

R01-RES-092

Lab Sample Number: F508131-01 - Date reported: August 25, 2025

**Client:** Treadwell Farms  
**Address:** 190 Mary Street Umatilla, FL 32784  
**Phone:** (352) 771-2318  
**Project:** R01-REL-092

**Lab Sample Number:** F508131-01



**Manufacturer Permit Number:** 2026-R-2168806

**Date Sampled:** 08/14/2025  
**Date Received:** 08/14/2025

**Compliance for Retail**

## SUMMARY

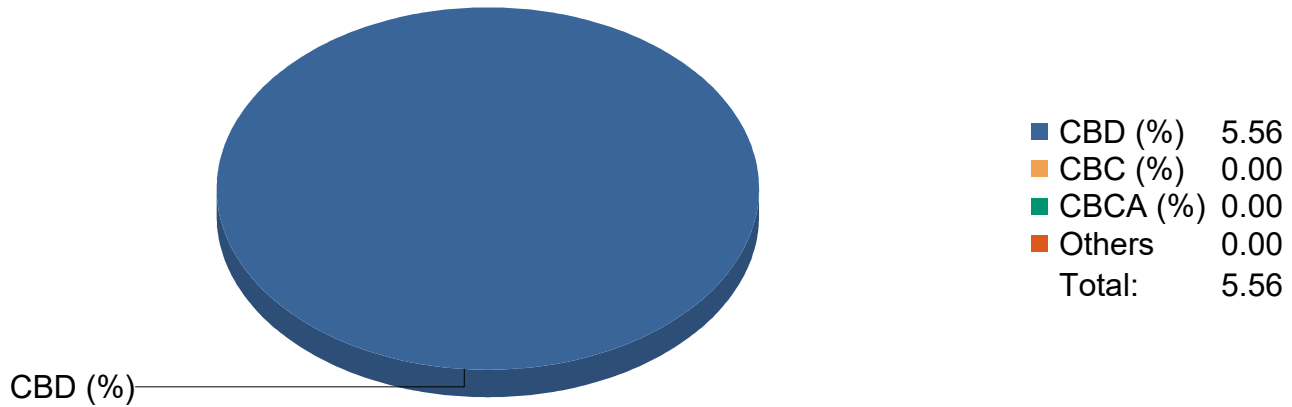
|   |   |   |  |
|---|---|---|--|
| <br><b>THC &amp; CBD</b><br><b>POTENCY</b><br><br><span style="color: green; font-weight: bold;">Tested</span> | <br><b>TERPENES</b><br><br><span style="color: green; font-weight: bold;">Not Tested</span>            | <br><b>PESTICIDES</b><br><br><span style="color: green; font-weight: bold;">Pass</span>       | <br><b>HEAVY METALS</b><br><br><span style="color: green; font-weight: bold;">Pass</span>             |
| <br><b>RESIDUAL SOLVENTS</b><br><br><span style="color: green; font-weight: bold;">Pass</span>               | <br><b>MICROBIAL TESTING</b><br><br><span style="color: green; font-weight: bold;">Pass</span>       | <br><b>MYCOTOXINS</b><br><br><span style="color: green; font-weight: bold;">Pass</span>     | <br><b>MOISTURE CONTENT</b><br><br><span style="color: green; font-weight: bold;">Not Tested</span> |
|   | <br><b>FOREIGN MATERIALS</b><br><br><span style="color: green; font-weight: bold;">Not Tested</span> | <br><b>WATER ACTIVITY</b><br><br><span style="color: green; font-weight: bold;">Pass</span> |  |

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### Cannabinoids Summary Profile



**5.56%**  
Total  
Cannabinoids

**< LOQ**  
**Δ9-THC**

**ND%**  
Total THC

**5.56%**  
Total CBD

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**Potency (as Received)**

**Tested**

Date Prepared: 08/19/2025  
 Date Analyzed: 08/21/2025  
 Lab Batch: B25H024

Prep ID: KC  
 Analyst ID: TL

Sample Prep: 0.2639 g / 10 mL  
 Prep/Analysis Method: ACCU LAB SOP15  
 Instrument: HPLC-DAD

