



## Healer Products Certificates of Analysis (COA)

Dear Healer Patron,

We are committed to producing high quality, clean, and accurately labeled cannabis products to help you feel your best. As you'll see in the following pages, we invest in the most thorough testing available in our region, not just for the content of medicinal components, but also for the absence of pesticides, toxic solvents, heavy metals, and microbiological contaminants.

To be transparent and earn your trust, our third-party laboratory certificates of analysis are attached.

Having previously owned and participated in a cannabis analytic laboratory for several years, I understand the inherent challenges related to reproducibility, calibration, and validation with peer laboratories. In the cannabis analytic industry, potency results are considered accurate within 10% deviation from the actual value. That's why after Healer performs its own internal analytics, we send samples of our bulk extracts and final products to at least one third-party lab, and sometimes two.

If you have any questions about the data on the following pages, we'd love to hear from you. Thank you for choosing Healer and taking a powerful step for your good health.

Sincerely,

Dr. Dustin Sulak

## CANNABINOIDS

Cannabinoid	Concentration mg/ml
<b>TOTAL</b>	<b>51.792</b>
CBC	1.760
CBCA	
CBD	41.000
CBDA	6.960
CBDV	
CBDVA	
CBG	0.772
CBGA	
CBL	
CBLA	
CBN	
CBNA	
$\Delta^8$ -THC	
$\Delta^9$ -THC	1.300
$\Delta^{10}$ -THC	
EXO-THC	
THCA	
THCV	
THCVA	
3 <sup>rd</sup> Party Tested By:	Nova Analytic Labs
3 <sup>rd</sup> Party Testing ID:	WPH.T.21.002-CANNAB NAL-210927-016

### Product Type:

6:1 CBD:CBDA Tincture

### Product Expiration Date:

10/01/2023

### COA Issue Date:

10/01/2021

**Ingredients:** Organic MCT Coconut Oil, MOFGA Certified Clean Maine Industrial Hemp <0.3% THC, Traces of Ethyl Alcohol (Ethanol).

**Strains:** Lifter, Silver Haze, Sour Space Candy, Hawaiian Haze

# Whole Plant CBD Drops

Batch ID: WPH.T.21.002



## RESIDUAL SOLVENTS

TEST	RESULTS
Ethanol	Pass-6540µg/g Detected (6.54mg/g)
3 <sup>rd</sup> Party Tested By:	Nova Analytic Labs
3 <sup>rd</sup> Party Testing ID:	WPH.T.21.002-CONT NAL-210927-018

\*For full list of solvents see attached

## MICROBIOLOGICAL CONTAMINANTS

TEST	RESULTS
Enterobacter	Pass-None Detected
Coliform	Pass-None Detected
Aerobic Bacteria	Pass-None Detected
Yeast and Mold	Pass-None Detected
Salmonella	Pass-None Detected
E.Coli	Pass-None Detected
3 <sup>rd</sup> Party Tested By:	Nova Analytic Labs
3 <sup>rd</sup> Party Testing ID:	WPH.T.21.002-CONT NAL-210927-018

## HEAVY METALS

TEST	RESULTS
Arsenic	Pass-None Detected
Cadmium	Pass-None Detected
Lead	Pass-None Detected
Mercury	Pass-None Detected
3 <sup>rd</sup> Party Tested By:	Nova Analytic Labs
3 <sup>rd</sup> Party Testing ID:	WPH.T.21.002-CONT NAL-210927-018

## PESTICIDES

TEST	RESULT
Bifenthrin	Pass-None Detected
Cyfluthrin	Pass-None Detected
Daminozide	Pass-None Detected
Etoxazole	Pass-None Detected
Imazalil	Pass-None Detected
Myclobutanil	Pass-None Detected
Spiromesifen	Pass-None Detected
Trifloxystrobin	Pass-None Detected
3 <sup>rd</sup> Party Tested By:	Nova Analytic Labs
3 <sup>rd</sup> Party Testing ID:	WPH.T.21.002-CONT NAL-210927-018

