

Comprehensive Analysis Report

Sample Overview

Client: ProHemp, LLC Sample Name: ProHemp T-free 1000 Natural Tincture Sample Matrix: Tincture Sample Lot: nh1000c b 344 21 344

Date Received: 01/28/2022 APRC #: OTC220128U

| Assay | Disposition | Date Tested |
|----------------------|-------------|----------------|
| Residual Solvents | Tested | 01-31-2022 |
| Solvents | | |
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Instrument Analysis Report

Residual Solvents

Method: 1-2027.02 Sample Name: ProHemp T-free 1000 Natural Tincture

APRC Lot Number: OTC220128U

| Residual Solvent | Finding (µg/g) | Action Level (µg/g) | Pass/Fai |
|-------------------------|----------------|---------------------|----------|
| Dimethyl sulfoxide | ND | 5000 | Pass |
| N,N-dimethylacetamide | ND | 1090 | Pass |
| 1,2 Dimethoxyethane | ND | 100 | Pass |
| 1,4 Dioxane | ND | 380 | Pass |
| 1-Butanol | ND | 5000 | Pass |
| 1-Pentanol | ND | 5000 | Pass |
| 1-Propanol | ND | 5000 | Pass |
| 2-Butanone | ND | 5000 | Pass |
| 2-Butanol | ND | 5000 | Pass |
| 2-Ethoxyethanol | ND | 160 | Pass |
| 2-Methylbutane | ND | 5000 | Pass |
| 2-Propanol | 8.455 | 5000 | Pass |
| Acetone | ND | 5000 | Pass |
| Acetonitrile | ND | 410 | Pass |
| Benzene | ND | 2 | Pass |
| Butane | ND | 5000 | Pass |
| Cumene | ND | 70 | Pass |
| Cyclohexane | ND | 3880 | Pass |
| Dichloromethane | ND | 600 | Pass |
| 2,2-Dimethylbutane | ND | 290 | Pass |
| 2,3-Dimethylbutane | ND | 290 | Pass |
| m,p-Xylene | ND | See Total Xylenes | Pass |
| o-Xylene | ND | See Total Xylenes | Pass |
| Ethanol | ND | 5000 | Pass |
| Ethyl Acetate | ND | 5000 | Pass |
| Ethyl Benzene | ND | See Total Xylenes | Pass |
| Ethyl Ether | ND | 5000 | Pass |
| Ethylene Glycol | ND | 620 | Pass |
| Ethylene Oxide | ND | 50 | Pass |

| Residual Solvent | Finding (µg/g) | Action Level (µg/g) | Pass/Fail |
|-------------------------|----------------|---------------------|-----------|
| Heptane | 18.661 | 5000 | Pass |
| Hexane | ND | 290 | Pass |
| Isopropyl Acetate | ND | 5000 | Pass |
| Methanol | ND | 3000 | Pass |
| Methylpropane | ND | 5000 | Pass |
| 2-Methylpentane | ND | 290 | Pass |
| 3-Methylpentane | ND | 290 | Pass |
| N,N-Dimethylformamide | ND | 880 | Pass |
| Pentane | ND | 5000 | Pass |
| Propane | ND | 5000 | Pass |
| Pyridine | ND | 100 | Pass |
| Sulfolane | ND | 160 | Pass |
| Tetrahydrofuran | ND | 720 | Pass |
| Toluene | ND | 890 | Pass |
| Total Xylenes | ND | 2170 | Pass |

† Per Utah state code 4-41a-701(3) Section R68-29-6
‡ Total Xylenes is a combination of the following: o-Xylene, m-Xylene, p-Xylene, and Ethylbenzene

Overall Disposition: <u>Pass</u> Performed By: <u>William Deutschman</u> Reviewed By: <u>Riley Hunter</u>

Approved By: Riley Hunter 02/01/2022

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Comprehensive Analysis Report

Sample Overview

Client: ProHemp, LLC Sample Name: ProHemp T-free 1000 Natural Tincture Sample Matrix: Tincture Sample Lot: nh1000c b 344 21 344

Date Received: 01/28/2022 APRC #: OTC220128U

| Assay | Disposition | Date Tested |
|------------------------|-------------|----------------|
| Cannabinoid Testing | Tested | 01-31-2022 |
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Instrument Analysis Report

Potency

Method: SOP 1-2026.01 Sample Name: ProHemp T-free 1000 Natural Tincture APRC Lot Number: OTC220128U

| Cannabinoid | RT | Total % | Total mg/g |
|------------------------------|------|---------|------------|
| Cannabidivarin | 2.27 | 0.02 | 0.17 |
| Cannabidiolic Acid | ND | ND | ND |
| Cannabigerolic Acid | ND | ND | ND |
| Cannabigerol | ND | ND | ND |
| Cannabidiol | 3.35 | 3.64 | 36.44 |
| Tetrahydrocannabivarin | ND | ND | ND |
| Cannabinol | ND | ND | ND |
| Delta-9-Tetrahydrocannabinol | ND | ND | ND |
| Delta-8-Tetrahydrocannabinol | ND | ND | ND |
| Cannabichromene | ND | ND | ND |
| Tetrahydrocannabinolic acid | ND | ND | ND |

