SC Labs®

Regulatory Compliance Hemp Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 10/30/2026

SAMPLE DETAILS

SAMPLE NAME: Aspen Calm Gummies
Infused, Hemp

CLIENT
Business Name: Aspen Green
License Number:
Address:



Scan QR code to verify authenticity of results.

SAMPLE DETAIL
Batch Number: AG-2610-CLG.1
Sample ID: 261023P007

Date Collected: 10/23/2026
Date Received: 10/23/2026
Batch Size:
Sample Size: 30.0 units
Unit Mass: 4.5458 grams per Unit
Serving Size:

CANNABINOID ANALYSIS - SUMMARY

Total THC: 2.514 mg/unit

Total CBD: 29.784 mg/unit

Sum of Cannabinoids: 34.666 mg/unit

Total Cannabinoids: 34.666 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: 0.00631%



Limonene 0.0631 mg/g γ-Terpinene <LOQ

SAFETY ANALYSIS - SUMMARY

Pesticides: ND
Mycotoxins: PASS
Residual Solvents: TESTED
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: 10/30/2026

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Cannabinoid Analysis

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

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

TOTAL THC: 2.514 mg/unit

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 29.784 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 34.666 mg/unit

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

TOTAL CBG: 2.368 mg/unit

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)

Exclusions[1] see last page

Exclusions[2] see last page

CANNABINOID TEST RESULTS - 10/30/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.089 / 1.867*	*±0.4390*	6.552	0.6552
Δ^9-THC	*0.004 / 0.311*	*±0.0393*	0.553	0.0553
CBG	*0.050 / 0.411*	*±0.0180*	0.521	0.0521
CBN	*0.031 / 0.541*	*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
CBGa	*0.034 / 1.727*	*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			7.626 mg/g	0.7626%

Unit Mass: 4.5458 grams per Unit

Δ^9-THC per Unit	2.514 mg/unit
Total THC per Unit	2.514 mg/unit
CBD per Unit	29.784 mg/unit
Total CBD per Unit	29.784 mg/unit
Sum of Cannabinoids per Unit	34.666 mg/unit
Total Cannabinoids per Unit	34.666 mg/unit

Terpenoid Analysis

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

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

Exclusions[3] see last page

TERPENOID TEST RESULTS - 10/27/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Limonene	*0.0041 / 0.0137*	*±0.00221*	0.0631	0.00631
γ-Terpinene	*0.0027 / 0.0091*	*N/A*	<LOQ	<LOQ
α-Bisabolol	*0.0201 / 0.067*	*N/A*	ND	ND
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-Caryophyllene	*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

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Terpenoid Analysis *Continued*

1 Limonene
A monoterpene with a fragrance that can be described as orangey, citrusy, sweet and tart. It is most commonly found in nature as D-Limonene and is a primary contributor to the distinct scent of orange peels, from which it is commonly derived. Found in numerous pines, red maple, silver maple, aspens, cottonwoods, hemlocks, sumac, cedar, junipers...etc.

2 γ-Terpinene
One of four isomers of the monoterpene Terpinene. It has a fragrance that can be described as sweet, spicy, tropical, woody and oily with a hint of citrus. Found in marjoram, cardamom, tea tree, bible hyssop...etc.

TERPENOID TEST RESULTS - 10/27/2026 *continued*

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
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
Geraniol	*0.021 / 0.07*	*N/A*	ND	ND
Isopulegol	*0.0113 / 0.0376*	*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
Terpinolene	*0.0033 / 0.0109*	*N/A*	ND	ND
TOTAL TERPENOIDS			0.0631 mg/g	0.00631%

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[4] see last page

PESTICIDE TEST RESULTS - 10/28/2026 **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 / 0.050*	*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 / 0.020*	*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 / 0.030*	*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	*0.010 / 0.034*	*N/A*	ND