## TERPENES

Terpene	Concentration mg/ml
<b>TOTAL</b>	<b>1.560</b>
<b>PERCENT BY Wt</b>	<b>0.167%</b>
$\beta$ -Caryophyllene	0.479
$\alpha$ -Humulene	
D-Limonene	
$\alpha$ -Pinene	0.227
$\beta$ -Myrcene	0.852
$\beta$ -Pinene	
Linalool	
Camphene	
$\alpha$ -Bisabolol	
$\gamma$ -Terpinene	
Terpinolene	
P-Cymene	
Isopulegol	
Geraniol	
Cis-Nerolidol	
Eucalyptol	
$\Delta^3$ -Carene	
Caryophyllene Oxide	
$\beta$ -Ocimene	
$\alpha$ -Terpinene	
$\alpha$ -Ocimene	
Trans-Nerolidol	
3 <sup>rd</sup> Party Tested By:	Nova Analytic Labs
3 <sup>rd</sup> Party Testing ID:	WPH.T.21.002-TERP NAL-210927-017

\*Data Converted from mg/g to mg/ml using density of 0.9340g/ml taken from WPH.T.21.002-CANNAB (NAL-210927-016)

**3<sup>rd</sup> Party  
Lab Results  
Attached**



# CERTIFICATE OF ANALYSIS

\* FOR QUALITY ASSURANCE PURPOSES. NOT A MAINE COMPLIANCE CERTIFICATE.

**WPH.T.21.002-CANNAB (TINCTURE) // PRODUCED: SEP 27, 2021**

**CLIENT: HEALER HEMP LLC // BATCH: PASSED AS MAINE INDUSTRIAL HEMP**



**BATCH NO.:** WPH.T.21.002  
**MATRIX:** TINCTURE  
**DENSITY:** 0.9340 g/ml  
**SAMPLE ID:** NAL-210927-016  
**COLLECTED ON:** SEP 27, 2021  
**RECEIVED ON:** SEP 27, 2021  
**SAMPLE SIZE:** 3.183 G  
**SAMPLED BY:** SARAH CHRIST  
**RECEIVED BY:** DEVIN DUTRISAC

## CANNABINOID OVERVIEW

<b>CBD:</b>	<b>4.39 %</b>
<b>CBDA:</b>	<b>0.745 %</b>
<b>TOTAL CANNABINOIDS:</b>	<b>5.54 %</b>

## MANUFACTURER INFO

**MANUFACTURER**  
HEALER HEMP LLC  
119 ORION ST  
BRUNSWICK, MAINE 04011

**LICENSE**  
CGR26424  
MEDICINAL - CAREGIVER

**BATCH RESULT: PASSED AS MAINE INDUSTRIAL HEMP**

**POTENCY** PASS

## CAN.1: POTENCY & CANNABINOID PROFILE BY HPLC-UV PREPARATION: SEP 27, 2021 // ANALYSIS: SEP 27, 2021

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/ml)	PASS/FAIL
CBC	0.188 %	1.76 mg/ml		0.0999/0.500	N/A
CBCA	< LOQ	< LOQ		0.0999/0.500	N/A
CBD	4.39 %	41.0 mg/ml		0.0999/0.500	N/A
CBDA	0.745 %	6.96 mg/ml		0.0999/0.500	N/A
CBDV	< LOQ	< LOQ		0.0999/0.500	N/A
CBDVA	ND	ND		0.0999/0.500	N/A
CBG	0.0827 %	0.772 mg/ml		0.0999/0.500	N/A
CBGA	< LOQ	< LOQ		0.0999/0.500	N/A
CBL	ND	ND		0.0999/0.500	N/A
CBLA	ND	ND		0.0999/0.500	N/A
CBN	ND	ND		0.0999/0.500	N/A

ANALYTE	LIMIT	AMT	AMT	LOD/LOQ (mg/ml)	PASS/FAIL
CBNA		ND	ND	0.0999/0.500	N/A
Δ <sup>8</sup> -THC		ND	ND	0.0999/0.500	N/A
Δ <sup>9</sup> -THC		0.139 %	1.30 mg/ml	0.0999/0.500	N/A
Δ <sup>10</sup> -THC		ND	ND	0.0999/0.500	N/A
EXO-THC		ND	ND	0.0999/0.500	N/A
THCA	< LOQ	< LOQ		0.0999/0.500	N/A
THCV	< LOQ	< LOQ		0.0999/0.500	N/A
THCVA		ND	ND	0.0999/0.500	N/A
TOTAL THC **		0.139 %	1.30 mg/ml		N/A
TOTAL CBD **		5.04 %	47.1 mg/ml		N/A

