

SAMPLE DETAILS
SAMPLE NAME: Nourish Balm Stick

Infused, Hemp

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

License Number:
Address:
SAMPLE DETAIL
Batch Number: NS250126

Sample ID: 260402Q001

Date Collected: 04/02/2026

Date Received: 04/02/2026

Batch Size:
Sample Size: 1.0 unit

Unit Mass: 25 grams per Unit

Serving Size: 25 grams per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: **Not Detected**
Total CBD: **174.225 mg/unit**
Sum of Cannabinoids: **174.225 mg/unit**
Total Cannabinoids: **174.225 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:

 $Total\ THC = \Delta^9\text{-THC} + (THCa \cdot 0.877)$
 $Total\ CBD = CBD + (CBDa \cdot 0.877)$
 $Sum\ of\ Cannabinoids = \Delta^9\text{-THC} + THCa + CBD + CBDa + CBG + CBGa +$
 $THCV + THCVa + CBC + CBCa + CBDV + CBDVa + \Delta^8\text{-THC} + CBN + CBNa$
 $Total\ Cannabinoids = (\Delta^9\text{-THC} + 0.877 \cdot THCa) + (CBD + 0.877 \cdot CBDa) +$
 $(CBG + 0.877 \cdot CBGa) + (THCV + 0.877 \cdot THCVa) + (CBC + 0.877 \cdot CBCa) +$
 $(CBDV + 0.877 \cdot CBDVa) + \Delta^8\text{-THC} + (CBN + 0.877 \cdot CBNa)$
TERPENOID ANALYSIS - SUMMARY

20 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: **0.01647%**
● β -Caryophyllene 0.1647 mg/g ● Terpinolene <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.

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


 Approved by: Sam Schumann
 Laboratory Director
 Date: 04/07/2026




Cannabinoïd Analysis

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

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

TOTAL THC: **Not Detected**

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: **174.225 mg/unit**

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: **174.225 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 - 04/06/2026

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|----------------------------|----------------|--------------------------------|-------------------|----------------|
| CBD | 0.077 / 1.621 | ±0.4669 | 6.969 | 0.6969 |
| CBC | 0.008 / 0.632 | N/A | <LOQ | <LOQ |
| Δ^9 -THC | 0.018 / 1.621 | N/A | ND | ND |
| Δ^8 -THC | 0.026 / 1.783 | N/A | ND | ND |
| THCa | 0.068 / 1.435 | N/A | ND | ND |
| THCV | 0.031 / 0.324 | N/A | ND | ND |
| THCVa | 0.024 / 1.264 | N/A | ND | ND |
| CBDA | 0.091 / 1.662 | N/A | ND | ND |
| CBDV | 0.058 / 0.381 | N/A | ND | ND |
| CBDVa | 0.026 / 0.697 | N/A | ND | ND |
| CBG | 0.044 / 0.357 | N/A | ND | ND |
| CBGa | 0.030 / 1.499 | N/A | ND | ND |
| CBN | 0.027 / 0.470 | N/A | ND | ND |
| CBCa | 0.029 / 0.575 | N/A | ND | ND |
| CBNa | 0.024 / 1.021 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 6.969 mg/g | 0.6969% |

Unit Mass: 25 grams per Unit / Serving Size: 25 grams per Serving

| | |
|---------------------------------|--------------------|
| Δ^9 -THC per Unit | ND |
| Δ^9 -THC per Serving | ND |
| Total THC per Unit | ND |
| Total THC per Serving | ND |
| CBD per Unit | 174.225 mg/unit |
| CBD per Serving | 174.225 mg/serving |
| Total CBD per Unit | 174.225 mg/unit |
| Total CBD per Serving | 174.225 mg/serving |
| Sum of Cannabinoids per Unit | 174.225 mg/unit |
| Sum of Cannabinoids per Serving | 174.225 mg/serving |
| Total Cannabinoids per Unit | 174.225 mg/unit |
| Total Cannabinoids per Serving | 174.225 mg/serving |



Terpenoid Analysis

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

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

1 **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 CB₂ receptor agonist. Found in black pepper, clove, hops, rosemary, black-jack, perilla, spicebush, Indian pennywort, celery, frankincense, vitex, parsley, marigold, tamarind...etc.

2 **Terpinolene**

Also known as δ-terpinene, it is of four isomers of the monoterpene Terpinene. It has a fragrance that can be described as fresh, woody, piney, herbal with a hint of lemon. Found in conifers, cumin, apple, rosemary, sage, tea tree, lilac, nutmeg...etc.

Exclusions¹ see last page

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

TERPENOID TEST RESULTS - 04/06/2026

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|-------------------------|-----------------|--------------------------------|--------------------|-----------------|
| β-Caryophyllene | 0.0368 / 0.1228 | ±0.00600 | 0.1647 | 0.01647 |
| Terpinolene | 0.0654 / 0.2181 | N/A | <LOQ | <LOQ |
| α-Bisabolol | 0.4021 / 1.3403 | N/A | ND | ND |
| α-Humulene | 0.1133 / 0.3778 | N/A | ND | ND |
| α-Pinene | 0.3056 / 1.0185 | N/A | ND | ND |
| α-Terpinene | 0.0369 / 0.1228 | N/A | ND | ND |
| β-Ocimene | 0.1860 / 0.6199 | N/A | ND | ND |
| β-Pinene | 0.3002 / 1.0007 | N/A | ND | ND |
| Camphene | 0.2897 / 0.9658 | N/A | ND | ND |
| Caryophyllene Oxide | 0.6991 / 2.3304 | N/A | ND | ND |
| Δ ³ -Carene | 0.0709 / 0.2365 | N/A | ND | ND |
| Eucalyptol | 0.0535 / 0.1783 | N/A | ND | ND |
| γ-Terpinene | 0.0547 / 0.1825 | N/A | ND | ND |
| Geraniol | 0.4202 / 1.4005 | N/A | ND | ND |
| Isopulegol | 0.2257 / 0.7525 | N/A | ND | ND |
| Limonene | 0.0822 / 0.2741 | N/A | ND | ND |
| Linalool | 0.1516 / 0.5054 | N/A | ND | ND |
| Myrcene | 0.1623 / 0.5411 | N/A | ND | ND |
| Nerolidol | 0.0639 / 0.2131 | N/A | ND | ND |
| p-Cymene | 0.0544 / 0.1814 | N/A | ND | ND |
| TOTAL TERPENOIDS | | | 0.1647 mg/g | 0.01647% |

PESTICIDE TEST RESULTS - 04/06/2026 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 |

Continued on next page



Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 04/06/2026 *continued ND*

| COMPOUND | LOD/LOQ (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) |
|-----------------|----------------|--------------------------------|---------------|
| 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 - 04/06/2026 ✔ 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)

RESIDUAL SOLVENTS TEST RESULTS - 04/06/2026 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 - 04/07/2026 ✔ 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 | <LOQ | 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

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) - 04/06/2026 ND

| COMPOUND | RESULT |
|---|--------|
| <i>Salmonella</i> spp. | ND |
| Shiga toxin-producing <i>Escherichia coli</i> | ND |

MICROBIOLOGY TEST RESULTS (PLATING) - 04/06/2026 ND

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

NOTES

Sample unit mass provided by client. Sample serving mass provided by client.

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