

# Certificate of Analysis



**Sample Name:** Cucumber Watermelon Can  
**Client:** Half Acre Beer Co.  
**Sample Code:** HEM-260424-002  
**Matrix Name:** Beverage  
**Type / Result:** Quality Assurance - Pass



**Received Date:** Tue, Apr 28, 2026  
**Published Date:** Fri, May 1, 2026  
**Batch/Lot Code:** WC-001  
**Batch Size:** N/A  
**Sample Size:** 1U  
**Average Unit Weight:** 355mL


## RESULT SUMMARY

Total Cannabinoids	20.17 mg /serv
Total THC	4.82 mg /serv
Total CBD	0 mg /serv


<b>POT</b> Cannabinoids Potency ✓	<b>ECOLI</b> Total Coliforms & E. coli Plate ✓	<b>SS</b> Salmonella & STEC qPCR ✓	<b>TYMFD</b> Total Yeast & Mold Plate ✓
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## Approvals

### RESULTS REVIEWED BY:

 **Leslie Nagy**  
Laboratory Director  
Cambium Analytica  
Friday, May 1, 2026

### RESULTS CERTIFIED BY:

 **Douglas Smith**  
VP - Scientific Operations  
Cambium Analytica  
Friday, May 1, 2026

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## Lab Information

**Address:** 1230 Woodmere Ave, Traverse City, MI 49686 **Phone:** 231.252.3669 **Accreditation:** ISO/IEC 17025:2017 – #108157



POT

**Cannabinoids - Potency**

LAB-TM-025 - Determination of Potency of Cannabis and Cannabis Infused Products  
 POT-HEM-260424-002-01 - THU, APR 30, 2026



Analyte	Value	Value (mg/g)	Per Serving	Per Package	Action Limit	LOD	LOQ	Status
CBG	0.0029 %	0.0290 mg/g	10.28 mg	10.28 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
Delta-9 THC	0.0014 %	0.0136 mg/g	4.82 mg	4.82 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
Delta-9 THCV	0.0014 %	0.0143 mg/g	5.07 mg	5.07 mg	N/A	0.0005 mg/g	0.001 mg/g	N/A
(6aR,9R)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
(6aR,9S)-Delta-10 THC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBD	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBDA	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBDV	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBGA	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
CBN	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
Delta-8 THC	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
Delta-8 THCV	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
THCA	ND	N/A	N/A	N/A	N/A	0.0005 mg/g	0.001 mg/g	N/A
Total Cannabinoids*	0.0057 %	0.0568 mg/g	20.17 mg	20.17 mg	N/A	N/A	N/A	N/A
Delta-9 THC + Delta-8 THC	0.0014 %	0.0136 mg/g	4.82 mg	4.82 mg	N/A	N/A	N/A	N/A
Total THCV*	0.0014 %	0.0143 mg/g	5.07 mg	5.07 mg	N/A	N/A	N/A	N/A
Total THC*	0.0014 %	0.0136 mg/g	4.82 mg	4.82 mg	N/A	N/A	N/A	N/A
Total CBD*	0.0000 %	0.0000 mg/g	0 mg	0 mg	N/A	N/A	N/A	N/A

\*Total Cannabinoids is calculated as the sum of all quantified cannabinoids.

\*Total THCV is calculated as the sum of Delta-8 THCV and Delta-9 THCV.

\*Total THC is calculated as the sum of Delta-9 THC, Delta-8 THC, and 0.877\*(THCA).

\*Total CBD is calculated as the sum of CBD and 0.877\*(CBDA).

ECOLI

**Total Coliforms & E. coli - Plate - 25g - Full Range**

LAB-TM-059 - Enumeration of Escherichia coli and Total Coliform in Foods and Dietary Supplements  
 ECOLI-HEM-260424-002-01 - THU, APR 30, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
E. coli	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Coliforms	ND	N/A	10 CFU/g	10 CFU/g	N/A

USP <61> - Vendor Modified, USP <2021> - Vendor Modified, USP <1223>, AOAC PTM 051801, AOAC OMA 2018.13



SS

**Salmonella & STEC - qPCR**

LAB-TM-006 - Microbial Analysis by qPCR

SS-HEM-260424-002-01 - THU, APR 30, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Salmonella spp.	ND	N/A	N/A	N/A	N/A
Shiga Toxin Producing E. coli	ND	N/A	N/A	N/A	N/A

TYMFD

**Total Yeast & Mold - Plate - 25g - Full Range**

LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements

TYMFD-HEM-260424-002-01 - FRI, MAY 1, 2026



Analyte	Value	Action Limit	LOD	LOQ	Status
Total Mold	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Yeast	ND	N/A	10 CFU/g	10 CFU/g	N/A
Total Yeast and Mold*	ND	N/A	10 CFU/g	10 CFU/g	N/A

\*Total Yeast and Mold is calculated as the sum of Total Yeast and Total Mold

USP <61> - Vendor Modified, USP <1223>, AOAC PTM 121301, AOAC OMA 2014.05

