



## Treadwell Farms

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

## CBDA 2400 C

<b>Laboratory ID:</b>	KB05013-03	<b>Sample Date:</b>	02/04/26
<b>Sample Matrix:</b>	Tincture	<b>Received:</b>	02/05/26 14:46
<b>Batch Unit Size:</b>	58.2 g	<b>Completed:</b>	02/13/26 14:52
<b>Description:</b>	--		

### POTENCY SUMMARY (As Received)

<u>Total CBD</u>	<u>Total THC</u>	<u>Total Cannabinoids</u>
<b>4.42% (2,570 mg)</b>	<b>0.107% (62.3 mg)</b>	<b>4.97% (2,890 mg)</b>

Analyte	%	mg
CBD	2.36	1,370
CBDa	2.35	1,370
delta 9-THC	0.107	62.3
CBC	0.0718	41.8
CBG	0.0620	36.1
CBGa	0.0165	9.60
CBDV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
THCa	<LOQ	<LOQ
THCV	<LOQ	<LOQ

### TERPENES SUMMARY (Top Ten)

Total Terpenes  
**0.598%**

Analyte	%
d-Limonene	0.158
beta-Myrcene	0.0938
beta-Caryophyllene	0.0590
alpha-Bisabolol	0.0549
Ocimene, Total	0.0481
Guaiol	0.0475
alpha-Humulene	0.0385
Menthol	0.0209
Sabinene	0.0190
alpha-Terpineol	0.0176

### ANALYSIS SUMMARY

<b>Potency</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>		

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LOQ = Limit of Quantification    ND = Non-Detect    RPD = Relative Percent Difference    MDL = Method Detection Limit    PQL = Practical Quantitation Limit

# CBDA 2400 C

**Laboratory ID:** KB05013-03  
**Sample Matrix:** Tincture  
**Description:** --

**Sample Date:** 2/4/2026  
**Received:** 02/05/26 14:46  
**Completed:** 02/13/26 14:52

## Potency by HPLC

Batch: B6B0521  
 SOP: MCS-SOP-002

Prep By: 1044  
 Prep On: 2/6/26 09:19

Ana. By: 1005  
 Ana. On: 2/7/26 07:29

Initial (g): 0.1031  
 Final (g): 10

Analyte ( % )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( % )	Result	Diln	Reg. Limit	MDL	PQL
Total THC	0.107	1	0.3	0.00125	0.00970	Total CBD	4.42	10		0.0191	0.0970
delta 8-THC	ND	1		0.000611	0.00970	delta 9-THC	0.107	1	0.3	0.000669	0.00970
THCa	ND	1		0.000660	0.00970	THCV	ND	1		0.00142	0.00970
CBD	2.36	10		0.0127	0.0970	CBDa	2.35	10		0.00795	0.0970
CBDV	ND	1		0.000873	0.00970	CBC	0.0718	1		0.00293	0.00970
CBG	0.0620	1		0.000611	0.00970	CBGa	0.0165	1		0.000621	0.00970
CBN	ND	1		0.000737	0.00970						

## Terpene Screen by GC/MS

Batch: B6B1131  
 SOP: MCS-SOP-004

Prep By: 1005  
 Prep On: 2/12/26 10:07

Ana. By: 1005  
 Ana. On: 2/12/26 18:41

Initial (g): 0.1047  
 Final (g): 10

Analyte ( % )	Result	Diln	MDL	PQL	Analyte ( % )	Result	Diln	MDL	PQL
alpha-Pinene	0.00994	1	0.00478	0.00955	Camphene	ND	1	0.00478	0.00955
beta-Pinene	0.00808	1	0.00478	0.00955	3-Carene	ND	1	0.00478	0.00955
alpha-Terpinene	ND	1	0.00478	0.00955	Camphor	ND	1	0.00478	0.00955
d-Limonene	0.158	1	0.00478	0.00955	1,8-Cineole (Eucalyptol)	0.0166	1	0.00478	0.00955
gamma-Terpinene	ND	1	0.00478	0.00955	Terpinolene	ND	1	0.00478	0.00955
Isopulegol	ND	1	0.00478	0.00955	Linalool	ND	1	0.00478	0.00955
Geraniol	ND	1	0.00478	0.00955	beta-Caryophyllene	0.0590	1	0.00478	0.00955
alpha-Humulene	0.0385	1	0.00478	0.00955	cis-Nerolidol	ND	1	0.00478	0.00955
Caryophyllene oxide	ND	1	0.00478	0.00955	(+/-)-Fenchone	ND	1	0.00478	0.00955
(+/-)-Borneol	ND	1	0.00478	0.00955	(+)-Pulegone	ND	1	0.00478	0.00955
Cedrol	ND	1	0.00478	0.00955	Geranyl Acetate	ND	1	0.00478	0.00955
alpha-Bisabolol	0.0549	1	0.00478	0.00955	alpha-Phellandrene	ND	1	0.00478	0.00955
alpha-Terpineol	0.0176	1	0.00478	0.00955	Nerol	ND	1	0.00478	0.00955
Sabinene	0.0190	1	0.00478	0.00955	Valencene	ND	1	0.00478	0.00955
beta-Myrcene	0.0938	1	0.00478	0.00955	Sabinene Hydrate	ND	1	0.00478	0.00955
alpha-Cedrene	ND	1	0.00478	0.00955	Fenchyl Alcohol	0.00640	1	0.00478	0.00955
Guaiol	0.0475	1	0.00478	0.00955	trans-Nerolidol	ND	1	0.00478	0.00955
Isoborneol	ND	1	0.00478	0.00955	Ocimene, Total	0.0481	1	0.00478	0.00955
gamma-Terpineol	ND	1	0.00478	0.00955	Menthol	0.0209	1	0.00478	0.00955

