

### 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:** <LOQ

**Total CBD:** 31.590 mg/unit

**Sum of Cannabinoids:** 34.995 mg/unit

**Total Cannabinoids:** 34.995 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:  
 $\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$   
 $\text{Total CBD} = \text{CBD} + (\text{CBDa} \cdot 0.877)$   
 $\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBN} + \text{CBNa}$   
 $\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + (\text{CBN} + 0.877 \cdot \text{CBNa})$

### 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: 09/04/2026

Amendment to Certificate of Analysis 260715Q002-001



Cannabinoi*d* 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 ( $\Delta^9$ -THC+0.877\*THCa)

TOTAL CBD: 31.590 mg/unit

Total CBD (CBD+0.877\*CBDA)

TOTAL CANNABINOIDS: 34.995 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -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: <LOQ

Total CBDV (CBDV+0.877\*CBDVa)

Exclusions<sup>1</sup> see last page

CANNABINOID TEST RESULTS - 07/17/2026

| COMPOUND            | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|---------------------|----------------|--------------------------------|---------------|------------|
| CBD                 | 0.042 / 0.884  | ±0.4233                        | 6.318         | 0.6318     |
| CBC                 | 0.004 / 0.345  | ±0.0271                        | 0.382         | 0.0382     |
| CBG                 | 0.024 / 0.195  | ±0.0103                        | 0.299         | 0.0299     |
| $\Delta^9$ -THC     | 0.010 / 0.884  | N/A                            | <LOQ          | <LOQ       |
| CBDV                | 0.032 / 0.208  | N/A                            | <LOQ          | <LOQ       |
| CBN                 | 0.015 / 0.256  | N/A                            | <LOQ          | <LOQ       |
| $\Delta^8$ -THC     | 0.014 / 0.973  | N/A                            | ND            | ND         |
| THCa                | 0.037 / 0.783  | N/A                            | ND            | ND         |
| THCV                | 0.017 / 0.177  | N/A                            | ND            | ND         |
| THCVa               | 0.013 / 0.690  | N/A                            | ND            | ND         |
| CBDA                | 0.050 / 0.906  | N/A                            | ND            | ND         |
| CBDVa               | 0.014 / 0.380  | N/A                            | ND            | ND         |
| CBGa                | 0.016 / 0.818  | N/A                            | ND            | ND         |
| CBCa                | 0.016 / 0.314  | N/A                            | ND            | ND         |
| CBNa                | 0.013 / 0.557  | N/A                            | ND            | ND         |
| SUM OF CANNABINOIDS |                |                                | 6.999 mg/g    | 0.6999%    |

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

|                                 |                   |
|---------------------------------|-------------------|
| $\Delta^9$ -THC per Unit        | <LOQ              |
| $\Delta^9$ -THC per Serving     | <LOQ              |
| Total THC per Unit              | <LOQ              |
| Total THC per Serving           | <LOQ              |
| 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    | 34.995 mg/unit    |
| Sum of Cannabinoids per Serving | 34.995 mg/serving |
| Total Cannabinoids per Unit     | 34.995 mg/unit    |
| Total Cannabinoids per Serving  | 34.995 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

*Exclusions<sup>2</sup> 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            |

Continued on next page



### 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)

*Exclusions<sup>3</sup> see last page*



### Heavy Metals Analysis

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

Method: (GLB-TM-19) Metals Determination

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 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) - 07/20/2026 ND

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

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) - 07/20/2026 ND

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

NOTES

Reason for Amendment: Order Detail Information Change 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