| Analyte                               | CAS Number                  | Dilution | LOQ %  | Results     |             |
|---------------------------------------|-----------------------------|----------|--------|-------------|-------------|
|                                       |                             |          |        | %           | mg/g        |
| Cannabichromene (CBC)                 | <a href="#">20675-51-8</a>  | 20       | 0.0200 | ND          | ND          |
| Cannabichromenic acid (CBCA)          | <a href="#">185505-15-1</a> | 20       | 0.0200 | ND          | ND          |
| <b>Cannabidiol (CBD)</b>              | <a href="#">13956-29-1</a>  | 20       | 0.0200 | <b>5.56</b> | <b>55.6</b> |
| Cannabidiolic acid (CBDA)             | <a href="#">1244-58-2</a>   | 20       | 0.0200 | ND          | ND          |
| Cannabidivarin (CBDV)                 | <a href="#">24274-48-4</a>  | 20       | 0.0200 | ND          | ND          |
| Cannabidivarinic acid (CBDVA)         | <a href="#">31932-13-5</a>  | 20       | 0.0200 | ND          | ND          |
| Cannabigerol (CBG)                    | <a href="#">25654-31-3</a>  | 20       | 0.0200 | ND          | ND          |
| Cannabigerolic acid (CBGA)            | <a href="#">25555-57-1</a>  | 20       | 0.0200 | ND          | ND          |
| Cannabinol (CBN)                      | <a href="#">521-35-7</a>    | 20       | 0.0200 | ND          | ND          |
| Δ8-Tetrahydrocannabinol (Δ8-THC)      | <a href="#">5957-75-5</a>   | 20       | 0.0200 | ND          | ND          |
| Δ9-Tetrahydrocannabinol (Δ9-THC)      | <a href="#">1972-08-3</a>   | 20       | 0.0200 | ND          | ND          |
| Δ9-Tetrahydrocannabinolic acid (THCA) | <a href="#">23978-85-0</a>  | 20       | 0.0200 | ND          | ND          |
| Tetrahydrocannabivarin (THCV)         | <a href="#">31262-37-0</a>  | 20       | 0.0200 | ND          | ND          |
| Tetrahydrocannabivarinic acid (THCVA) | <a href="#">39986-26-0</a>  | 20       | 0.0200 | ND          | ND          |

**Definitions and Abbreviations:**

Total CBD = CBD + (CBDA \* 0.877), Total THC = THCA \* 0.877 + Delta 9 THC, LOQ = Limit of Quantitation, ND = Non-Detect.

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PJLA Testing  
 Accreditation#: 109150



Dr. Harry Behzadi, PhD.  
 President, CEO



R01-RES-092

Lab Sample Number: F508131-01 - Date reported: August 25, 2025

## Pesticides

Pass

**Date Prepared:** 08/19/2025      **Prep ID:** KC      **Sample Prep:** 1.0216 g / 10 mL  
**Date Analyzed:** 08/19/2025      **Analyst ID:** AJ      **Instrument:** LC-MS/MS  
**Lab Batch:** B25H005

**Analysis Method:** ACCU LAB SOP18

| Analyte             | Dil. | Action Limit<br>ppb | LOQ<br>ppb | Results<br>ppb | Status |
|---------------------|------|---------------------|------------|----------------|--------|
| Abamectin           | 20   | 300                 | 9.8        | ND             | Pass   |
| Acephate            | 20   | 3000                | 9.8        | ND             | Pass   |
| Acequinocyl         | 20   | 2000                | 9.8        | ND             | Pass   |
| Acetamiprid         | 20   | 3000                | 9.8        | ND             | Pass   |
| Aldicarb            | 20   | 100                 | 9.8        | ND             | Pass   |
| Azoxystrobin        | 20   | 3000                | 9.8        | ND             | Pass   |
| Bifenazate          | 20   | 3000                | 9.8        | ND             | Pass   |
| Bifenthrin          | 20   | 500                 | 9.8        | ND             | Pass   |
| Boscalid            | 20   | 3000                | 9.8        | ND             | Pass   |
| Carbaryl            | 20   | 500                 | 9.8        | ND             | Pass   |
| Carbofuran          | 20   | 100                 | 9.8        | ND             | Pass   |
| Chlorantraniliprole | 20   | 3000                | 9.8        | ND             | Pass   |
| Chlorfenapyr        | 20   | 100                 | 9.8        | ND             | Pass   |
| Chlormequat         | 20   | 3000                | 9.8        | ND             | Pass   |
| Chlorpyrifos        | 20   | 100                 | 9.8        | ND             | Pass   |
| Clofentezine        | 20   | 500                 | 9.8        | ND             | Pass   |
| Coumaphos           | 20   | 100                 | 9.8        | ND             | Pass   |
| Cyfluthrin          | 20   | 1000                | 9.8        | ND             | Pass   |
| Cypermethrin        | 20   | 1000                | 9.8        | ND             | Pass   |
| Daminozide          | 20   | 100                 | 9.8        | ND             | Pass   |
| Diazinon            | 20   | 200                 | 9.8        | ND             | Pass   |
| Dichlorvos          | 20   | 100                 | 9.8        | ND             | Pass   |
| Dimethoate          | 20   | 100                 | 9.8        | ND             | Pass   |
| Dimethomorph        | 20   | 3000                | 9.8        | ND             | Pass   |
| Ethoprophos         | 20   | 100                 | 9.8        | ND             | Pass   |
| Etofenprox          | 20   | 100                 | 9.8        | ND             | Pass   |
| Etoxazole           | 20   | 1500                | 9.8        | ND             | Pass   |
| Fenhexamid          | 20   | 3000                | 9.8        | ND             | Pass   |
| Fenoxycarb          | 20   | 100                 | 9.8        | ND             | Pass   |
| Fenpyroximate       | 20   | 2000                | 9.8        | ND             | Pass   |
| Fipronil            | 20   | 100                 | 9.8        | ND             | Pass   |
| Flonicamid          | 20   | 2000                | 9.8        | ND             | Pass   |
| Fludioxonil         | 20   | 3000                | 9.8        | ND             | Pass   |
| Hexythiazox         | 20   | 2000                | 9.8        | ND             | Pass   |
| Imazalil            | 20   | 100                 | 9.8        | ND             | Pass   |
| Imidacloprid        | 20   | 3000                | 9.8        | ND             | Pass   |

