

SAMPLE DETAILS
SAMPLE NAME: Topical - Muscle Cream 2000mg Bulk - FS

Infused, Hemp

CLIENT
Business Name: EXTRACT LABS

License Number:
Address: 1399 Horizon Ave
Lafayette CO 80026

SAMPLE DETAIL
Batch Number: 25B1101112

Sample ID: 251217S002

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: 0.746 mg/g

Total CBD: 30.232 mg/g

Sum of Cannabinoids: 32.372 mg/g

Total Cannabinoids: 32.372 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)


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: 0.746 mg/g

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 30.232 mg/g

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 32.372 mg/g

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

TOTAL CBG: 0.821 mg/g

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.212 mg/g

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.361 mg/g

Total CBDV (CBDV+0.877*CBDVa)

 **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

CANNABINOID TEST RESULTS - 12/22/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.025 / 0.533	±2.0255	30.232	3.0232
CBG	0.014 / 0.117	±0.0284	0.821	0.0821
Δ^9 -THC	0.001 / 0.089	±0.0530	0.746	0.0746
CBDV	0.019 / 0.125	±0.0289	0.361	0.0361
CBC	0.003 / 0.208	±0.0151	0.212	0.0212
CBN	0.009 / 0.155	N/A	<LOQ	<LOQ
Δ^8 -THC	0.008 / 0.587	N/A	ND	ND
THCa	0.004 / 0.079	N/A	ND	ND
THCV	0.010 / 0.107	N/A	ND	ND
THCVa	0.008 / 0.416	N/A	ND	ND
CBDA	0.030 / 0.547	N/A	ND	ND
CBDVa	0.009 / 0.229	N/A	ND	ND
CBGa	0.010 / 0.493	N/A	ND	ND
CBCa	0.010 / 0.189	N/A	ND	ND
CBNa	0.008 / 0.336	N/A	ND	ND
SUM OF CANNABINOIDS			32.372 mg/g	3.2372%

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 (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 - 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	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	<LOQ
Ethanol	6.084 / 20.28	N/A	ND
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