\*\* TOTAL THC = (THCA X 0.877) + THC  
\*\* TOTAL CBD = (CBDA X 0.877) + CBD  
Reported on an as received basis  
1000 µg/g = 1 mg/g



**RESULTS CERTIFIED BY:**  
BARRY CHAFFIN  
COO, NOVA ANALYTIC LABS  
SEP 27, 2021

**RESULTS CERTIFIED BY:**  
GREG NEWLAND  
CSO, NOVA ANALYTIC LABS  
SEP 27, 2021

**RESULTS CERTIFIED BY:**  
CHRIS ALTOMARE  
CEO, NOVA ANALYTIC LABS  
SEP 27, 2021

[https://lims.tagleaf.com/coa\\_/8vYaYgNKXM](https://lims.tagleaf.com/coa_/8vYaYgNKXM)

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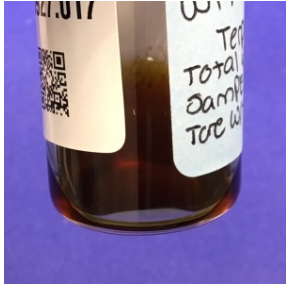
**END OF REPORT**

## CERTIFICATE OF ANALYSIS

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**WPH.T.21.002-TERP (TINCTURE) // PRODUCED: SEP 28, 2021**

**CLIENT: HEALER HEMP LLC // BATCH: PASSED AS MAINE INDUSTRIAL HEMP**



**BATCH NO.:** WPH.T.21.002  
**MATRIX:** TINCTURE  
**SAMPLE ID:** NAL-210927-017  
**COLLECTED ON:** SEP 27, 2021  
**RECEIVED ON:** SEP 27, 2021  
**SAMPLE SIZE:** 2.970 G  
**SAMPLED BY:** SARAH CHRIST  
**RECEIVED BY:** DEVIN DUTRISAC



**NOVA ANALYTIC LABS**  
Tomorrow's Testing, Today.

### MANUFACTURER INFO

**MANUFACTURER**  
HEALER HEMP LLC  
119 ORION ST  
BRUNSWICK, MAINE 04011  
**LICENSE**  
CGR26424  
MEDICINAL - CAREGIVER

**BATCH RESULT: PASSED AS MAINE INDUSTRIAL HEMP**

**TERPENES TESTED**

### TERPENES BY HEADSPACE GC-MS PREPARATION: SEP 27, 2021 // ANALYSIS: SEP 27, 2021

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
<b>TOTAL TERPENES</b>	0.167 %	1.67 mg/g		N/A
CAMPHENE	ND	ND	0.0946/0.189	N/A
GERANIOL	ND	ND	0.0946/0.189	N/A
LINALOOL	ND	ND	0.0946/0.189	N/A
P-CYMENE	ND	ND	0.0946/0.189	N/A
EUCALYPTOL	ND	ND	0.0946/0.189	N/A
ISOPULEGOL	ND	ND	0.0946/0.189	N/A
D-LIMONENE	< LOQ	< LOQ	0.0946/0.189	N/A
TERPINOLENE	ND	ND	0.0946/0.189	N/A
β-PINENE	< LOQ	< LOQ	0.0946/0.189	N/A
α-PINENE	0.0243 %	0.243 mg/g	0.0946/0.189	N/A
β-MYRCENE	0.0912 %	0.912 mg/g	0.0946/0.189	N/A

ANALYTE	AMT	AMT	LOD/LOQ (mg/g)	PASS/FAIL
<b>β-OCIMENE</b>	ND	ND	0.0473/0.0946	N/A
<b>α-OCIMENE</b>	ND	ND	0.0473/0.0946	N/A
<b>CIS-NEROLIDOL</b>	ND	ND	0.0946/0.189	N/A
<b>Δ<sup>3</sup>-CARENE</b>	ND	ND	0.0946/0.189	N/A
<b>α-HUMULENE</b>	< LOQ	< LOQ	0.0946/0.189	N/A
<b>α-BISABOLOL</b>	< LOQ	< LOQ	0.0946/0.189	N/A
<b>α-TERPINENE</b>	ND	ND	0.0946/0.189	N/A
<b>γ-TERPINENE</b>	ND	ND	0.0946/0.189	N/A
<b>TRANS-NEROLIDOL</b>	ND	ND	0.0946/0.189	N/A
<b>β-CARYOPHYLLENE</b>	0.0513 %	0.513 mg/g	0.0946/0.189	N/A
<b>CARYOPHYLLENE OXIDE</b>	< LOQ	< LOQ	0.0946/0.189	N/A



