

**Treadwell Farms**

190 Mary Street Umatilla, FL 32784  
(352) 771-2318  
Project 11/09/2023

**COMPLIANCE FOR RETAIL**

**Sample Name: Jack**

Lab Sample ID: F311040-01  
Retail Batch Total Wt/Vol: N/A  
Retail Batch Date: N/A

Matrix: Inhalable Flower  
Retail Batch Total Units: N/A  
Total Wt, Vol or Unit Sampled: 2

Date Sampled: 11/09/2023  
Date Received: 11/09/2023  
Date Reported: 11/27/2023



**Terpenes**  
Tested



**Heavy Metals**  
Pass



**Foreign Materials**  
Pass



**Microbiology**  
Pass



**Mycotoxins**  
Pass



**Residual Solvents**  
Not Tested



**Pesticides**  
Pass



**Moisture Content**  
Pass



**Water Activity**  
Pass



<b>Total Cannabinoids</b>	
<b>9.58%</b>	
<b>Major Cannabinoids</b>	
<b>Total CBD</b>	<b>Total THC</b>
<b>3.97%</b>	<b>0.232%</b>
<b>39.7 mg/g</b>	<b>2.32 mg/g</b>
<b>Minor Cannabinoids *</b>	
<b>CBGA</b>	<b>CBG</b>
<b>3.75%</b>	<b>0.630%</b>
<b>37.5 mg/g</b>	<b>6.30 mg/g</b>

**Terpenes Profile**

Date Prepared: 11/14/23 14:43      Prep ID: NS      Specimen Prep: 1 g / 10 mL  
Date Analyzed: 11/20/23 17:38      Analyzed ID: NS      Instrument: GCMS  
Lab Batch: B23K018      Prep/Analysis Method: ACCU LAB SOP17

Analyte	Dilution	LOQ	Results
		%	%
beta-Caryophyllene	1	0.0040	0.11
Guaiol	1	0.0040	0.10
alpha-Bisabolol	1	0.0040	0.098
alpha-Humulene	1	0.0040	0.036
Terpinol	1	0.0040	0.032
Caryophyllene Oxide	1	0.0040	0.026
alpha-Pinene	1	0.0040	0.022
beta-Myrcene	1	0.0040	0.022
trans-Nerolidol	1	0.0040	0.020
Linalool	1	0.0040	0.018
Fenchone	1	0.0040	0.014
Endo-fenchyl alcohol	1	0.0040	0.012
Terpinolene	1	0.0040	0.011
beta-Pinene	1	0.0040	0.0097
(-)-Isopulegol	1	0.0040	ND
alpha-Cedrene	1	0.0040	ND
alpha-Terpinene	1	0.0040	ND
Borneol	1	0.0040	ND
Camphene	1	0.0040	ND
Camphor	1	0.0040	ND
Cedrol	1	0.0040	ND
cis-Nerolidol	1	0.0040	ND
Delta-3-carene	1	0.0040	ND
d-Limonene	1	0.0040	ND
Eucalyptol	1	0.0040	ND
Farnesene	1	0.0040	ND
gamma-Terpinene	1	0.0040	ND
Geraniol	1	0.0040	ND
Geranyl acetate	1	0.0040	ND
Hexahydrothymol	1	0.0040	ND
Isoborneol	1	0.0040	ND
Nerol	1	0.0040	ND
Ocimene	1	0.0040	ND
p-Mentha-1,5-diene	1	0.0040	ND
Pulegone	1	0.0040	ND
Sabinene	1	0.0040	ND
Sabinene hydrate	1	0.0040	ND
Valencene	1	0.0040	ND

**Total Terpenes %      0.53**

**Potency as Received**

\* Most abundant

**Cannabinoids**

Date Prepared: 11/09/23 13:40      Prep ID: AJ      Specimen Prep: 0.2503 g / 10 mL  
Date Analyzed: 11/10/23 12:35      Analyst ID: SP      Instrument: HPLC  
Lab Batch: B23J028      Prep/Analysis Method: ACCU LAB SOP15

Analyte	Dilution	LOQ	Results	Results
		%	%	mg/g
CBC	10	0.0400	0.104	1.04
CBCA	10	0.0400	0.265	2.65
CBD	10	0.0400	0.103	1.03
CBDa	100	0.400	4.41	44.1
CBDV	10	0.0400	ND	ND
CBDVA	10	0.0400	0.056	0.560
CBG	10	0.0400	0.630	6.30
CBGA	10	0.0400	3.75	37.5
CBN	10	0.0400	ND	ND
delta-8-THC	10	0.0400	ND	ND
delta-9-THC	10	0.0400	0.048	0.480
THCA	10	0.0400	0.210	2.10
THCV	10	0.0400	ND	ND
THCVA	10	0.0400	ND	ND

Definitions and Abbreviations used in this report:

Total CBD = CBD + (CBD-A \* 0.877), Total THC = THCA-A \* 0.877 + Delta 9 THC

LOQ = Limit of Quantitation, LOD = Limit of Detection, DIL = Dilution Factor, (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (µg/g) = Microgram per Gram, (ppm) = Parts per Million, (N/A) Not Analyzed, (ND) Non-Detect. Total Contaminant Load (TCL) - The sum of all Heavy Metals and Agricultural Agents present above the LOQ, but below the Acceptable Limit.