| Analyte               | Dil. | Action Limit<br>ppb | LOQ<br>ppb | Results<br>ppb | Status |
|-----------------------|------|---------------------|------------|----------------|--------|
| Kresoxim methyl       | 20   | 1000                | 9.8        | ND             | Pass   |
| Malathion             | 20   | 2000                | 9.8        | ND             | Pass   |
| Metaxalyl             | 20   | 3000                | 9.8        | ND             | Pass   |
| Methiocarb            | 20   | 100                 | 9.8        | ND             | Pass   |
| Methomyl              | 20   | 100                 | 9.8        | ND             | Pass   |
| Mevinphos             | 20   | 100                 | 9.8        | ND             | Pass   |
| Myclobutanil          | 20   | 3000                | 9.8        | ND             | Pass   |
| Naled                 | 20   | 500                 | 9.8        | ND             | Pass   |
| Oxamyl                | 20   | 500                 | 9.8        | ND             | Pass   |
| Paclobutrazol         | 20   | 100                 | 9.8        | ND             | Pass   |
| Permethrin            | 20   | 1000                | 9.8        | ND             | Pass   |
| Phosmet               | 20   | 200                 | 9.8        | ND             | Pass   |
| Piperonyl butoxide    | 20   | 3000                | 9.8        | ND             | Pass   |
| Prallethrin           | 20   | 400                 | 9.8        | ND             | Pass   |
| Propiconazole         | 20   | 1000                | 9.8        | ND             | Pass   |
| Propoxur              | 20   | 100                 | 9.8        | ND             | Pass   |
| Pyrethrins            | 20   | 1000                | 9.8        | ND             | Pass   |
| Pyridaben             | 20   | 3000                | 9.8        | ND             | Pass   |
| Spinetoram J          | 20   | 3000                | 9.8        | ND             | Pass   |
| Spinetoram L          | 20   | 3000                | 9.8        | ND             | Pass   |
| Spinosyn A            | 20   | 3000                | 9.8        | ND             | Pass   |
| Spinosyn D            | 20   | 3000                | 9.8        | ND             | Pass   |
| Spiromesifen          | 20   | 3000                | 9.8        | ND             | Pass   |
| Spirotetramat         | 20   | 3000                | 9.8        | ND             | Pass   |
| Spiroxamine           | 20   | 100                 | 9.8        | ND             | Pass   |
| Tebuconazole          | 20   | 1000                | 9.8        | ND             | Pass   |
| Thiacloprid           | 20   | 100                 | 9.8        | ND             | Pass   |
| Thiamethoxam          | 20   | 1000                | 9.8        | ND             | Pass   |
| Trifloxystrobin       | 20   | 3000                | 9.8        | ND             | Pass   |
| Chlordane             | 1    | 100                 | 25         | ND             | Pass   |
| Methyl parathion      | 1    | 100                 | 25         | ND             | Pass   |
| Pentachloronitrobenze | 1    | 200                 | 25         | ND             | Pass   |