**RESULTS CERTIFIED BY:**  
BARRY CHAFFIN  
COO, NOVA ANALYTIC LABS  
SEP 28, 2021

**RESULTS CERTIFIED BY:**  
GREG NEWLAND  
CSO, NOVA ANALYTIC LABS  
SEP 28, 2021

**RESULTS CERTIFIED BY:**  
CHRIS ALTOMARE  
CEO, NOVA ANALYTIC LABS  
SEP 28, 2021

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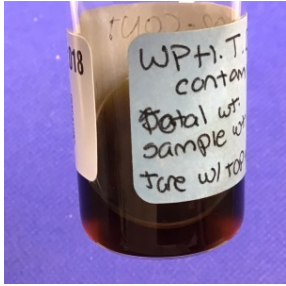
**END OF REPORT**

# CERTIFICATE OF ANALYSIS

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**WPH.T.21.002-CONT (TINCTURE) // PRODUCED: SEP 30, 2021**

**CLIENT: HEALER HEMP LLC // BATCH: PASSED AS MAINE INDUSTRIAL HEMP**



**BATCH NO.:** WPH.T.21.002  
**MATRIX:** TINCTURE  
**SAMPLE ID:** NAL-210927-018  
**COLLECTED ON:** SEP 27, 2021  
**RECEIVED ON:** SEP 27, 2021  
**SAMPLE SIZE:** 5.636 G  
**SAMPLED BY:** SARAH CHRIST  
**RECEIVED BY:** DEVIN DUTRISAC



**NOVA ANALYTIC LABS**  
Tomorrow's Testing, Today.

## MANUFACTURER INFO

**MANUFACTURER**  
HEALER HEMP LLC  
119 ORION ST  
BRUNSWICK, MAINE 04011

**LICENSE**  
CGR26424  
MEDICINAL - CAREGIVER

**BATCH RESULT: PASSED AS MAINE INDUSTRIAL HEMP**

<b>METALS</b>	TESTED
<b>MICROBIAL</b>	TESTED
<b>PESTICIDES</b>	TESTED
<b>SOLVENTS</b>	TESTED

## RSOL.1: RESIDUAL SOLVENTS, POISONS AND TOXINS BY HEADSPACE GC-MS PREPARATION: SEP 29, 2021 // ANALYSIS: SEP 30, 2021

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
BUTANE	5000 µg/g	ND	0.200/0.400	N/A
HEXANE	290 µg/g	ND	0.200/0.400	N/A
ACETONE	5000 µg/g	ND	0.100/0.200	N/A
BENZENE	1 µg/g	ND	0.0100/0.0200	N/A
ETHANOL	5000 µg/g	6540	0.200/0.400	N/A
HEPTANE	5000 µg/g	ND	0.200/0.400	N/A
PENTANE	5000 µg/g	ND	0.200/0.400	N/A
PROPANE	5000 µg/g	ND	0.200/0.400	N/A
TOLUENE	890 µg/g	ND	0.200/0.400	N/A
METHANOL	3000 µg/g	ND	0.200/0.400	N/A
O-XYLENE	2170 µg/g	ND	0.0500/0.100	N/A

ANALYTE	LIMIT	AMT (µg/g)	LOD/LOQ (µg/g)	PASS/FAIL
CHLOROFORM	1 µg/g	ND	0.0100/0.0200	N/A
ETHYL ETHER	5000 µg/g	ND	0.200/0.400	N/A
ACETONITRILE	410 µg/g	ND	0.100/0.200	N/A
ETHYL ACETATE	5000 µg/g	ND	0.200/0.400	N/A
ETHYLENE OXIDE	1 µg/g	ND	0.0100/0.0200	N/A
P- AND M-XYLENE	2170 µg/g	ND	0.0200/0.0400	N/A
ISOPROPYL ALCOHOL	5000 µg/g	ND	0.200/0.400	N/A
TRICHLOROETHYLENE	1 µg/g	ND	0.0100/0.0200	N/A
1,2-DICHLOROETHANE	1 µg/g	ND	0.0100/0.0200	N/A
METHYLENE CHLORIDE	1 µg/g	ND	0.0100/0.0200	N/A



