

# Certificate of Analysis



**Sample Name:** 202ARY2955  
**Client:** Hive  
**Sample Code:** DTS-250930-040  
**Matrix Name:** Leaf  
**Type / Result:** Quality Assurance - Pass


**Received Date:** Tue, Oct 7, 2025  
**Published Date:** Mon, Oct 13, 2025  
**Batch/Lot Code:** 202ARY2955  
**Batch Size:** N/A  
**Sample Size:** 1U



<b>ECOLI</b> ✓ <b>Total Coliforms &amp; E. coli</b> Plate	<b>TAMC</b> ✓ <b>Total Aerobic Bacteria</b> Plate	<b>SS</b> ✓ <b>Salmonella &amp; STEC</b> qPCR	<b>ENTRO</b> ✓ <b>Enterobacteriaceae</b> Plate	<b>TYMFD</b> ✓ <b>Total Yeast &amp; Mold</b> Plate
<b>HPMET</b> ✓ <b>Heavy Metals</b> Expanded 7				

## Approvals

### RESULTS REVIEWED BY:

 **Leslie Varela**  
Laboratory Director  
Cambium Analytica  
Monday, Oct 13, 2025

### RESULTS CERTIFIED BY:

 **Douglas Smith**  
VP - Scientific Operations  
Cambium Analytica  
Monday, Oct 13, 2025

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## Lab Information

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



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-DTS-250930-040-01 - THU, OCT 9, 2025

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

TAMC

**Total Aerobic Bacteria - Plate - 25g - Full Range**LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements  
TAMC-DTS-250930-040-01 - THU, OCT 9, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Aerobic Count	ND	N/A	1000 CFU/g	1000 CFU/g	N/A

SS

**Salmonella & STEC - qPCR**LAB-TM-006 - Microbial Analysis by qPCR  
SS-DTS-250930-040-01 - SAT, OCT 11, 2025

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

ENTRO

**Enterobacteriaceae - Plate - 25g - Full Range**LAB-TM-084 - Enumeration of Enterobacteriaceae  
ENTRO-DTS-250930-040-01 - THU, OCT 9, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Enterobacteriaceae	ND	N/A	10 CFU/g	10 CFU/g	N/A

TYMFD

**Total Yeast & Mold - Plate - 25g - Full Range**LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements  
TYMFD-DTS-250930-040-01 - MON, OCT 13, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Total Mold	10 CFU/g	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*	10 CFU/g	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



HPMET

## Heavy Metals - Expanded 7

LAB-TM-044 - Determination of Heavy Metals by ICP-MS  
HPMET-DTS-250930-040-01 - THU, OCT 9, 2025

Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
Arsenic	0.218 ug/g	0.000 mg/g	N/A	0.509 ug/kg	2.062 ug/kg	N/A
Cadmium	0.019 ug/g	0.000 mg/g	N/A	0.256 ug/kg	0.509 ug/kg	N/A
Chromium	1.415 ug/g	0.001 mg/g	N/A	0.259 ug/kg	0.509 ug/kg	N/A
Copper	17.488 ug/g	0.017 mg/g	N/A	0.255 ug/kg	1.015 ug/kg	N/A
Lead	0.789 ug/g	0.001 mg/g	N/A	0.255 ug/kg	0.515 ug/kg	N/A
Mercury	0.028 ug/g	0.000 mg/g	N/A	0.025 ug/kg	0.057 ug/kg	N/A
Nickel	2.683 ug/g	0.003 mg/g	N/A	0.251 ug/kg	0.509 ug/kg	N/A

