

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		

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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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



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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Accumpind	Acephate			0.4 ppm limit	LOQ = 0.0005 ppm
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Addicade	Acetamiprid			0.2 ppm limit	
Acongention	Aldicarb				· ·
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	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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