Performed by: Spencer Kipfmueller

Reviewed by: Cierra Gunn

| | % | mg/g |
|------------------------|------|-------|
| Total Cannabinoids | 3.66 | 36.61 |
| Total THC ^t | ND | ND |
| Total CBD ^s | 3.64 | 36.44 |
| | | |

^tTotal Thc is calculated by Δ 9-THC +(THCA-A*0.877) ^sTotal CBD is calculated by CBD + (CBDA*0.877)

Cima L

Approved By: Cierra Gunn 02/01/2022



PCR-Microarray Analysis Report

Microbial Certificate of Analysis

| Client: | ProHemp, LLC | Date Received: | 01/28/2022 |
|----------------|-----------------------------|----------------|------------|
| Sample Name: | ProHemp T-free 1000 Natural | Date Tested: | 01/28/2022 |
| | Tincture | | |
| Sample Matrix: | | APRC #: | OTC220128U |
| Sample Lot: | nh1000c b 344 21 344 | BL N | |

| Total Counts | | | |
|--|--------|----------------------------|-------------|
| Group | Result | Specification ⁺ | Disposition |
| Total Aerobic Bacteria | 2,300 | Report Only | Tested |
| Total Bile Tolerant Gram-Negative Bacteria | 300 | Report Only | Tested |
| Total Enterobacteria/Coliforms | 300 | Report Only | Tested |
| Total Yeast and Mold | 100 | Report Only | Tested |
| | | i | |

| Specific Organism Identification | | | |
|-----------------------------------|--------|----------------------------|-------------|
| Organism | Result | Specification ⁺ | Disposition |
| Aspergillus flavus | ND | Report Only | Tested |
| Aspergillus fumigatus | ND | Report Only | Tested |
| Aspergillus niger | ND | Report Only | Tested |
| Aspergillus terreus | ND | Report Only | Tested |
| Escherichia coli – Non shigella | ND | Report Only | Tested |
| Escherichia coli – Shigella spp.‡ | ND | Report Only | Tested |
| Listeria monocytogenes | ND | Report Only | Tested |
| Salmonella – Specific Gene | ND | Report Only | Tested |
| Staphylococcus aureus | ND | Report Only | Tested |
| Pseudomonas aeruginosa | ND | Report Only | Tested |

† - Per Utah State R68-29-8 requirements

‡ - Interpretation is based on presence of Shigella specific genes along with positive findings of STX1 and STX2 genes.

Analyzed by: J. Morley

Notes:

Foreign Matter: ND

Reviewed by: C. Gunn

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ProHemp T-free 1000 Natural Tincture_nh1000c b 344 21 344_OTC220128U_1282022_1742 PM _038

Sample ID: OTC220128U

Date acquired: 1/29/2022 4:20:04 AM

Acquired by: Admin

Data File: C:\LabSolutions\Data\ProHemp T-free 1000 Natural Tincture_nh1000c b 344 21 344_OTC220128U_1282022_1742 PM_038.lcd

Vial: 50 | Inj. Volume: 1.0000uL | Tray: 1

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|--|---------------------|-------|------|---------------|------------------|
| Acaumond | Abamectin B1a | | ppm | 0.5 ppm limit | LOQ = 0.0005 ppm |
| Accumpind | Acephate | | | 0.4 ppm limit | LOQ = 0.0005 ppm |
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| Addicade | Acetamiprid | | | 0.2 ppm limit | |
| Acongention | Aldicarb | | | | · · |
| Bitentinin | Azoxystrobin | | | 0.2 ppm limit | LOQ = 0.0005 ppm |
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| Cholorapyio | Carbofuran | | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
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| Chlogyrifa | Chlorfenapyr | | ppm | 1 ppm limit | LOQ = 0.0005 ppm |
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| Thiamethoxam ppm 0.2 ppm limit LOQ = 0.0005 ppm | | | | | |
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| Trifloxystrobin ppm 0.2 ppm limit LOQ = 0.0005 ppm | | | | | |
| | Trifloxystrobin | | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |

Comment: Pass



Comprehensive Analysis Report

Sample Overview

Client: ProHemp, LLC Sample Name: ProHemp T-free 1000 Natural Tincture Sample Matrix: Tincture Sample Lot: nh1000c b 344 21 344

Date Received: 01/28/2022 APRC #: OTC220128U

| Assay | Disposition | Date Tested |
|--|-------------|----------------|
| Heavy Metals - Utah State Cannabis Panel | Tested | 02-02-2022 |

< 0.001



Pass

Heavy Metals

| ethod: CTLA | Sample Name: ProHer | I Tincture APRC Lot Nu | re APRC Lot Number: OTC220128 | |
|-------------|---------------------|------------------------|-------------------------------|-----------|
| Analyte | Result (ppm) | LOD (ppm) | Threshold (ppm) | Pass/Fail |
| Arsenic | <0.001 | 0.001 | 2.00 | Pass |
| Cadmium | <0.001 | 0.001 | 0.82 | Pass |
| Lead | 0.004 | 0.001 | 1.20 | Pass |

0.40

0.001

Heavy metal analysis is completed in partnership with Contract Testing Laboratories of America, Orem UT.

Performed by: CTLA

Mercury

Reviewed by: Cierra Gunn

Cima L

Approved By: Cierra Gunn 02/02/2022

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