



**Smithers CTS NJ LLC**  
 16000 Horizon Way, Suite 700  
 Mount Laurel, NJ 08054  
 License #: TL000005  
 Accreditation #: 103104  
 Certificate #: L22-543-4-R2

# Certificate of Analysis



Customer: Smiling Bud



License #: M000117

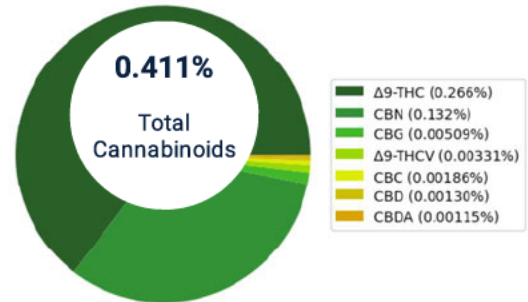


Sample ID: 20801  
 Sample Name: WYLD - Elderberry Gummy  
 Sample Type: Gummy  
 Sampling Date: 11/25/2024  
 Sampling Method: 206.04  
 Report Date: 11/27/2024  
 METRC ID: 1A4110300006339000005053  
 METRC Source ID:  
 1A4110300006339000005048  
 Client Batch ID: EB B1  
 Client Batch Size: 3022  
 Sample Size: 16 each  
 Unit Weight (g): 4

## Results Summary

<b>Cannabinoids</b> 11/26/2024	TESTED
<b>Foreign Material</b> 11/25/2024	✓ PASS
<b>Water Activity</b> 11/26/2024	✓ PASS
<b>Heavy Metals</b> 11/26/2024	✓ PASS
<b>Microbial Impurities</b> 11/27/2024	✓ PASS
<b>Mycotoxins</b> 11/26/2024	✓ PASS
<b>Pathogens</b> 11/27/2024	✓ PASS

## Cannabinoid Distribution (%)



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## Cannabinoids

**Date Started:** 11/25/2024      **Date Completed:** 11/26/2024      **Analyst:** Braden Wachtmann-Smoot  
**Instrument:** HPLC      **Method:** TP-10.001.01 & TP-10.002.01      **Deviation:** N/A

Cannabinoid	Result (mg/serving)	Result (mg/package)	LOD (mg/serving)	LOQ (mg/serving)
Δ9-THC	10.6	106	0.0231	0.0762
CBN	5.29	52.9	0.0116	0.0381
CBG	0.204	2.04	0.0116	0.0381
Δ9-THCV	0.132	1.32	0.0116	0.0381
CBC	0.0745	0.745	0.0116	0.0381
CBD	0.0518	0.518	0.0116	0.0381
CBDA	0.0459	0.459	0.0116	0.0381
THCVA	<LOQ	<LOQ	0.0116	0.0381
CBGA	ND	ND	0.0116	0.0381
CBDVA	ND	ND	0.0116	0.0381
CBDV	ND	ND	0.0116	0.0381
*CBNA	ND	ND	0.0116	0.0381
Δ8-THC	ND	ND	0.0231	0.0762
CBL	ND	ND	0.0231	0.0762
THCA	ND	ND	0.0116	0.0381
*CBCA	ND	ND	0.0231	0.0762
<b>Total THC</b>	<b>10.6</b>	<b>106</b>		
<b>Total CBD</b>	<b>0.0921</b>	<b>0.921</b>		
<b>Total Cannabinoids</b>	<b>16.4</b>	<b>164</b>		

\*CBCA and CBNA are not currently included on the ISO 17025 accreditation scope

**Total THC** = Δ9-THC + Δ8-THC + (THCA x 0.877)

**Total CBD** = CBD + (CBDA x 0.877)

**Total Cannabinoids** = Sum of all cannabinoids without THC/CBD corrections.

**LOD** = Limit of Detection; **LOQ** = Limit of Quantitation; **ND** = Not Detected.

## Foreign Material

✓ PASS

**Date Started:** 11/25/2024      **Date Completed:** 11/25/2024      **Analyst:** Braden Wachtmann-Smoot  
**Instrument:** Magnifying Glass      **Method:** TP-10.012.01      **Deviation:** N/A

Foreign Materials	Status
Foreign Materials Analysis	Pass

## Water Activity

✓ PASS

**Date Started:** 11/25/2024      **Date Completed:** 11/26/2024      **Analyst:** Kevin Stevens  
**Instrument:** Water Activity Meter      **Method:** TP-10.009.01      **Deviation:** N/A

Water Activity	Result (Aw)	Limit (Aw)	Status
Water Activity	0.667	0.85	Pass

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## Heavy Metals

✓ PASS

**Date Started:** 11/26/2024  
**Instrument:** ICP-MS

**Date Completed:** 11/26/2024  
**Method:** TP-10.007.01

**Analyst:** Kevin Stevens  
**Deviation:** N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	<LOQ	6.08	24.3	1500	Pass
Cadmium	ND	6.08	24.3	500	Pass
Lead	ND	6.08	24.3	500	Pass
Mercury	ND	6.08	24.3	3000	Pass

## Microbial Impurities

✓ PASS

**Date Started:** 11/25/2024  
**Instrument:** 3M Petrifilm

**Date Completed:** 11/27/2024  
**Method:** TP-10.010.01

**Analyst:** Bailey Carden  
**Deviation:** N/A

Microbials	Result (CFU/g)	Limit (CFU/g)	Status
E. coli	ND	1.00	Pass
Total Coliforms	ND	10.0	Pass

## Mycotoxins

✓ PASS

**Date Started:** 11/25/2024  
**Instrument:** LC-MS/MS

**Date Completed:** 11/26/2024  
**Method:** TP-10.008.01

**Analyst:** Braden Wachtmann-Smoot  
**Deviation:** N/A

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	ND	5.36	17.9	20.0	Pass
Aflatoxin B2	ND	5.36	17.9	20.0	Pass
Aflatoxin G1	ND	5.36	17.9	20.0	Pass
Aflatoxin G2	ND	5.36	17.9	20.0	Pass
Ochratoxin A	ND	5.36	17.9	20.0	Pass

## Pathogens

✓ PASS

**Date Started:** 11/25/2024  
**Instrument:** qPCR

**Date Completed:** 11/27/2024  
**Method:** TP-10.011.01

**Analyst:** Bailey Carden  
**Deviation:** N/A

Pathogens	Result (CFU/g)	Limit (CFU/g)	Status
Salmonella	ND	ND	Pass
Shiga Toxin Producing E. coli (STEC)	ND	ND	Pass
Listeria	ND	ND	Pass

Eric Steele, Lab Director  
 11/27/2024

END OF REPORT

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