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## Mycotoxins

**Pass**

**Date Prepared:** 08/19/2025      **Extracted By:** KC      **Sample Prep:** 1.0216 g / 10 mL  
**Date Analyzed:** 08/19/2025      **Analyzed By:** AJ      **Instrument:** LC-MS/MS  
**Lab Batch:** B25H005      **Analysis Method:** ACCU LAB SOP18

| Analyte      | CAS Number                | Dil. | Action Limit<br>ppb | LOQ<br>ppb | Results<br>ppb | Status |
|--------------|---------------------------|------|---------------------|------------|----------------|--------|
| Aflatoxin B1 | <a href="#">1162-65-8</a> | 20   | 20                  | 2.0        | ND             | Pass   |
| Aflatoxin B2 | <a href="#">7220-81-7</a> | 20   | 20                  | 2.0        | ND             | Pass   |
| Aflatoxin G1 | <a href="#">1165-39-5</a> | 20   | 20                  | 2.0        | ND             | Pass   |
| Aflatoxin G2 | <a href="#">7241-98-7</a> | 20   | 20                  | 2.0        | ND             | Pass   |
| Ochratoxin A | <a href="#">303-47-9</a>  | 20   | 20                  | 2.0        | ND             | Pass   |

**Definitions and Abbreviations:**  
 LOQ = Limit of Quantitation, Dil. = Dilution Factor, ppb = parts per billion, (ND) = Non-Detect.

## Heavy Metals

**Pass**

**Date Prepared:** 08/20/2025      **Digested By:** KF      **Sample Prep:** 1.01 g / 50 mL  
**Date Analyzed:** 08/21/2025      **Analyzed By:** JG      **Instrument:** ICP-MS  
**Lab Batch:** B25H029      **Analysis Method:** ACCU LAB SOP19

| Analyte | CAS Number                | Dil. | Action Limit<br>ppb | LOQ<br>ppb | Results<br>ppb | Status |
|---------|---------------------------|------|---------------------|------------|----------------|--------|
| Arsenic | <a href="#">7440-38-2</a> | 1    | 1500                | 100        | ND             | Pass   |
| Cadmium | <a href="#">7440-43-9</a> | 1    | 500                 | 100        | ND             | Pass   |
| Lead    | <a href="#">7439-92-1</a> | 1    | 500                 | 100        | ND             | Pass   |
| Mercury | <a href="#">7439-97-6</a> | 1    | 3000                | 100        | ND             | Pass   |

**Definitions and Abbreviations:**  
 LOQ = Limit of Quantitation, Dil. = Dilution Factor, (ppb) = parts per billion, (ND) = Non-Detect.

## Total Contaminant Load

| Total Contaminant Load                           | Action Limit<br>ppb | Results<br>ppb | Status |
|--|---------------------|----------------|--------|
| Total Contaminant Load - Pesticides & Herbicides | 30,000              | ND             | Pass   |
| Total Contaminant Load - Heavy Metals            | 30,000              | ND             | Pass   |
| Total Contaminant Load - Overall Sum             | 30,000              | ND             | Pass   |

**Total Contaminant Load (TCL):** The sum of all Heavy Metals and Agricultural Agents present above the LOQ.

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**Microbials**

**Pass**

Date Prepared: 08/19/2025

Date Analyzed: 08/21/2025

Lab Batch: B25G015

Analysis Method: ACCU LAB SOP14 (Microbials Analysis)

| Analyte                  | Action Limit    | Sample Prep | ID Prep/ Analyst | Results   |                    |                        |               | Status |
|--------------------------|-----------------|-------------|------------------|-----------|--------------------|------------------------|---------------|--------|
|                          |                 |             |                  | LOQ CFU/g | Quantitation CFU/g | Quantitative Technique | PCR Detection |        |
| Total Yeast and Mold     | 100000 CFU/ 1 m | 1 mL / 1 mL | EG/EG            | 10000     | ND                 | Plate                  | N/A           | Pass   |
| Aspergillus Flavus       | 1 CFU/ 1 mL     | 1 mL / 1 mL | EG/ES            | 1         | N/A                | N/A                    | ND            | Pass   |
| Aspergillus Fumigatus    | 1 CFU/ 1 mL     | 1 mL / 1 mL | EG/ES            | 1         | N/A                | N/A                    | ND            | Pass   |
| Aspergillus Niger        | 1 CFU/ 1 mL     | 1 mL / 1 mL | EG/ES            | 1         | N/A                | N/A                    | ND            | Pass   |
| Aspergillus Terreus      | 1 CFU/ 1 mL     | 1 mL / 1 mL | EG/ES            | 1         | N/A                | N/A                    | ND            | Pass   |
| E. coli specific gene    | 1 CFU/ 1 mL     | 1 mL / 1 mL | EG/ES            | 1         | N/A                | N/A                    | ND            | Pass   |
| E. coli/shigella spp.    | 1 CFU/ 1 mL     | 1 mL / 1 mL | EG/ES            | 1         | N/A                | N/A                    | ND            | Pass   |
| Salmonella specific gene | 1 CFU/ 1 mL     | 1 mL / 1 mL | EG/ES            | 1         | N/A                | N/A                    | ND            | Pass   |
| Stx1 gene                | 1 CFU/ 1 mL     | 1 mL / 1 mL | EG/ES            | 1         | N/A                | N/A                    | ND            | Pass   |
| Stx2 gene                | 1 CFU/ 1 mL     | 1 mL / 1 mL | EG/ES            | 1         | N/A                | N/A                    | ND            | Pass   |