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**PJLA**  
Testing  
Accreditation#: 109150

**Dr. Harry Bezhadi, PhD.**  
President, CEO



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## COMPLIANCE FOR RETAIL

**Sample Name: Jack**

Lab Sample ID: F311040-01

Retail Batch Total Wt/Vol: N/A

Retail Batch Date: N/A

Matrix: Inhalable Flower

Retail Batch Total Units: N/A

Total Wt, Vol or Unit Sampled: 2

Date Sampled: 11/09/2023

Date Received: 11/09/2023

Date Reported: 11/27/2023

### Pesticides

Date Prepared: 11/14/23 09:18

Date Analyzed: 11/22/23 17:42

Batch: B23K010

Prep ID: NS

Analyst ID: AJ

Specimen Prep: 1 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	100	5.0	ND	Pass	Imidacloprid	10	400	5.0	ND	Pass
Acephate	10	100	5.0	ND	Pass	Kresoxim methyl	10	100	5.0	ND	Pass
Acequinocyl	10	100	5.0	ND	Pass	Malathion	10	200	5.0	ND	Pass
Acetamiprid	10	100	5.0	ND	Pass	Metalaxyl	10	100	5.0	ND	Pass
Aldicarb	10	100	5.0	ND	Pass	Methiocarb	10	100	5.0	ND	Pass
Azoxystrobin	10	100	5.0	ND	Pass	Methomyl	10	100	5.0	ND	Pass
Bifenazate	10	100	5.0	ND	Pass	Mevinphos	10	100	5.0	ND	Pass
Bifenthrin	10	100	5.0	19	Pass	Myclobutanil	10	100	5.0	ND	Pass
Boscalid	10	100	5.0	ND	Pass	Naled	10	250	5.0	ND	Pass
Carbaryl	10	500	5.0	ND	Pass	Oxamyl	10	500	5.0	ND	Pass
Carbofuran	10	100	5.0	ND	Pass	Paclbutrazol	10	100	5.0	ND	Pass
Chlorantraniliprole	10	1000	5.0	ND	Pass	Permethrin	10	100	5.0	ND	Pass
Chlorfenapyr	10	100	5.0	ND	Pass	Phosmet	10	100	5.0	ND	Pass
Chloromequat	10	1000	5.0	ND	Pass	Piperonyl butoxide	10	3000	5.0	ND	Pass
Chlorpyrifos	10	100	5.0	ND	Pass	Prallethrin	10	100	5.0	ND	Pass
Clofentezine	10	200	5.0	ND	Pass	Propiconazole	10	100	5.0	ND	Pass
Coumaphos	10	100	5.0	ND	Pass	Propoxur	10	100	5.0	ND	Pass
Cyfluthrin	10	500	5.0	ND	Pass	Pyrethrins	10	500	5.0	ND	Pass
Cypermethrin	10	500	5.0	ND	Pass	Pyridaben	10	200	5.0	ND	Pass
Daminozide	10	100	5.0	ND	Pass	Spinetoram J	10	200	5.0	ND	Pass
Diazinon	10	100	5.0	ND	Pass	Spinetoram L	10	200	5.0	ND	Pass
Dichlorvos	10	100	5.0	ND	Pass	Spinosyn A	10	100	5.0	ND	Pass
Dimethoate	10	100	5.0	ND	Pass	Spinosyn D	10	100	5.0	ND	Pass
Dimethomorph	10	200	5.0	ND	Pass	Spiromesifen	10	100	5.0	ND	Pass
Ethoprophos	10	100	5.0	ND	Pass	Spirotetramat	10	100	5.0	ND	Pass
Etofenprox	10	100	5.0	ND	Pass	Spiroxamine	10	100	5.0	ND	Pass
Etoazole	10	100	5.0	ND	Pass	Tebuconazole	10	100	5.0	ND	Pass
Fenhexamid	10	100	5.0	ND	Pass	Thiacloprid	10	100	5.0	ND	Pass
Fenoxycarb	10	100	5.0	ND	Pass	Thiamethoxam	10	500	5.0	ND	Pass
Fenpyroximate	10	100	5.0	ND	Pass	Captan	1	700	120	ND	Pass
Fipronil	10	100	5.0	ND	Pass	Chlordane	1	100	25	ND	Pass
Fonicamid	10	100	5.0	ND	Pass	Methyl parathion	1	100	25	ND	Pass
Fludioxonil	10	100	5.0	ND	Pass	Pentachloronitrobenzene	1	150	25	ND	Pass
Hexythiazox	10	100	5.0	ND	Pass						
Imazalil	10	100	5.0	ND	Pass						

