SC Labs®

Hemp Regulatory Compliance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 05/05/2026

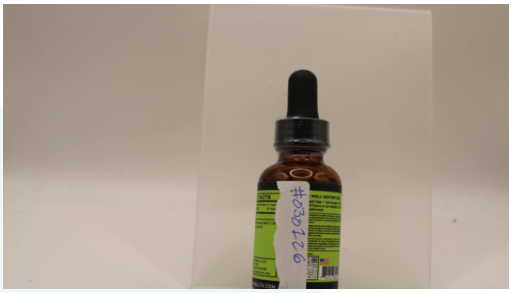
SAMPLE DETAILS

SAMPLE NAME: Heal Tincture
Infused, Hemp

CLIENT
Business Name: 2 - AXN Industries (House of Alchemy)
License Number:
Address:

SAMPLE DETAIL
Batch Number: 030126
Sample ID: 260427N010

Date Collected: 04/27/2026
Date Received: 04/27/2026
Batch Size:
Sample Size:
Unit Mass: 30 grams per Unit
Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 41.460 mg/unit

Total CBD: 1376.250 mg/unit

Sum of Cannabinoids: 1880.460 mg/unit

Total Cannabinoids: 1880.460 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = Δ^9-THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBN + CBNa
Total Cannabinoids = (Δ^9-THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ^8-THC + (CBN+0.877*CBNa)

TERPENOID ANALYSIS - SUMMARY

20 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 0.0327%

α-Bisabolol 0.312 mg/g | β-Caryophyllene 0.0148 mg/g | α-Humulene <LOQ

SAFETY ANALYSIS - SUMMARY

Pesticides: ND
Mycotoxins: PASS
Residual Solvents: ND
Heavy Metals: PASS
Microbiology (PCR): ND
Microbiology (Plating): ND

These results relate only to the sample included on this report.
This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: Colorado Marijuana Rules 1 CCR 212-3

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), µg/g = ppm, µg/kg = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

Approved by: Sam Schumann
Laboratory Director
Date: 05/05/2026

Amendment to Certificate of Analysis 260427N010-001

Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: (GLB-TM-14) Cannabinoid Potency Determination

TOTAL THC: 41.460 mg/unit

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 1376.250 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1880.460 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + (Total CBN)

TOTAL CBG: 370.590 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 85.860 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 4.650 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

Exclusions[1] see last page

CANNABINOID TEST RESULTS - 04/29/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.007 / 0.147*	*±3.0736*	45.875	4.5875
CBG	*0.004 / 0.032*	*±0.4274*	12.353	1.2353
CBC	*0.001 / 0.057*	*±0.2032*	2.862	0.2862
Δ^9-THC	*0.002 / 0.147*	*±0.0981*	1.382	0.1382
CBDV	*0.005 / 0.035*	*±0.0124*	0.155	0.0155
CBN	*0.002 / 0.043*	*±0.0028*	0.055	0.0055
Δ^8-THC	*0.002 / 0.162*	*N/A*	<LOQ	<LOQ
CBDa	*0.008 / 0.151*	*N/A*	<LOQ	<LOQ
THCa	*0.006 / 0.130*	*N/A*	ND	ND
THCV	*0.003 / 0.029*	*N/A*	ND	ND
THCVa	*0.002 / 0.115*	*N/A*	ND	ND
CBDVa	*0.002 / 0.063*	*N/A*	ND	ND
CBGa	*0.003 / 0.136*	*N/A*	ND	ND
CBCa	*0.003 / 0.052*	*N/A*	ND	ND
CBNa	*0.002 / 0.093*	*N/A*	ND	ND
SUM OF CANNABINOIDS			62.682 mg/g	6.2682%

Unit Mass: 30 grams per Unit

Δ^9-THC per Unit	41.460 mg/unit
Total THC per Unit	41.460 mg/unit
CBD per Unit	1376.250 mg/unit
Total CBD per Unit	1376.250 mg/unit
Sum of Cannabinoids per Unit	1880.460 mg/unit
Total Cannabinoids per Unit	1880.460 mg/unit

Terpenoid Analysis

Terpene analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: (GLB-TM-22) Terpene Determination - Hydrogen Carrier

Exclusions[2] see last page

TERPENOID TEST RESULTS - 04/30/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
α-Bisabolol	*0.0201 / 0.067*	*±0.0169*	0.312	0.0312
β-Caryophyllene	*0.0018 / 0.0061*	*±0.00054*	0.0148	0.00148
α-Humulene	*0.0057 / 0.0189*	*N/A*	<LOQ	<LOQ
Terpinolene	*0.0033 / 0.0109*	*N/A*	<LOQ	<LOQ
α-Pinene	*0.0153 / 0.0509*	*N/A*	ND	ND
α-Terpinene	*0.0018 / 0.0061*	*N/A*	ND	ND
β-Ocimene	*0.0093 / 0.0310*	*N/A*	ND	ND
β-Pinene	*0.015 / 0.05*	*N/A*	ND	ND
Camphene	*0.0145 / 0.0483*	*N/A*	ND	ND
Caryophyllene Oxide	*0.035 / 0.1165*	*N/A*	ND	ND
Δ^3-Carene	*0.0035 / 0.0118*	*N/A*	ND	ND

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Terpenoid Analysis *Continued*

1 **α-Bisabolol**
A sesquiterpene alcohol with a fragrance that can be described as floral, peppery, sweet and clean. Found in chamomile, figwort, yarrow, skullcaps, lavender, ironwort, germander...etc.

