SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 03/18/2026

SAMPLE DETAILS

SAMPLE NAME: Relief Balm
Infused, Hemp

CLIENT

Business Name: Aspen Green
License Number:
Address: 26 Avondale Lane #216B
Beaver Creek CO 81620

SAMPLE DETAIL

Batch Number: AG-202603-RB
Sample ID: 260312L007

Date Collected: 03/12/2026
Date Received: 03/12/2026
Batch Size:
Sample Size:
Unit Mass:
Serving Size:

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.631 mg/g

Total CBD: 19.670 mg/g

Sum of Cannabinoids: 21.673 mg/g

Total Cannabinoids: 21.673 mg/g

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: <LOQ

α-Bisabolol <LOQ | β-Caryophyllene <LOQ | Nerolidol <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), 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: 03/18/2026

Amendment to Certificate of Analysis 260312L007-001

Cannabinoid Analysis

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

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

TOTAL THC: 0.631 mg/g
Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 19.670 mg/g
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 21.673 mg/g
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + (Total CBN)

TOTAL CBG: 0.514 mg/g
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.475 mg/g
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.219 mg/g
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 03/13/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.025 / 0.533*	*±1.3179*	19.670	1.9670
Δ^9-THC	*0.001 / 0.089*	*±0.0448*	0.631	0.0631
CBG	*0.014 / 0.117*	*±0.0178*	0.514	0.0514
CBC	*0.003 / 0.208*	*±0.0337*	0.475	0.0475
CBDV	*0.019 / 0.125*	*±0.0175*	0.219	0.0219
CBN	*0.009 / 0.155*	*±0.0085*	0.164	0.0164
Δ^8-THC	*0.008 / 0.587*	*N/A*	ND	ND
THCa	*0.004 / 0.079*	*N/A*	ND	ND
THCV	*0.010 / 0.107*	*N/A*	ND	ND
THCVa	*0.008 / 0.416*	*N/A*	ND	ND
CBDa	*0.030 / 0.547*	*N/A*	ND	ND
CBDVa	*0.009 / 0.229*	*N/A*	ND	ND
CBGa	*0.010 / 0.493*	*N/A*	ND	ND
CBCa	*0.010 / 0.189*	*N/A*	ND	ND
CBNa	*0.008 / 0.336*	*N/A*	ND	ND
SUM OF CANNABINOIDS			21.673 mg/g	2.1673%

Terpenoid Analysis

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

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

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.

Exclusions[1] see last page

TERPENOID TEST RESULTS - 03/17/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
α-Bisabolol	*0.0201 / 0.067*	*N/A*	<LOQ	<LOQ
β-Caryophyllene	*0.0018 / 0.0061*	*N/A*	<LOQ	<LOQ
Nerolidol	*0.003 / 0.01*	*N/A*	<LOQ	<LOQ
α-Humulene	*0.0057 / 0.0189*	*N/A*	ND	ND
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
Eucalyptol	*0.0027 / 0.0089*	*N/A*	ND	ND
γ-Terpinene	*0.0027 / 0.0091*	*N/A*	ND	ND

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Terpenoid Analysis *Continued*

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 Nerolidol
A sesquiterpene alcohol with a fragrance that can be described as floral, citrusy, waxy, herbal and woody. Found in bitter orange, ginger, lavender, jasmine, tea tree, lemongrass, lady of the night...etc.

TERPENOID TEST RESULTS - 03/17/2026 *continued*

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
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
p-Cymene	*0.0027 / 0.0091*	*N/A*	ND	ND
Terpinolene	*0.0033 / 0.0109*	*N/A*	ND	ND
TOTAL TERPENOIDS			<LOQ	<LOQ

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 - 03/16/2026 **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
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

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 03/16/2026 *continued* **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
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 - 03/13/2026 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 - 03/16/2026 **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 - 03/16/2026 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	*0.009 / 0.030*	*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 / 0.036*	*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) - 03/16/2026 **ND**

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

Microbiology Analysis *Continued*

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) - 03/16/2026 **ND**

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

NOTES

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