SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 01/13/2026

SAMPLE DETAILS

SAMPLE NAME: Replenish Shampoo

Infused, Hemp

CLIENT

Business Name: 2 - AXN Industries (House of Alchemy)

License Number:

Address:

SAMPLE DETAIL

Batch Number:

Sample ID: 251230P004

Date Collected: 12/30/2025

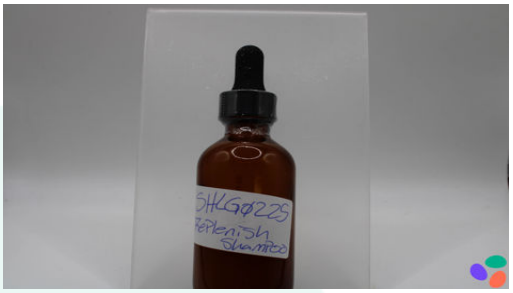
Date Received: 12/30/2025

Batch Size:

Sample Size:

Unit Mass: 320 grams per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: <LOQ

Total CBD: 321.920 mg/unit

Sum of Cannabinoids: 321.920 mg/unit

Total Cannabinoids: 321.920 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: 0.06369%

β-Ocimene 0.1908 mg/g | α-Pinene 0.1757 mg/g | β-Caryophyllene 0.0814 mg/g

SAFETY ANALYSIS - SUMMARY

Pesticides: ND

Mycotoxins: ND

Residual Solvents: ND

Heavy Metals: DETECTED

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.

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: 01/13/2026

Amendment to Certificate of Analysis 251230P004-001

Cannabinoid Analysis

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

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

TOTAL THC: <LOQ

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 321.920 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 321.920 mg/unit

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

TOTAL CBG: ND

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: <LOQ

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 01/05/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.089 / 1.867*	*±0.0674*	1.006	0.1006
Δ^9-THC	*0.004 / 0.311*	*N/A*	<LOQ	<LOQ
CBC	*0.009 / 0.728*	*N/A*	<LOQ	<LOQ
Δ^8-THC	*0.030 / 2.053*	*N/A*	ND	ND
THCa	*0.013 / 0.275*	*N/A*	ND	ND
THCV	*0.036 / 0.373*	*N/A*	ND	ND
THCVa	*0.027 / 1.456*	*N/A*	ND	ND
CBDa	*0.105 / 1.913*	*N/A*	ND	ND
CBDV	*0.067 / 0.439*	*N/A*	ND	ND
CBDVa	*0.030 / 0.803*	*N/A*	ND	ND
CBG	*0.050 / 0.411*	*N/A*	ND	ND
CBGa	*0.034 / 1.727*	*N/A*	ND	ND
CBN	*0.031 / 0.541*	*N/A*	ND	ND
CBCa	*0.033 / 0.663*	*N/A*	ND	ND
CBNa	*0.028 / 1.176*	*N/A*	ND	ND
SUM OF CANNABINOIDS			1.006 mg/g	0.1006%

Unit Mass: 320 grams per Unit

Δ^9-THC per Unit		<LOQ
Total THC per Unit		<LOQ
CBD per Unit		321.920 mg/unit
Total CBD per Unit		321.920 mg/unit
Sum of Cannabinoids per Unit		321.920 mg/unit
Total Cannabinoids per Unit		321.920 mg/unit

Terpenoid Analysis

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

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

Exclusions[1] see last page

TERPENOID TEST RESULTS - 01/07/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β-Ocimene	*0.0093 / 0.0310*	*±0.01074*	0.1908	0.01908
α-Pinene	*0.0153 / 0.0509*	*±0.01082*	0.1757	0.01757
β-Caryophyllene	*0.0018 / 0.0061*	*±0.00296*	0.0814	0.00814
Camphene	*0.0145 / 0.0483*	*±0.00316*	0.0644	0.00644
Linalool	*0.0076 / 0.0253*	*±0.00253*	0.0613	0.00613
Limonene	*0.0041 / 0.0137*	*±0.00094*	0.0268	0.00268
Terpinolene	*0.0033 / 0.0109*	*±0.00105*	0.0233	0.00233
p-Cymene	*0.0027 / 0.0091*	*±0.00066*	0.0132	0.00132
α-Humulene	*0.0057 / 0.0189*	*N/A*	<LOQ	<LOQ
α-Terpinene	*0.0018 / 0.0061*	*N/A*	<LOQ	<LOQ
β-Pinene	*0.015 / 0.05*	*N/A*	<LOQ	<LOQ

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Terpenoid Analysis *Continued*

1 β-Ocimene
A monoterpene with a fragrance that can be described as herbal, earthy, sweet with a hint of citrus. It is derived from members of the *Ocimum* genus, from which it lends its name. It also displays antifungal properties. A plant containing this terpene has been used in some traditional ayahuasca rituals and is also an important honey plant. Found in basil, tulsi, mint, oregano, parsley, some orchids, mangoes, tarragon...etc.

2 α-Pinene
One of two isomers of the monoterpene Pinene, the most abundant terpene in the natural world. It is responsible for the distinct aroma of many coniferous trees, particularly pines, from which it derives its name. It is a primary constituent of turpentine. Found in pines, rose gun, parsley, frankincense, guava, juniper, rosemary, nutmeg, blue gum, valerian...etc.

3 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.

TERPENOID TEST RESULTS - 01/07/2026 *continued*

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
α-Bisabolol	*0.0201 / 0.067*	*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
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
Myrcene	*0.0081 / 0.0271*	*N/A*	ND	ND
Nerolidol	*0.003 / 0.01*	*N/A*	ND	ND
TOTAL TERPENOIDS			0.6369 mg/g	0.06369%

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

PESTICIDE TEST RESULTS - 01/07/2026 **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

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 01/07/2026 *continued* **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
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
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 - 01/07/2026 **ND**

COMPOUND	LOD/LOQ (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)
Aflatoxin B1	*0.313 / 1.03*	*N/A*	ND
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*	*N/A*	ND
Total Aflatoxin			ND

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)

RESIDUAL SOLVENTS TEST RESULTS - 01/05/2026 **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 - 01/06/2026 **DETECTED**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Arsenic	*0.009 / 0.030*	*N/A*	<LOQ
Cadmium	*0.013 / 0.044*	*N/A*	ND
Lead	*0.012 / 0.040*	*N/A*	ND
Mercury	*0.011 / 0.036*	*N/A*	ND

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

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 (PCR) - 01/09/2026 **ND**

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

MICROBIOLOGY TEST RESULTS (PLATING) - 01/09/2026 **ND**

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

NOTES

Reason for Amendment: Unit/Serving Mass Change

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