# Certificate of Analysis

**State of FL OMMU License Number: CMTL-006**
**ISO/IEC 17025 ACCREDITATION # 109150**

**Treadwell Farms**
190 Mary Street Umatilla, FL 32784
(352) 771-2318
R01-REL-091

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: R01-REL-091**
Lab Sample ID: F508130-01
Retail Batch Total Wt/Vol: N/A
Retail Batch Date: N/A

Matrix: Liquid Fats (Oils)
Retail Batch Total Units: N/A
Total Wt, Vol or Unit Sampled: 1

Date Sampled: 08/14/2025
Date Received: 08/14/2025
Date Reported: 08/25/2025

| Terpenes | Heavy Metals | Foreign Materials | Microbiology | Mycotoxins | Residual Solvents | Pesticides & Herbicides | Moisture Content | Water Activity |
|---|---|---|---|---|---|---|---|---|
| Not Tested | Pass | Not Tested | Pass | Pass | Pass | Pass | Not Tested | Pass |




**ND%**
**Total THC**

**5.52%**
**Total CBD**

## Potency (as Received)

### Cannabinoids

Date Prepared: 08/19/25 13:34
Date Analyzed: 08/21/25 14:13
Lab Batch: B25H024

Prep ID: KC
Analyst ID: TL

Specimen Prep: 0.2539 g / 10 mL
Instrument: HPLC
Prep/Analysis Method: ACCU LAB SOP15

| Analyte | Dilution | LOQ | Results | Results |
|---|---|---|---|---|
| | | % | % | mg/g |
| Cannabichromene (CBC) | 20 | 0.0200 | ND | ND |
| Cannabichromenic acid (CBCA) | 20 | 0.0200 | ND | ND |
| Cannabidiol (CBD) | 20 | 0.0200 | 5.52 | 55.2 |
| Cannabidiolic acid (CBDA) | 20 | 0.0200 | ND | ND |
| Cannabidivarin (CBDV) | 20 | 0.0200 | ND | ND |
| Cannabidivarinic acid (CBDVA) | 20 | 0.0200 | ND | ND |
| Cannabigerol (CBG) | 20 | 0.0200 | ND | ND |
| Cannabigerolic acid (CBGA) | 20 | 0.0200 | ND | ND |
| Cannabinol (CBN) | 20 | 0.0200 | ND | ND |
| delta-8-Tetrahydrocannabinol (delta-8-THC) | 20 | 0.0200 | ND | ND |
| delta-9-Tetrahydrocannabinol (delta-9-THC) | 20 | 0.0200 | ND | ND |
| delta-9-Tetrahydrocannabinolic acid (THCA) | 20 | 0.0200 | ND | ND |
| Tetrahydrocannabivarin (THCV) | 20 | 0.0200 | ND | ND |
| Tetrahydrocannabivarinic acid (THCVA) | 20 | 0.0200 | 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.
This report shall not be reproduced except in its entirety without the written approval of Accuscience Laboratories. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. This laboratory is accredited in accordance with International Standard ISO/IEC 17025.

PJLA Testing
Accreditation#: 109150

Dr. Harry Bezhadi, PhD.
President, CEO

# Certificate of Analysis

**State of FL OMMU License Number: CMTL-006**
**ISO/IEC 17025 ACCREDITATION # 109150**

**Treadwell Farms**
190 Mary Street Umatilla, FL 32784
(352) 771-2318
R01-REL-091

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: R01-REL-091

Lab Sample ID: F508130-01
Retail Batch Total Wt/Vol: N/A
Retail Batch Date: N/A
Matrix: Liquid Fats (Oils)
Retail Batch Total Units: N/A
Total Wt, Vol or Unit Sampled: 1