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 10/28/2026 *continued* **ND**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
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 - 10/28/2026 PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	*0.805 / 2.684*	*5*	*N/A*	ND	PASS
Aflatoxin B2	*0.634 / 2.114*		*N/A*	ND	
Aflatoxin G1	*0.350 / 1.167*		*N/A*	ND	
Aflatoxin G2	*0.354 / 1.181*		*N/A*	ND	
Ochratoxin A	*0.724 / 2.412*	*5*	*N/A*	ND	PASS
Total Aflatoxin		*20*		ND	PASS

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Residual Solvents Analysis

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

Method: (GLB-TM-41) Residual Solvents

Total Xylenes = 1,2-Dimethylbenzene (o-Xylene) + 1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)

Exclusions[5] see last page

RESIDUAL SOLVENTS TEST RESULTS - 10/30/2026 **TESTED**

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Propane	*112.240 / 340.121*	*N/A*	ND
n-Butane	*86.881 / 263.277*	*N/A*	ND
n-Pentane	*77.739 / 235.572*	*N/A*	ND
n-Hexane	*3.999 / 12.119*	*N/A*	ND
n-Heptane	*67.161 / 203.518*	*N/A*	ND
Benzene	*0.150 / 0.456*	*N/A*	ND
Toluene	*12.223 / 37.039*	*N/A*	ND
Anisole	*64.757 / 196.232*	*N/A*	ND
Total Xylenes	*56.601 / 171.517*		ND
Methanol	*50.908 / 154.265*	*N/A*	ND
Ethanol	*74.950 / 227.121*	*±2.3185*	406.746
1-Propanol	*68.338 / 207.086*	*N/A*	ND
2-Propanol (Isopropyl Alcohol)	*75.582 / 229.037*	*N/A*	ND
1-Butanol	*69.007 / 209.112*	*N/A*	ND
2-Butanol	*65.230 / 197.665*	*N/A*	ND
1-Pentanol	*64.211 / 194.580*	*N/A*	ND
2-Methyl-1-Propanol (Isobutanol)	*65.613 / 198.829*	*N/A*	ND
3-Methyl-1-Butanol	*61.716 / 187.019*	*N/A*	ND
Acetone	*80.865 / 245.047*	*N/A*	ND
Methyl Ethyl Ketone	*73.367 / 222.326*	*N/A*	ND
Ethyl Ether	*69.812 / 211.551*	*N/A*	ND
tert-Butylmethyl Ether	*69.889 / 211.786*	*N/A*	ND
Methyl Acetate	*71.829 / 217.663*	*N/A*	ND
Ethyl Formate	*80.389 / 243.603*	*N/A*	ND
Ethyl Acetate	*69.971 / 212.032*	*N/A*	ND
Isopropyl Acetate	*63.633 / 192.829*	*N/A*	ND
Propyl Acetate	*61.766 / 187.170*	*N/A*	ND
Isobutyl Acetate	*59.910 / 181.547*	*N/A*	ND
Butyl Acetate	*64.668 / 195.965*	*N/A*	ND
Dichloromethane (Methylene Chloride)	*0.414 / 1.254*	*N/A*	ND

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Heavy Metals Analysis

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

Method: (GLB-TM-19) Metals Determination

HEAVY METALS TEST RESULTS - 10/28/2026 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	*0.0089 / 0.0393*	*1.5*	*N/A*	ND	PASS
Cadmium	*0.0131 / 0.0438*	*0.5*	*N/A*	ND	PASS
Lead	*0.0121 / 0.0404*	*0.5*	*±0.00086*	0.0440	PASS
Mercury	*0.0108 / 0.0393*	*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) - 10/29/2026 **ND**

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

Analysis conducted by Petrifilm® and plate counts of microbiological contaminants.

Method: (GLB-TM-24) Bioburden Testing for Total Yeast and Mold, (GLB-TM-26) Bioburden Testing for Total Aerobic Plate Count, (GLB-TM-27) Bioburden Testing for Total Coliforms or (GLB-TM-28) Bioburden Testing for E. coli

MICROBIOLOGY TEST RESULTS (PLATING) - 10/29/2026 **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
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
5. Exclusions: Not accredited by the CDPHE and not for official purposes

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