2 **β-Caryophyllene**
A sesquiterpene with a fragrance that can be described as spicy, woody, dry, dusty and mildly sweet. It was one of the first organic compounds to fully synthesized in a laboratory and plays a role in the endocannabinoid system as it is a functional CB_2 receptor agonist. Found in black pepper, clove, hops, rosemary, black-jack, perilla, spicebush, Indian pennywort, celery, frankincense, vitex, parsley, marigold, tamarind...etc.

3 **α-Humulene**
Also known as α-caryophyllene, it is an isomer of the sesquiterpene β-Caryophyllene which frequently occurs in nature with many aromatic plants across the globe. It has a fragrance that can be described as earthy or musky with spicy undertones. Found in hops, forskohlii, skullcaps, basil, nutmeg, cloves, sage, cotton, tamarind, black pepper, guava, Scotch pine...etc.

TERPENOID TEST RESULTS - 04/30/2026 *continued*

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Eucalyptol	*0.0027 / 0.0089*	*N/A*	ND	ND
γ-Terpinene	*0.0027 / 0.0091*	*N/A*	ND	ND
Geraniol	*0.021 / 0.07*	*N/A*	ND	ND
Isopulegol	*0.0113 / 0.0376*	*N/A*	ND	ND
Limonene	*0.0041 / 0.0137*	*N/A*	ND	ND
Linalool	*0.0076 / 0.0253*	*N/A*	ND	ND
Myrcene	*0.0081 / 0.0271*	*N/A*	ND	ND
Nerolidol	*0.003 / 0.01*	*N/A*	ND	ND
p-Cymene	*0.0027 / 0.0091*	*N/A*	ND	ND
TOTAL TERPENOIDS			**0.327 mg/g**	**0.0327%**

Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: (GLB-TM-17) Pesticide Analysis by LC-MS & GC-MS

Exclusions[3] see last page

PESTICIDE TEST RESULTS - 04/29/2026 **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Abamectin	*0.224 / 0.746*	*N/A*	ND
Acephate	*0.005 / 0.016*	*N/A*	ND
Acetamiprid	*0.008 / 0.025*	*N/A*	ND
Azoxystrobin	*0.004 / 0.015*	*N/A*	ND
Bifenazate	*0.002 / 0.008*	*N/A*	ND
Boscalid	*0.015 / 0.05*	*N/A*	ND
Carbaryl	*0.022 / 0.074*	*N/A*	ND
Carbofuran	*0.002 / 0.007*	*N/A*	ND
Chlorantraniliprole	*0.017 / 0.057*	*N/A*	ND
Chlorpyrifos	*0.006 / 0.02*	*N/A*	ND
Clofentezine	*0.003 / 0.009*	*N/A*	ND
Diazinon	*0.003 / 0.01*	*N/A*	ND
Dichlorvos (DDVP)	*0.218 / 0.728*	*N/A*	ND
Dimethoate	*0.002 / 0.007*	*N/A*	ND
Ethoprophos	*0.014 / 0.047*	*N/A*	ND
Etofenprox	*0.007 / 0.024*	*N/A*	ND