**Definitions and Abbreviations:**

LOQ = Limit of Quantitation, (CFU/g) = Colony Forming Unit per gram, (ND) = Non-Detect.

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## Residual Solvents

**Pass**

**Date Prepared:** 08/20/2025      **Prep ID:** DH      **Sample Prep:** 0.1146 g / 1 mL  
**Date Analyzed:** 08/20/2025      **Analyst ID:** DH      **Instrument:** Headspace GC-FID  
**Lab Batch:** B25H050      **Analysis Method:** ACCU LAB SOP16

| Analyte            | CAS Number                | DIL | Action Limit<br>ppm | LOQ<br>ppm | Results<br>ppm | Status |
|--------------------|---------------------------|-----|---------------------|------------|----------------|--------|
| 1,1-Dichloroethene | <a href="#">75-35-4</a>   | 1   | 8                   | 1.7        | ND             | Pass   |
| 1,2-Dichloroethane | <a href="#">107-06-2</a>  | 1   | 2                   | 1.7        | ND             | Pass   |
| 2-Propanol (IPA)   | <a href="#">67-63-0</a>   | 1   | 500                 | 17         | ND             | Pass   |
| Acetone            | <a href="#">67-64-1</a>   | 1   | 750                 | 17         | ND             | Pass   |
| Acetonitrile       | <a href="#">75-05-8</a>   | 1   | 60                  | 17         | ND             | Pass   |
| Benzene            | <a href="#">71-43-2</a>   | 1   | 1                   | 0.17       | ND             | Pass   |
| Butane             | <a href="#">106-97-8</a>  | 1   | 5000                | 8.7        | ND             | Pass   |
| Chloroform         | <a href="#">67-66-3</a>   | 1   | 2                   | 1.7        | ND             | Pass   |
| Ethanol            | <a href="#">64-17-5</a>   | 1   | 5000                | 17         | ND             | Pass   |
| Ethyl acetate      | <a href="#">141-78-6</a>  | 1   | 400                 | 1.7        | ND             | Pass   |
| Ethyl ether        | <a href="#">60-29-7</a>   | 1   | 500                 | 1.7        | ND             | Pass   |
| Ethylene oxide     | <a href="#">75-21-8</a>   | 1   | 5                   | 1.7        | ND             | Pass   |
| Methanol           | <a href="#">67-56-1</a>   | 1   | 250                 | 17         | ND             | Pass   |
| Methylene chloride | <a href="#">75-09-2</a>   | 1   | 125                 | 1.7        | ND             | Pass   |
| n-Heptane          | <a href="#">142-82-5</a>  | 1   | 5000                | 1.7        | ND             | Pass   |
| <b>n-Hexane</b>    | <a href="#">110-54-3</a>  | 1   | 250                 | 0.35       | <b>0.52</b>    | Pass   |
| <b>Pentane</b>     | <a href="#">109-66-0</a>  | 1   | 750                 | 0.58       | <b>5.1</b>     | Pass   |
| Propane            | <a href="#">74-98-6</a>   | 1   | 5000                | 17         | ND             | Pass   |
| Toluene            | <a href="#">108-88-3</a>  | 1   | 150                 | 1.7        | ND             | Pass   |
| Total Xylenes      | <a href="#">1330-20-7</a> | 1   | 150                 | 4.4        | ND             | Pass   |
| Trichloroethene    | <a href="#">79-01-6</a>   | 1   | 25                  | 1.7        | ND             | Pass   |

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## Water Activity

**Pass**

**Date Prepared:** 08/21/2025      **Prep ID:** DEB      **Sample Prep:** 0.5 g / 0.5 g  
**Date Analyzed:** 08/21/2025      **Analyst ID:** DEB      **Instrument:** Rotronic Water Activity Probe  
**Lab Batch:** B25H056      **Analysis Method:** ACCU LAB SOP10

| Analyte        | Action Limit<br>A <sub>w</sub> | Result<br>A <sub>w</sub> | Status |
|----------------|--------------------------------|--------------------------|--------|
| Water Activity | 0.85                           | 0.47                     | Pass   |

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