



## Certificate of Analysis for

Extract Labs  
1399 Horizon Ave  
Lafayette, CO 80026  
Phone: (630) 235-1346

Received: 2/6/2026 @ 20.8 °C  
Report ID: 2602368

Sample ID	Analyzed	Sample Description	Analysis	Result	Units	Method Code
2602368-001	2/9/2026	Gummies - 50mg Kava - Citrus - Batch 26E8002701	Desmethoxyyangonin	4.12	mg/gummy	Kava.1
	2/9/2026		Dihydrokawain	16.1	mg/gummy	Kava.1
	2/9/2026		Dihydromethysticin	7.58	mg/gummy	Kava.1
	2/9/2026		Kawain	13.4	mg/gummy	Kava.1
	2/9/2026		Methysticin	5.33	mg/gummy	Kava.1
	2/9/2026		Total Kavalactones	53.6	mg/gummy	Kava.1
	2/9/2026		Yangonin	7.09	mg/gummy	Kava.1

Gummy Mass: 3.1 g

Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 2/10/2026

### Methodology:

Kava.1 : USP Monograph for Piper methysticum Root - Content of Kavalactones by HPLC-UV

**SAMPLE DETAILS****SAMPLE NAME:** Gummies-50mg Kava-Citrus

Infused, Hemp

**CLIENT****Business Name:** EXTRACT LABS**License Number:****Address:** 1399 Horizon Ave  
Lafayette CO 80026**SAMPLE DETAIL****Batch Number:** 26E8002701**Sample ID:** 260205S005**Date Collected:** 02/05/2026**Date Received:** 02/05/2026**Batch Size:****Sample Size:****Unit Mass:****Serving Size:**Scan QR code to verify  
authenticity of results.**SAFETY ANALYSIS - SUMMARY****Pesticides:** ND**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: 02/10/2026



## Pesticide Analysis

### PESTICIDE TEST RESULTS - 02/10/2026 ND

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

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
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

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### Pesticide Analysis *Continued*

#### PESTICIDE TEST RESULTS - 02/10/2026 *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



### Heavy Metals Analysis

#### HEAVY METALS TEST RESULTS - 02/10/2026 ✔ PASS

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

**Method:** (GLB-TM-19) Metals Determination

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	0.009 / 0.030	1.5	N/A	ND	PASS
Cadmium	0.013 / 0.044	0.5	N/A	ND	PASS
Lead	0.012 / 0.040	0.5	N/A	ND	PASS
Mercury	0.011 / 0.036	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) - 02/09/2026 ND

COMPOUND	RESULT
<i>Salmonella</i> spp.	ND
Shiga toxin-producing <i>Escherichia coli</i>	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) - 02/09/2026 ND

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