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 04/29/2026 *continued* **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Etoxazole	*0.009 / 0.03*	*N/A*	ND
Fenoxycarb	*0.005 / 0.018*	*N/A*	ND
Fenpyroximate	*0.007 / 0.022*	*N/A*	ND
Fipronil	*0.028 / 0.094*	*N/A*	ND
Flonicamid	*0.004 / 0.015*	*N/A*	ND
Fludioxonil	*0.006 / 0.021*	*N/A*	ND
Hexythiazox	*0.015 / 0.048*	*N/A*	ND
Imazalil	*0.01 / 0.034*	*N/A*	ND
Imidacloprid	*0.009 / 0.031*	*N/A*	ND
Kresoxim-methyl	*0.016 / 0.054*	*N/A*	ND
Malathion	*0.011 / 0.037*	*N/A*	ND
Metalaxyl	*0.003 / 0.009*	*N/A*	ND
Methiocarb	*0.006 / 0.019*	*N/A*	ND
Methomyl	*0.002 / 0.006*	*N/A*	ND
MGK-264	*0.017 / 0.055*	*N/A*	ND
Myclobutanil	*0.015 / 0.051*	*N/A*	ND
Naled	*0.008 / 0.027*	*N/A*	ND
Oxamyl	*0.002 / 0.008*	*N/A*	ND
Paclobutrazol	*0.004 / 0.012*	*N/A*	ND
Permethrin	*0.021 / 0.069*	*N/A*	ND
Phosmet	*0.005 / 0.018*	*N/A*	ND
Propoxur	*0.003 / 0.011*	*N/A*	ND
Pyridaben	*0.011 / 0.035*	*N/A*	ND
Spinosad	*0.013 / 0.043*	*N/A*	ND
Spiromesifen	*0.023 / 0.076*	*N/A*	ND
Spirotetramat	*0.003 / 0.011*	*N/A*	ND
Spiroxamine	*0.014 / 0.046*	*N/A*	ND
Tebuconazole	*0.013 / 0.042*	*N/A*	ND
Thiacloprid	*0.004 / 0.012*	*N/A*	ND
Thiamethoxam	*0.004 / 0.012*	*N/A*	ND
Trifloxystrobin	*0.003 / 0.011*	*N/A*	ND

Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: (GLB-TM-18) Mycotoxins Contamination Determination in Concentrates

MYCOTOXIN TEST RESULTS - 04/29/2026 PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	*0.313 / 1.03*	*5*	*N/A*	ND	PASS
Aflatoxin B2	*0.313 / 1.03*		*N/A*	ND	
Aflatoxin G1	*0.333 / 1.10*		*N/A*	ND	
Aflatoxin G2	*0.354 / 1.17*		*N/A*	ND	
Ochratoxin A	*0.717 / 2.37*	*5*	*N/A*	ND	PASS
Total Aflatoxin		*20*		ND	PASS

Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: (GLB-TM-04) Residual Solvent Determination - Helium Carrier Gas

Total Butanes = n-Butane + 2-Methylpropane (Isobutane)
Total Xylenes = 1,2-Dimethylbenzene (o-Xylene) + 1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)

Exclusions[4] see last page

RESIDUAL SOLVENTS TEST RESULTS - 05/05/2026 ND

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Propane	*11.229 / 37.429*	*N/A*	ND
2-Methylpropane (Isobutane)	*11.966 / 39.887*	*N/A*	ND
n-Butane	*11.68 / 38.932*	*N/A*	ND
Total Butanes			ND
n-Pentane	*9.093 / 30.31*	*N/A*	ND
n-Hexane	*0.458 / 1.526*	*N/A*	ND
n-Heptane	*5.818 / 19.394*	*N/A*	ND
Benzene	*0.014 / 0.047*	*N/A*	ND
Toluene	*1.051 / 3.503*	*N/A*	ND
1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)	*3.191 / 10.637*	*N/A*	ND
1,2-Dimethylbenzene (o-Xylene)	*3.296 / 10.987*	*N/A*	ND
Total Xylenes			ND
Methanol	*11.936 / 39.787*	*N/A*	ND
Ethanol	*6.084 / 20.28*	*N/A*	ND
2-Propanol (Isopropyl Alcohol)	*12.039 / 40.129*	*N/A*	ND
Acetone	*8.119 / 27.063*	*N/A*	ND
Ethyl Acetate	*7.018 / 23.394*	*N/A*	ND

Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: (GLB-TM-19) Metals Determination

HEAVY METALS TEST RESULTS - 04/28/2026 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	*0.009 / 0.039*	*1.5*	*N/A*	ND	PASS
Cadmium	*0.013 / 0.044*	*0.5*	*N/A*	ND	PASS
Lead	*0.012 / 0.040*	*0.5*	*N/A*	ND	PASS
Mercury	*0.011 / 0.039*	*1.5*	*N/A*	ND	PASS

Microbiology Analysis

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: (GLB-TM-25) Bioburden Testing for STEC & Salmonella or (GLB-TM-37) Microbiological Detection of Pathogenic Aspergillus

MICROBIOLOGY TEST RESULTS (PCR) - 05/01/2026 **ND**

COMPOUND	RESULT
Salmonella spp.	ND
Shiga toxin-producing *Escherichia coli*	ND

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

Method: (GLB-TM-24) Bioburden Testing for Total Yeast and Mold

MICROBIOLOGY TEST RESULTS (PLATING) - 05/01/2026 **ND**

COMPOUND	RESULT (cfu/g)
Coliforms	ND
Total Aerobic Bacteria	ND
Total Yeast and Mold	ND

NOTES

Reason for Amendment: Result Change Sample unit mass provided by client.

1. Exclusions: Not accredited by the CDPHE and not for official purposes
2. Exclusions: Not accredited by the CDPHE and not for official purposes
3. Exclusions: Not accredited by the CDPHE and not for official purposes
4. Exclusions: Not accredited by the CDPHE and not for official purposes