

SAMPLE DETAILS
SAMPLE NAME: CBG Isolate

Concentrate, Hemp

CLIENT
Business Name: EXTRACT LABS

License Number:
Address: 1399 Horizon Ave
Lafayette CO 80026

SAMPLE DETAIL
Batch Number: TST1068

Sample ID: 260107S004

Date Collected: 01/07/2026

Date Received: 01/07/2026

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: Not Detected

Sum of Cannabinoids: 94.5564%

Total Cannabinoids: 94.5564%

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: DETECTED

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)


Approved by: Sam Schumann
Laboratory Director
Date: 01/13/2026



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 (Δ^9 -THC+0.877*THCa)

TOTAL CBD: **Not Detected**

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: **94.5564%**

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

TOTAL CBG: **94.5564%**

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 - 01/12/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBG	0.517 / 4.209	± 32.7165	945.564	94.5564
Δ^9 -THC	0.218 / 19.133	N/A	ND	ND
Δ^8 -THC	0.303 / 21.047	N/A	ND	ND
THCa	0.801 / 16.933	N/A	ND	ND
THCV	0.368 / 3.827	N/A	ND	ND
THCVa	0.277 / 14.924	N/A	ND	ND
CBD	0.915 / 19.133	N/A	ND	ND
CBDA	1.076 / 19.612	N/A	ND	ND
CBDV	0.690 / 4.496	N/A	ND	ND
CBDVa	0.306 / 8.227	N/A	ND	ND
CBGa	0.349 / 17.698	N/A	ND	ND
CBN	0.319 / 5.549	N/A	ND	ND
CBC	0.092 / 7.462	N/A	ND	ND
CBCa	0.342 / 6.792	N/A	ND	ND
CBNa	0.288 / 12.054	N/A	ND	ND
SUM OF CANNABINOIDS			945.564 mg/g	94.5564%



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 - 01/13/2026 DETECTED

COMPOUND	LOD/LOQ (μ g/g)	MEASUREMENT UNCERTAINTY (μ g/g)	RESULT (μ g/g)
Abamectin	0.224 / 0.746	N/A	ND
Acephate	0.005 / 0.016	N/A	ND
Acetamiprid	0.008 / 0.025	N/A	<LOQ
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 - 01/13/2026 *continued* DETECTED

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (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 - 01/13/2026 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 - 01/09/2026 DETECTED

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Propane	3.917 / 13.058	N/A	ND
2-Methylpropane (Isobutane)	6.893 / 22.975	N/A	ND
n-Butane	3.221 / 10.737	N/A	ND
Total Butanes			ND
n-Pentane	6.277 / 20.923	N/A	ND
n-Hexane	0.23 / 0.768	±>4.9320	>120.000
n-Heptane	4.317 / 14.389	N/A	ND
Benzene	0.019 / 0.065	N/A	ND
Toluene	0.567 / 1.891	N/A	ND
1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)	2.019 / 6.73	N/A	ND
1,2-Dimethylbenzene (o-Xylene)	2.254 / 7.514	N/A	ND
Total Xylenes			ND
Methanol	2.488 / 8.294	N/A	ND
Ethanol	6.973 / 23.244	N/A	ND
2-Propanol (Isopropyl Alcohol)	2.616 / 8.72	N/A	ND
Acetone	4.46 / 14.867	N/A	ND
Ethyl Acetate	4.354 / 14.514	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 - 01/09/2026 ND

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Arsenic	0.0124 / 0.0413	N/A	ND
Cadmium	0.0177 / 0.059	N/A	ND
Lead	0.0181 / 0.0603	N/A	ND
Mercury	0.0167 / 0.0556	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) - 01/12/2026 ND

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

MICROBIOLOGY TEST RESULTS (PLATING) - 01/12/2026 ND

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