

SAMPLE DETAILS

SAMPLE NAME: Calm Gummies

Infused, Hemp

CLIENT
Business Name: Aspen Green

License Number:
Address:
SAMPLE DETAIL
Batch Number: AG-2606-CLG.1

Sample ID: 260715Q002

Date Collected: 07/15/2026

Date Received: 07/15/2026

Batch Size:
Sample Size:
Unit Mass: 5 grams per Unit

Serving Size: 5 grams per Serving


Scan QR code to verify
authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 1.450 mg/unit

Total CBD: 31.590 mg/unit

Sum of Cannabinoids: 38.140 mg/unit

Total Cannabinoids: 38.140 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)

SAFETY ANALYSIS - SUMMARY

Pesticides: ND

Mycotoxins: ✔PASS
Residual Solvents: DETECTED

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), $\mu\text{g/g}$ = ppm, $\mu\text{g/kg}$ = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

Samantha Schumann
 Approved by: Sam Schumann
 Laboratory Director
 Date: 09/11/2026

Amendment to Certificate of Analysis 260715Q002-002



 Cannabinoid Analysis

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

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

TOTAL THC: 1.450 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 31.590 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 38.140 mg/unit

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

TOTAL CBG: 1.495 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 1.910 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.755 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

Exclusions¹ see last page

CANNABINOID TEST RESULTS - 07/17/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.089 / 1.867	±0.4233	6.318	0.6318
CBC	0.009 / 0.728	±0.0271	0.382	0.0382
CBG	0.050 / 0.411	±0.0103	0.299	0.0299
Δ^9 -THC	0.021 / 1.867	±0.0206	0.290	0.0290
CBN	0.031 / 0.541	±0.0097	0.188	0.0188
CBDV	0.067 / 0.439	±0.0121	0.151	0.0151
Δ^8 -THC	0.030 / 2.053		0.000	0.0000
THCa	0.078 / 1.652		0.000	0.0000
THCV	0.036 / 0.373		0.000	0.0000
THCVa	0.027 / 1.456		0.000	0.0000
CBDA	0.105 / 1.913		0.000	0.0000
CBDVa	0.030 / 0.803		0.000	0.0000
CBGa	0.034 / 1.727		0.000	0.0000
CBCa	0.033 / 0.663		0.000	0.0000
CBNa	0.028 / 1.176		0.000	0.0000
SUM OF CANNABINOIDS			7.628 mg/g	0.7628%

Unit Mass: 5 grams per Unit / Serving Size: 5 grams per Serving

Δ^9 -THC per Unit	1.450 mg/unit
Δ^9 -THC per Serving	1.450 mg/serving
Total THC per Unit	1.450 mg/unit
Total THC per Serving	1.450 mg/serving
CBD per Unit	31.590 mg/unit
CBD per Serving	31.590 mg/serving
Total CBD per Unit	31.590 mg/unit
Total CBD per Serving	31.590 mg/serving
Sum of Cannabinoids per Unit	38.140 mg/unit
Sum of Cannabinoids per Serving	38.140 mg/serving
Total Cannabinoids per Unit	38.140 mg/unit
Total Cannabinoids per Serving	38.140 mg/serving



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

Exclusions² see last page

PESTICIDE TEST RESULTS - 07/30/2026 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
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

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 07/30/2026 *continued* ND

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
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 TEST RESULTS - 07/20/2026 ✓ 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

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

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



Residual Solvents Analysis

RESIDUAL SOLVENTS TEST RESULTS - 07/21/2026 DETECTED

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	11.680 / 38.932	N/A	ND
Total Butanes			ND
n-Pentane	9.093 / 30.310	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 / 20.280	±66.9709	1036.701
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

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

Method: (GLB-TM-41) Residual Solvents

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

Exclusions³ see last page



Heavy Metals Analysis

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

Method: (GLB-TM-19) Metals Determination



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

HEAVY METALS TEST RESULTS - 07/28/2026 ✓ 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	N/A	<LOQ	PASS
Mercury	0.0108 / 0.0393	1.5	N/A	ND	PASS

MICROBIOLOGY TEST RESULTS (PCR) - 07/20/2026 ND

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

MICROBIOLOGY TEST RESULTS (PLATING) - 07/20/2026 ND

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

NOTES

Reason for Amendment: Result Change - Reporting Limit Sample serving mass provided by client. The ethanol result is due to this being a test on a finished product that contains organic food grade ethanol as a component of the flavoring.

- 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