## Residual Solvents by GC/MS-HS

Batch: B6B1112  
 SOP: MCS-SOP-003

Prep By: 1005  
 Prep On: 2/11/26 16:44

Ana. By: 1028  
 Ana. On: 2/12/26 00:45

Initial (g): 0.0241  
 Final (g): 20

Analyte ( mg/kg )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( mg/kg )	Result	Diln	Reg. Limit	MDL	PQL
Methanol	ND	1	250	41.5	124	Pentane	ND	1	750	16.6	49.8
Ethanol	34.1	1	5000	20.7	62.2	Ethyl Ether	ND	1	500	16.6	49.8
Acetone	ND	1	750	41.5	124	Isopropyl Alcohol (2-Propanol)	ND	1	500	16.6	49.8
Acetonitrile	ND	1	60	16.6	49.8	Methylene Chloride	ND	1	125	8.30	29.0
Hexane	ND	1	250	16.6	49.8	Ethyl Acetate	ND	1	400	12.4	29.0
Chloroform	ND	1	2	0.622	1.66	Benzene	ND	1	1	0.622	0.830
1,2-Dichloroethane	ND	1	2	0.830	1.66	Heptane	ND	1	5000	16.6	49.8
Trichloroethene (Trichloroethylene)	ND	1	25	1.24	16.6	Toluene	ND	1	150	16.6	49.8
m/p-Xylenes	ND	1	100	1.24	29.0	o-xylene	ND	1	50	1.24	29.0
1,1-Dichloroethylene	ND	1	8	1.24	4.15	Ethylene Oxide	ND	1	5	1.24	4.15
n-Butane	ND	1	5000	16.6	49.8	Propane	ND	1	5000	16.6	49.8

# CBDA 2400 C

**Laboratory ID:** KB05013-03  
**Sample Matrix:** Tincture  
**Description:** --

**Sample Date:** 2/4/2026  
**Received:** 02/05/26 14:46  
**Completed:** 02/13/26 14:52

## Foreign Matter

**Batch:** B6B1138 **Prep By:** 1048 **Ana. By:** 1048 **Initial (g):** 1  
**SOP:** MCS-SOP-G01 **Prep On:** 2/11/26 16:30 **Ana. On:** 2/11/26 16:40 **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:** B6B1128 **Prep By:** 1030 **Ana. By:** 1067 **Initial (g):** 0.1025  
**SOP:** MCS-SOP-001b **Prep On:** 2/12/26 09:36 **Ana. On:** 2/12/26 14:08 **Final (g):** 5

Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	ND	10	300	24.0	97.6	Acephate	ND	10	3000	19.1	97.6
Acequinocyl	ND	10	2000	22.8	97.6	Acetamiprid	ND	10	3000	29.6	97.6
Aldicarb	ND	10	100	25.1	97.6	Azoxystrobin	ND	10	3000	6.36	97.6
Bifenazate	ND	10	3000	7.17	97.6	Bifenthrin	ND	10	500	18.4	97.6
Boscalid	ND	10	3000	35.6	97.6	Chlorpyrifos	ND	10	100	8.63	97.6
Carbaryl	ND	10	500	14.1	488	Carbofuran	ND	10	100	4.47	97.6
Chlorantraniliprole	ND	10	3000	9.97	97.6	Chloromequat chloride	ND	10	3000	68.9	97.6
Clofentezine	ND	10	500	29.1	195	Coumaphos	ND	10	100	8.76	97.6
Cyfluthrin	ND	10	1000	52.1	488	Cypermethrin	ND	10	1000	22.2	488
Daminozide	ND	10	100	139	97.6	Diazinon	ND	10	200	6.23	97.6
Dichlorvos	ND	10	100	11.3	97.6	Dimethoate	ND	10	100	2.52	97.6
Dimethomorph, Total	ND	10	3000	4.88	195	Ethoprophos	ND	10	100	4.61	97.6
Etofenprox	ND	10	100	24.9	97.6	Etoazole	ND	10	1500	30.0	97.6
Fenhexamid	ND	10	3000	10.6	97.6	Fenoxycarb	ND	10	100	9.15	97.6
Fenpyroximate	ND	10	2000	10.8	97.6	Fipronil	ND	10	100	48.2	97.6
Fonicamid	ND	10	2000	13.5	97.6	Fludioxonil	ND	10	3000	21.5	97.6
Hexythiazox	ND	10	2000	11.4	97.6	Imazalil	ND	10	100	44.8	97.6
Imidacloprid	ND	10	3000	33.7	390	Kresoxim-Methyl	ND	10	1000	15.5	97.6
Malathion	ND	10	2000	21.0	195	Metalaxyl	ND	10	3000	8.73	97.6
Methiocarb	ND	10	100	23.1	97.6	Methomyl	ND	10	100	8.63	97.6
Mevinphos	ND	10	100	18.1	97.6	Myclobutanil	ND	10	3000	31.8	97.6
Dibrom (Naled)	ND	10	500	11.8	244	Oxamyl	ND	10	500	4.56	244
Paclbutrazol	ND	10	100	23.8	97.6	Permethrin	ND	10	1000	31.9	97.6
Phosmet	ND	10	200	17.9	97.6	Piperonyl butoxide	ND	10	3000	11.4	2930
Prallethrin	ND	10	400	10.8	97.6	Propiconazole (Tilt)	ND	10	1000	35.0	97.6
Pyridaben	ND	10	3000	12.2	195	Pyrethrins, Total	118	10	1000	21.4	97.6
Spinetoram, Total	ND	10	3000	22.9	97.6	Spiromesifen	ND	10	3000	4.37	97.6
Spirotetramat	ND	10	3000	13.0	97.6	Spiroxamine	ND	10	100	13.3	97.6
Tebuconazole	ND	10	1000	37.0	97.6	Thiacloprid	ND	10	100	28.2	97.6
Thiamethoxam	ND	10	1000	31.1	488	Trifloxystrobin	ND	10	3000	11.8	97.6
Baygon (Propoxur)	ND	10	100	10.6	97.6	Spinosad, Total	158	10	3000	8.66	97.6

## Pesticides by GC-QQQ

**Batch:** B6B1128 **Prep By:** 1030 **Ana. By:** 1067 **Initial (g):** 0.1025  
**SOP:** MCS-SOP-001a **Prep On:** 2/12/26 09:36 **Ana. On:** 2/12/26 15:14 **Final (g):** 5

Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	ND	5	200	33.4	73.2	Methyl parathion	ND	5	100	16.7	48.8
Captan	ND	5	3000	48.0	341	Chlordane, Total	ND	5	100	38.0	48.8
Chlorfenapyr	ND	5	100	42.5	48.8						

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Sample Matrix: Tincture  
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Sample Date: 2/4/2026  
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## Mycotoxins by LC-QQQ

Batch: B6B1128  
SOP: MCS-SOP-001b

Prep By: 1030  
Prep On: 2/12/26 09:36

Ana. By: 1067  
Ana. On: 2/12/26 22:19

Initial (g): 0.1025  
Final (g): 5

Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL	Analyte ( ug/kg )	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	ND	10	20	19.5	19.5	Ochratoxin A	ND	10	20	8.44	19.5
Aflatoxin G2	ND	10		14.5	19.5	Aflatoxin G1	ND	10		12.9	19.5
Aflatoxin B2	ND	10		17.9	19.5	Aflatoxin B1	ND	10		16.7	19.5

## Total Metals by ICP-MS

Batch: B6B1133  
SOP: MCS-SOP-I01

Prep By: 1029  
Prep On: 2/12/26 09:20

Ana. By: 1028  
Ana. On: 2/12/26 12:56

Initial (g): 0.2562  
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	19.5	97.6	Cadmium	ND	1	500	19.5	97.6
Lead	ND	1	500	48.8	244	Mercury	ND	1	3000	19.5	48.8

## Microbials by qPCR

Batch: B6B1118  
SOP: MCS-SOP-M01

Prep By: 1058  
Prep On: 2/12/26 08:08

Ana. By: 1005  
Ana. On: 2/13/26 10:30

Initial (g): 1.0044  
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: B6B1119  
SOP: MCS-SOP-M01

Prep By: 1005  
Prep On: 2/12/26 09:40

Ana. By: 1058  
Ana. On: 2/12/26 10:55

Initial (g): 1.0048  
Final (g): 7

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