

**SAMPLE DETAILS**
**SAMPLE NAME:** Yellow Zushi

Flower, Hemp

**CLIENT**
**Business Name:**
**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:** YZ02042026

**Sample ID:** 260206M004

**Date Collected:** 02/06/2026

**Date Received:** 02/06/2026

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

**CANNABINOID ANALYSIS - SUMMARY**

CALCULATED USING DRY-WEIGHT

**Total THC:** 24.2957%

**Total CBD:** <LOQ

**Sum of Cannabinoids:** 27.7032%

**Total Cannabinoids:** 24.2957%

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

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBN + CBNa

Total Cannabinoids = ( $\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) + (CBDV+0.877\*CBDVa) +  $\Delta^8$ -THC + (CBN+0.877\*CBNa)

**Moisture:** 72.2%

**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.

**Sample Certification:** Colorado Marijuana Rules 1 CCR 212-3

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),  $\mu\text{g/g}$  = ppm,  $\mu\text{g/kg}$  = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

  
 Approved by: Sam Schumann  
 Laboratory Director  
 Date: 02/12/2026

### Cannabinoid Analysis

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

**Method:** (GLB-TM-31) Dry Weight Cannabinoid Potency Determination

**TOTAL THC: 24.2957%**

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

**TOTAL CBD: <LOQ**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 24.2957%**

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

**TOTAL CBG: <LOQ**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: <LOQ**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: <LOQ**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

*Exclusions<sup>1</sup> see last page*

### CANNABINOID TEST RESULTS - 02/10/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.072 / 1.514	±19.9463	277.032	27.7032
$\Delta^9$ -THC	0.020 / 1.711	N/A	<LOQ	<LOQ
THCVa	0.025 / 1.335	N/A	<LOQ	<LOQ
CBD	0.082 / 1.711	N/A	<LOQ	<LOQ
CBG	0.046 / 0.376	N/A	<LOQ	<LOQ
CBGa	0.031 / 1.583	N/A	<LOQ	<LOQ
CBCa	0.031 / 0.607	N/A	<LOQ	<LOQ
$\Delta^8$ -THC	0.027 / 1.882	N/A	ND	ND
THCV	0.033 / 0.342	N/A	ND	ND
CBDa	0.096 / 1.754	N/A	ND	ND
CBDV	0.062 / 0.402	N/A	ND	ND
CBDVa	0.027 / 0.736	N/A	ND	ND
CBN	0.028 / 0.496	N/A	ND	ND
CBC	0.008 / 0.667	N/A	ND	ND
CBNa	0.026 / 1.078	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>277.032 mg/g</b>	<b>27.7032%</b>

### MOISTURE TEST RESULT

<b>72.2%</b>
Tested 02/10/2026
<b>Method:</b> Results generated using a non-validated, non-compliant method. For informational purposes only.

### PESTICIDE TEST RESULTS - 02/11/2026 ND

COMPOUND	LOD/LOQ ( $\mu$ g/g)	MEASUREMENT UNCERTAINTY ( $\mu$ g/g)	RESULT ( $\mu$ g/g)
Abamectin	0.057 / 0.189	N/A	ND
Acephate	0.003 / 0.011	N/A	ND
Acetamiprid	0.004 / 0.012	N/A	ND
Azoxystrobin	0.003 / 0.01	N/A	ND
Bifenazate	0.003 / 0.01	N/A	ND
Boscalid	0.019 / 0.064	N/A	ND
Carbaryl	0.008 / 0.026	N/A	ND
Carbofuran	0.002 / 0.007	N/A	ND
Chlorantraniliprole	0.014 / 0.047	N/A	ND
Chlorpyrifos	0.013 / 0.043	N/A	ND

### Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

**Method:** (GLB-TM-16) Pesticide Analysis by LC-MS & GC-MS

*Exclusions<sup>2</sup> see last page*

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### Pesticide Analysis *Continued*

### PESTICIDE TEST RESULTS - 02/11/2026 *continued ND*

COMPOUND	LOD/LOQ (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)
Clofentezine	0.013 / 0.042	N/A	ND
Diazinon	0.03 / 0.099	N/A	ND
Dichlorvos (DDVP)	0.026 / 0.087	N/A	ND
Dimethoate	0.008 / 0.026	N/A	ND
Ethoprophos	0.017 / 0.056	N/A	ND
Etofenprox	0.005 / 0.018	N/A	ND
Etoxazole	0.004 / 0.014	N/A	ND
Fenoxycarb	0.008 / 0.028	N/A	ND
Fenpyroximate	0.008 / 0.026	N/A	ND
Fipronil	0.053 / 0.177	N/A	ND
Flonicamid	0.006 / 0.02	N/A	ND
Fludioxonil	0.006 / 0.019	N/A	ND
Hexythiazox	0.01 / 0.032	N/A	ND
Imazalil	0.019 / 0.064	N/A	ND
Imidacloprid	0.012 / 0.04	N/A	ND
Kresoxim-methyl	0.005 / 0.016	N/A	ND
Malathion	0.009 / 0.03	N/A	ND
Metalaxyl	0.005 / 0.015	N/A	ND
Methiocarb	0.009 / 0.03	N/A	ND
Methomyl	0.003 / 0.011	N/A	ND
MGK-264	0.025 / 0.081	N/A	ND
Myclobutanil	0.013 / 0.045	N/A	ND
Naled	0.009 / 0.029	N/A	ND
Oxamyl	0.003 / 0.009	N/A	ND
Paclobutrazol	0.004 / 0.014	N/A	ND
Permethrin	0.016 / 0.053	N/A	ND
Phosmet	0.006 / 0.022	N/A	ND
Propoxur	0.003 / 0.01	N/A	ND
Pyridaben	0.007 / 0.025	N/A	ND
Spinosad	0.004 / 0.014	N/A	ND
Spiromesifen	0.056 / 0.186	N/A	ND
Spirotetramat	0.009 / 0.029	N/A	ND
Spiroxamine	0.005 / 0.015	N/A	ND
Tebuconazole	0.014 / 0.048	N/A	ND
Thiacloprid	0.003 / 0.011	N/A	ND
Thiamethoxam	0.007 / 0.022	N/A	ND
Trifloxystrobin	0.003 / 0.009	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 - 02/11/2026 ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	0.0117 / 0.0389	1.5	±0.00178	0.0429	PASS
Cadmium	0.0199 / 0.0662	0.5	N/A	ND	PASS
Lead	0.0118 / 0.0392	0.5	N/A	ND	PASS
Mercury	0.0030 / 0.0100	1.5	N/A	<LOQ	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) - 02/12/2026 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) - 02/12/2026 ND

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

#### NOTES

- Exclusions: Not accredited by the CDPHE and not for official purposes
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