Date Sampled: 08/14/2025
Date Received: 08/14/2025
Date Reported: 08/25/2025

### Pesticides

Date Prepared: 08/19/25 13:41
Date Analyzed: 08/19/25 17:16
Batch: B25H005
Prep ID: KC
Analyst ID: AJ
Specimen Prep: 1.018 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 | 20 | 300 | 9.8 | ND | Pass | Imidacloprid | 20 | 3000 | 9.8 | ND | Pass |
| Acephate | 20 | 3000 | 9.8 | ND | Pass | Kresoxim methyl | 20 | 1000 | 9.8 | ND | Pass |
| Acequinocyl | 20 | 2000 | 9.8 | ND | Pass | Malathion | 20 | 2000 | 9.8 | ND | Pass |
| Acetamiprid | 20 | 3000 | 9.8 | ND | Pass | Metalaxyl | 20 | 3000 | 9.8 | ND | Pass |
| Aldicarb | 20 | 100 | 9.8 | ND | Pass | Methiocarb | 20 | 100 | 9.8 | ND | Pass |
| Azoxystrobin | 20 | 3000 | 9.8 | ND | Pass | Methomyl | 20 | 100 | 9.8 | ND | Pass |
| Bifenazate | 20 | 3000 | 9.8 | ND | Pass | Mevinphos | 20 | 100 | 9.8 | ND | Pass |
| Bifenthrin | 20 | 500 | 9.8 | ND | Pass | Myclobutanil | 20 | 3000 | 9.8 | ND | Pass |
| Boscalid | 20 | 3000 | 9.8 | ND | Pass | Naled | 20 | 500 | 9.8 | ND | Pass |
| Carbaryl | 20 | 500 | 9.8 | ND | Pass | Oxamyl | 20 | 500 | 9.8 | ND | Pass |
| Carbofuran | 20 | 100 | 9.8 | ND | Pass | Paclobutrazol | 20 | 100 | 9.8 | ND | Pass |
| Chlorantraniliprole | 20 | 3000 | 9.8 | ND | Pass | Permethrin | 20 | 1000 | 9.8 | ND | Pass |
| Chlorfenapyr | 20 | 100 | 9.8 | ND | Pass | Phosmet | 20 | 200 | 9.8 | ND | Pass |
| Chlormequat | 20 | 3000 | 9.8 | ND | Pass | **Piperonyl butoxide** | 400 | 3000 | 200 | **1900** | Pass |
| Chlorpyrifos | 20 | 100 | 9.8 | ND | Pass | Prallethrin | 20 | 400 | 9.8 | ND | Pass |
| Clofentezine | 20 | 500 | 9.8 | ND | Pass | Propiconazole | 20 | 1000 | 9.8 | ND | Pass |
| Coumaphos | 20 | 100 | 9.8 | ND | Pass | Propoxur | 20 | 100 | 9.8 | ND | Pass |
| Cyfluthrin | 20 | 1000 | 9.8 | ND | Pass | Pyrethrins | 20 | 1000 | 9.8 | ND | Pass |
| Cypermethrin | 20 | 1000 | 9.8 | ND | Pass | Pyridaben | 20 | 3000 | 9.8 | ND | Pass |
| Daminozide | 20 | 100 | 9.8 | ND | Pass | Spinetoram J | 20 | 3000 | 9.8 | ND | Pass |
| Diazinon | 20 | 200 | 9.8 | ND | Pass | Spinetoram L | 20 | 3000 | 9.8 | ND | Pass |
| Dichlorvos | 20 | 100 | 9.8 | ND | Pass | Spinosyn A | 20 | 3000 | 9.8 | ND | Pass |
| Dimethoate | 20 | 100 | 9.8 | ND | Pass | Spinosyn D | 20 | 3000 | 9.8 | ND | Pass |
| Dimethomorph | 20 | 3000 | 9.8 | ND | Pass | Spiromesifen | 20 | 3000 | 9.8 | ND | Pass |
| Ethoprophos | 20 | 100 | 9.8 | ND | Pass | Spirotetramat | 20 | 3000 | 9.8 | ND | Pass |
| Etofenprox | 20 | 100 | 9.8 | ND | Pass | Spiroxamine | 20 | 100 | 9.8 | ND | Pass |
| Etoxazole | 20 | 1500 | 9.8 | ND | Pass | Tebuconazole | 20 | 1000 | 9.8 | ND | Pass |
| Fenhexamid | 20 | 3000 | 9.8 | ND | Pass | Thiacloprid | 20 | 100 | 9.8 | ND | Pass |
| Fenoxycarb | 20 | 100 | 9.8 | ND | Pass | Thiamethoxam | 20 | 1000 | 9.8 | ND | Pass |
| Fenpyroximate | 20 | 2000 | 9.8 | ND | Pass | Trifloxystrobin | 20 | 3000 | 9.8 | ND | Pass |
| Fipronil | 20 | 100 | 9.8 | ND | Pass | Chlordane | 1 | 100 | 24 | ND | Pass |
| Flonicamid | 20 | 2000 | 9.8 | ND | Pass | Methyl parathion | 1 | 100 | 24 | ND | Pass |
| Fludioxonil | 20 | 3000 | 9.8 | ND | Pass | Pentachloronitrobenzene | 1 | 200 | 24 | ND | Pass |
| Hexythiazox | 20 | 2000 | 9.8 | ND | Pass | | | | | | |
| Imazalil | 20 | 100 | 9.8 | ND | Pass | | | | | | |

