SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 03/26/2026

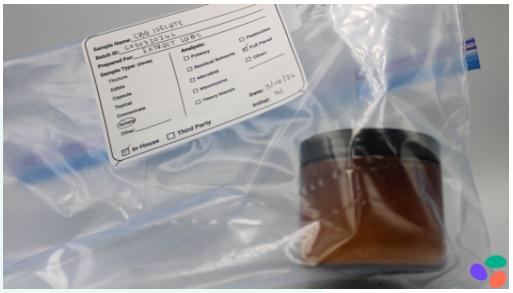
SAMPLE DETAILS

SAMPLE NAME: CBG Isolate
Concentrate, Hemp

CLIENT
Business Name: EXTRACT LABS
License Number:
Address: 1399 Horizon Ave
Lafayette CO 80026

SAMPLE DETAIL
Batch Number: C03032026L
Sample ID: 260320J003

Date Collected: 03/20/2026
Date Received: 03/20/2026
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: <LOQ

Sum of Cannabinoids: 94.1799%

Total Cannabinoids: 94.1799%

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.

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: 03/26/2026

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: <LOQ

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 94.1799%

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

TOTAL CBG: 94.1799%

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 - 03/24/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBG	*0.517 / 4.209*	*±32.5862*	941.799	94.1799
CBD	*0.915 / 19.133*	*N/A*	<LOQ	<LOQ
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
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			941.799 mg/g	94.1799%

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 - 03/26/2026 **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 / 0.05*	*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 - 03/26/2026 *continued* **ND**

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 - 03/25/2026 PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	*0.313 / 1.03*	*5*	*N/A*	ND	PASS
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*	*5*	*N/A*	ND	PASS
Total Aflatoxin		*20*		ND	PASS

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 - 03/23/2026 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*	*±10.0098*	234.422
n-Hexane	*0.23 / 0.768*	*N/A*	ND
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 - 03/24/2026 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	*0.0101 / 0.0393*	*1.5*	*N/A*	ND	PASS
Cadmium	*0.0089 / 0.0393*	*0.5*	*N/A*	ND	PASS
Lead	*0.0091 / 0.0393*	*0.5*	*N/A*	ND	PASS
Mercury	*0.0095 / 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) - 03/23/2026 **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) - 03/23/2026 **ND**

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