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Retail Batch Date: N/A

Matrix: Inhalable Flower  
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### Microbials

Pass

Date Prepared: 11/16/23 09:00    Prep ID: BW    Specimen Prep: 1 g / 1 g  
Date Analyzed: 11/20/23 13:56    Analyst ID: JG    Instrument: QPCR/Plate

Lab Batch: B23J056    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: 11/16/23 09:00    Prep ID: BW    Specimen Prep: 1 g / 1 g  
Date Analyzed: 11/20/23 13:57    Analyst ID: JG    Instrument: Plate

Lab Batch: B23J057    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: 11/14/23 09:18    Extracted By: NS    Specimen Prep: 1 g / 10 mL  
Date Analyzed: 11/15/23 17:26    Analyzed By: AJ    Instrument: LCMSMS

Lab Batch: B23K010    Analysis Method: ACCU LAB SOP18

Analyte	DIL	Action Limit	LOQ	Results	Status
		ppb	ppb	ppb	
aflatoxin B1	10	20	1.0	ND	Pass
aflatoxin B2	10	20	1.0	ND	Pass
aflatoxin G1	10	20	1.0	ND	Pass
aflatoxin G2	10	20	1.0	ND	Pass
ochratoxin A	10	20	1.0	ND	Pass

### Heavy Metals

Pass

Date Prepared: 11/14/23 14:30    Extracted By: JG    Specimen Prep: 1.06 g / 50 mL  
Date Analyzed: 11/14/23 18:02    Analyzed By: JG    Instrument: ICPMS

Lab Batch: B23J032    Analysis Method: ACCU LAB SOP19

Analyte	DIL	Action Limit	LOQ	Results	Status
		ppb	ppb	ppb	
Arsenic	1	200	94	ND	Pass
Cadmium	1	200	94	ND	Pass
Lead	1	500	94	ND	Pass
Mercury	1	200	94	ND	Pass

### Water Activity

Pass

Date Prepared: 11/14/23 14:47    Prep ID: WM    Specimen Prep: 1 g / 1 g  
Date Analyzed: 11/14/23 14:47    Analyst ID: WM    Instrument: Rotronic Water Activity Probe

Lab Batch: B23K016    Analysis Method: ACCU LAB SOP10

Analyte	Action Limit	Result	Status
	A <sub>w</sub>	A <sub>w</sub>	
Water Activity	0.65	0.45	Pass

### Moisture Content

Pass

Date Prepared: 11/14/23 14:47    Prep ID: WM    Specimen Prep: 1 g / 1 g  
Date Analyzed: 11/14/23 14:47    Analyst ID: WM    Instrument: OHAUS MB90

Lab Batch: B23K016    Analysis Method: ACCU LAB SOP11

Analyte	Action Limit	Result	Status
	%	%	
Percent Moisture	15	8.0	Pass

### Foreign Materials

Pass

Date Prepared: 11/14/23 08:58    Prep ID: WM    Specimen Prep: 1 g / 1 g  
Date Analyzed: 11/14/23 14:47    Analyst ID: WM    Instrument: Visual Inspection

Lab Batch: B23K016    Analysis Method: ACCU LAB SOP04

Analyte	Action Limit (% by wt)	Results	Status
Foreign Material	1%	Pass	Pass

Analyte	Action Limit	Results	Status
	ppb	ppb	
Total Contaminant Load - Overall Sum	5,000	19.0	Pass
Total Contaminant Load - Heavy Metals	5,000	ND	Pass
Total Contaminant Load - Pesticides	5,000	19.0	Pass

### Cannabinoids (dry weight corrected)

Date Prepared: 11/09/23 13:40    Prep ID: AJ    Specimen Prep: 1 / 1  
Date Analyzed: 11/10/23 12:35    Analyst ID: SP    Instrument: HPLC

Lab Batch: B23J028    Prep/Analysis Method: ACCU LAB SOP15

Analyte	Dilution	LOQ	Results	Results
		%	%	mg/g
CBC	10	0.0434	0.113	1.13
CBCA	10	0.0434	0.288	2.88
CBD	10	0.0434	0.112	1.12
CBDA	100	0.434	4.80	48.0
CBDV	10	0.0434	ND	ND
CBDVA	10	0.0434	0.0604	0.604
CBG	10	0.0434	0.685	6.85
CBGA	10	0.0434	4.08	40.8
CBN	10	0.0434	ND	ND
delta-8-THC	10	0.0434	ND	ND
delta-9-THC	10	0.0434	0.0517	0.517
THCA	10	0.0434	0.228	2.28
THCV	10	0.0434	ND	ND
THCVA	10	0.0434	ND	ND

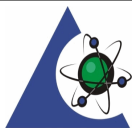
**0.252%**  
**Total THC**

**4.32%**  
**Total CBD**

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