

**SAMPLE DETAILS**
**SAMPLE NAME:** Gummies-30mg CBD:10mg CBN/gummy-Elderberry

Infused, Hemp

**CLIENT**
**Business Name:** EXTRACT LABS

**License Number:**
**Address:** 1399 Horizon Ave  
Lafayette CO 80026

**SAMPLE DETAIL**
**Batch Number:** 25E4010512

**Sample ID:** 251217S003

**Date Collected:** 12/17/2025

**Date Received:** 12/17/2025

**Batch Size:**
**Sample Size:**
**Unit Mass:**
**Serving Size:**

Scan QR code to verify  
authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** Not Detected

**Total CBD:** 11.688 mg/g

**Sum of Cannabinoids:** 15.671 mg/g

**Total Cannabinoids:** 15.671 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:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \cdot 0.877)$$

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBN} + \text{CBNa}$$

$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) +$$

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + (\text{CBN} + 0.877 \cdot \text{CBNa})$$
**SAFETY ANALYSIS - SUMMARY**
**Pesticides:** ND

**Mycotoxins:** ND

**Residual Solvents:** DETECTED

**Heavy Metals:** ND

**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)

*Samantha Schumann*  
Approved by: Sam Schumann  
Laboratory Director  
Date: 12/24/2025



 **Cannabinoid Analysis**

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

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

**TOTAL THC: Not Detected**

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

**TOTAL CBD: 11.688 mg/g**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 15.671 mg/g**

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

**TOTAL CBG: ND**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: ND**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

**CANNABINOID TEST RESULTS - 12/19/2025**

| COMPOUND            | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|---------------------|----------------|--------------------------------|---------------|------------|
| CBD                 | 0.042 / 0.884  | ±0.7831                        | 11.688        | 1.1688     |
| CBN                 | 0.015 / 0.256  | ±0.2055                        | 3.983         | 0.3983     |
| $\Delta^9$ -THC     | 0.010 / 0.884  | N/A                            | ND            | ND         |
| $\Delta^8$ -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         |
| CBDV                | 0.032 / 0.208  | N/A                            | ND            | ND         |
| CBDVa               | 0.014 / 0.380  | N/A                            | ND            | ND         |
| CBG                 | 0.024 / 0.195  | N/A                            | ND            | ND         |
| CBGa                | 0.016 / 0.818  | N/A                            | ND            | ND         |
| CBC                 | 0.004 / 0.345  | 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 |                |                                | 15.671 mg/g   | 1.5671%    |

 **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 - 12/24/2025 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            |

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**Pesticide Analysis** *Continued*

**PESTICIDE TEST RESULTS - 12/24/2025** *continued* **ND**

| COMPOUND        | LOD/LOQ<br>(µg/g) | MEASUREMENT<br>UNCERTAINTY (µg/g) | RESULT<br>(µg/g) |
|-----------------|-------------------|-----------------------------------|------------------|
| 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               |
| 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 - 12/22/2025 ND

| COMPOUND        | LOD/LOQ (µg/kg) | MEASUREMENT UNCERTAINTY (µg/kg) | RESULT (µg/kg) |
|-----------------|-----------------|---------------------------------|----------------|
| Aflatoxin B1    | 0.313 / 1.03    | N/A                             | ND             |
| 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    | N/A                             | ND             |
| Total Aflatoxin |                 |                                 | ND             |



### 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 - 12/18/2025 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                                                        | 11.68 / 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                            | <LOQ          |
| 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                            | <LOQ          |
| Ethanol                                                         | 6.084 / 20.28   | ±28.870                        | 446.90        |
| 2-Propanol (Isopropyl Alcohol)                                  | 12.039 / 40.129 | N/A                            | ND            |
| Acetone                                                         | 8.119 / 27.063  | N/A                            | <LOQ          |
| 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 - 12/23/2025 ND

| COMPOUND | LOD/LOQ (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) |
|----------|----------------|--------------------------------|---------------|
| Arsenic  | 0.009 / 0.030  | N/A                            | ND            |
| Cadmium  | 0.013 / 0.044  | N/A                            | ND            |
| Lead     | 0.012 / 0.040  | N/A                            | ND            |
| Mercury  | 0.011 / 0.036  | N/A                            | ND            |



### 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) - 12/22/2025 ND

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

#### MICROBIOLOGY TEST RESULTS (PLATING) - 12/22/2025 ND

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