**RESULTS CERTIFIED BY:**  
BARRY CHAFFIN  
COO, NOVA ANALYTIC LABS  
SEP 30, 2021

**RESULTS CERTIFIED BY:**  
GREG NEWLAND  
CSO, NOVA ANALYTIC LABS  
SEP 30, 2021

**RESULTS CERTIFIED BY:**  
CHRIS ALTOMARE  
CEO, NOVA ANALYTIC LABS  
SEP 30, 2021

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**PES.1: PESTICIDES, INSECTICIDES, FUNGICIDES AND GROWTH REGULATORS BY LC-MS/MS  
PREPARATION: SEP 28, 2021 // ANALYSIS: SEP 29, 2021**

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
IMAZALIL		ND	27.1/81.4	N/A
ETOXAZOLE		ND	27.1/81.4	N/A
BIFENTHRIN		ND	27.1/81.4	N/A
CYFLUTHRIN		ND	136/407	N/A

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
DAMINOZIDE		ND	136/407	N/A
MYCLOBUTANIL		ND	27.1/81.4	N/A
SPIROMESIFEN		ND	27.1/81.4	N/A
TRIFLOXYSTROBIN		ND	27.1/81.4	N/A

**HME.1: HEAVY METALS BY ICP-MS  
PREPARATION: SEP 28, 2021 // ANALYSIS: SEP 28, 2021**

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
LEAD	500 µg/kg	ND	34.8/104	N/A
ARSENIC	1500 µg/kg	ND	34.8/87.0	N/A

ANALYTE	LIMIT	AMT (µg/kg)	LOD/LOQ (µg/kg)	PASS/FAIL
CADMIUM	500 µg/kg	ND	34.8/87.0	N/A
MERCURY	3000 µg/kg	ND	34.8/69.6	N/A

**MIC.3: TOTAL COLIFORM BY MOST PROBABLE NUMBER  
PREPARATION: SEP 27, 2021 // ANALYSIS: SEP 28, 2021**

ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ (CFU/g)	PASS/FAIL
COLIFORMS	1000 CFU/g	ND	100/100	N/A

**MIC.6: TOTAL ENTEROBACTER BY MOST PROBABLE NUMBER  
PREPARATION: SEP 27, 2021 // ANALYSIS: SEP 28, 2021**

ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ (CFU/g)	PASS/FAIL
ENTEROBACTERIACEAE	1000 CFU/g	ND	100/100	N/A

**TOTAL AEROBIC BACTERIA BY MOST PROBABLE NUMBER  
PREPARATION: SEP 27, 2021 // ANALYSIS: SEP 28, 2021**

ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ (CFU/g)	PASS/FAIL
AEROBIC BACTERIA	100000 CFU/g	ND	100/100	N/A

**TOTAL YEAST AND MOLD BY MOST PROBABLE NUMBER  
PREPARATION: SEP 27, 2021 // ANALYSIS: SEP 30, 2021**

ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ (CFU/g)	PASS/FAIL
YEAST & MOLD	10000 CFU/g	ND	100/100	N/A

**MIC.5: SALMONELLA BY PCR  
PREPARATION: SEP 27, 2021 // ANALYSIS: SEP 30, 2021**

ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ (CFU/g)	PASS/FAIL
SALMONELLA SPP.	Any amt in 1 gram	ND	1.00/1.00	N/A

**MIC.4: PATHOGENIC E. COLI BY PCR  
PREPARATION: SEP 27, 2021 // ANALYSIS: SEP 30, 2021**

ANALYTE	LIMIT	AMT (CFU/g)	LOD/LOQ (CFU/g)	PASS/FAIL
ESCHERICHIA COLI	Any amt in 1 gram	ND	1.00/1.00	N/A

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**END OF REPORT**