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.

This report shall not be reproduced except in its entirety without the written approval of Accuscience Laboratories. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. This laboratory is accredited in accordance with International Standard ISO/IEC 17025.

PJLA Testing
Accreditation#: 109150

Dr. Harry Bezhadi, PhD.
President, CEO

# Certificate of Analysis

**State of FL OMMU License Number: CMTL-006**
**ISO/IEC 17025 ACCREDITATION # 109150**


**Treadwell Farms**
190 Mary Street Umatilla, FL 32784
(352) 771-2318
R01-REL-091


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: R01-REL-091

Lab Sample ID: F508130-01
Retail Batch Total Wt/Vol: N/A
Retail Batch Date: N/A
Matrix: Liquid Fats (Oils)
Retail Batch Total Units: N/A
Total Wt, Vol or Unit Sampled: 1

Date Sampled: 08/14/2025
Date Received: 08/14/2025
Date Reported: 08/25/2025

### Microbials — Pass

Date Prepared: 08/19/25 11:30 | Prep ID: EG | Specimen Prep: 1 mL / 1 mL
Date Analyzed: 08/20/25 14:12 | Analyst ID: ES | Instrument: PCR
Lab Batch: B25G015 | Analysis Method: ACCU LAB SOP14

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

Date Prepared: 08/19/25 11:30 | Prep ID: EG | Specimen Prep: 1 mL / 1 mL
Date Analyzed: 08/21/25 11:26 | Analyst ID: EG | Instrument: Plate
Lab Batch: B25G015 | Analysis Method: ACCU LAB SOP14

| Analyte | Action Limit | LOQ | Results | Status |
|---|---|---|---|---|
| | cfu/g | cfu/g | cfu/g | |
| Total Yeast and Mold | 100000 | 10000 | ND | Pass |

### Mycotoxins — Pass

Date Prepared: 08/19/25 13:41 | Extracted By: KC | Specimen Prep:1.018 g / 10 mL
Date Analyzed: 08/19/25 17:16 | Analyzed By: AJ | Instrument: LCMSMS
Lab Batch: B25H005 | Analysis Method: ACCU LAB SOP18

| Analyte | DIL | Action Limit | LOQ | Results | Status |
|---|---|---|---|---|---|
| | | ppb | ppb | ppb | |
| Aflatoxin B1 | 20 | 20 | 2.0 | ND | Pass |
| Aflatoxin B2 | 20 | 20 | 2.0 | ND | Pass |
| Aflatoxin G1 | 20 | 20 | 2.0 | ND | Pass |
| Aflatoxin G2 | 20 | 20 | 2.0 | ND | Pass |
| Ochratoxin A | 20 | 20 | 2.0 | ND | Pass |

