Ethylene oxide	1	5	1.9	ND	Pass
Methanol	1	250	19	ND	Pass
Methylene chloride	1	125	1.9	ND	Pass
n-Heptane	1	5000	1.9	ND	Pass
n-Hexane	1	250	0.38	ND	Pass
Pentane	1	750	0.64	ND	Pass
Propane	1	5000	19	19	Pass
Toluene	1	150	1.9	ND	Pass
Total xylenes	1	150	4.8	ND	Pass
Trichloroethene	1	25	1.9	ND	Pass

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