### Heavy Metals — Pass

Date Prepared: 08/20/25 07:09 | Extracted By: KF | Specimen Prep: 1.02 g / 50 mL
Date Analyzed: 08/20/25 15:37 | Analyzed By: JG | Instrument: ICPMS
Lab Batch: B25H029 | Analysis Method: ACCU LAB SOP19

| Analyte | DIL | Action Limit | LOQ | Results | Status |
|---|---|---|---|---|---|
| | | ppb | ppb | ppb | |
| Arsenic | 1 | 1500 | 100 | ND | Pass |
| Cadmium | 1 | 500 | 100 | ND | Pass |
| Lead | 1 | 500 | 100 | ND | Pass |
| Mercury | 1 | 3000 | 100 | ND | Pass |

### Water Activity — Pass

Date Prepared: 08/21/25 10:38 | Prep ID: DEB | Specimen Prep: 0.5 g / 0.5 g
Date Analyzed: 08/21/25 10:38 | Analyst ID: DEB | Instrument: Rotronic Water Activity Probe
Lab Batch: B25H056 | Analysis Method: ACCU LAB SOP10

| Analyte | Action Limit | Result | Status |
|---|---|---|---|
| | $A_w$ | $A_w$ | |
| Water Activity | 0.85 | 0.53 | Pass |

### Total Contaminant Load

| | Action Limit | Results | Status |
|---|---|---|---|
| | ppb | ppb | |
| Total Contaminant Load - Overall Sum | 30,000 | 1,900 | Pass |
| Total Contaminant Load - Heavy Metals | 30,000 | ND | Pass |
| Total Contaminant Load - Pesticides & Herbicides | 30,000 | 1,900 | Pass |

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.


This report shall not be reproduced except in its entirety without the written approval of Accuscience Laboratories. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. This laboratory is accredited in accordance with International Standard ISO/IEC 17025.


PJLA Testing
Accreditation#: 109150

Dr. Harry Bezhadi, PhD.
President, CEO

# Certificate of Analysis

**State of FL OMMU License Number: CMTL-006**
**ISO/IEC 17025 ACCREDITATION # 109150**

**Treadwell Farms**
190 Mary Street Umatilla, FL 32784
(352) 771-2318
R01-REL-091

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: R01-REL-091

Lab Sample ID: F508130-01
Retail Batch Total Wt/Vol: N/A
Retail Batch Date: N/A
Matrix: Liquid Fats (Oils)
Retail Batch Total Units: N/A
Total Wt, Vol or Unit Sampled: 1

Date Sampled: 08/14/2025
Date Received: 08/14/2025
Date Reported: 08/25/2025

### Residual Solvents — Pass

Date Prepared: 08/20/25 10:57
Date Analyzed: 08/20/25 18:57
Lab Batch: B25H050
Prep ID: DH
Analyst ID: DH
Specimen Prep: 0.1178 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 | 1.7 | 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 | 8.5 | 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 | 0.34 | ND | Pass |
| Pentane | 1 | 750 | 0.57 | 6.1 | Pass |
| Propane | 1 | 5000 | 17 | ND | Pass |
| Toluene | 1 | 150 | 1.7 | ND | Pass |
| Total Xylenes | 1 | 150 | 4.2 | ND | Pass |
| Trichloroethene | 1 | 25 | 1.7 | ND | Pass |

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.
This report shall not be reproduced except in its entirety without the written approval of Accuscience Laboratories. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. This laboratory is accredited in accordance with International Standard ISO/IEC 17025.

PJLA Testing
Accreditation#: 109150

Dr. Harry Bezhadi, PhD.
President, CEO