

# Certificate of Analysis



**Sample Name:** 202ARY29512  
**Client:** Hive  
**Sample Code:** DTS-250930-048  
**Matrix Name:** Leaf  
**Type / Result:** Quality Assurance - Pass



**Received Date:** Tue, Oct 7, 2025  
**Published Date:** Mon, Oct 13, 2025  
**Batch/Lot Code:** 202ARY29512  
**Batch Size:** N/A  
**Sample Size:** 1U

**ECOLI** ✓  
**Total Coliforms & E. coli**  
Plate

**TAMC** ✓  
**Total Aerobic Bacteria**  
Plate

**SS** ✓  
**Salmonella & STEC**  
qPCR


**ENTRO** ✓  
**Enterobacteriaceae**  
Plate

**TYMFD** ✓  
**Total Yeast & Mold**  
Plate


**HPMET** ✓  
**Heavy Metals**  
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-250930-048-01 - 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-250930-048-01 - 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-250930-048-01 - 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-250930-048-01 - 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-250930-048-01 - MON, OCT 13, 2025

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



HPMET

## Heavy Metals - Expanded 7

LAB-TM-044 - Determination of Heavy Metals by ICP-MS

HPMET-DTS-250930-048-01 - THU, OCT 9, 2025



Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
Arsenic	0.288 ug/g	0.000 mg/g	N/A	0.509 ug/kg	2.062 ug/kg	N/A
Cadmium	0.018 ug/g	0.000 mg/g	N/A	0.256 ug/kg	0.509 ug/kg	N/A
Chromium	0.957 ug/g	0.001 mg/g	N/A	0.259 ug/kg	0.509 ug/kg	N/A
Copper	13.061 ug/g	0.013 mg/g	N/A	0.255 ug/kg	1.015 ug/kg	N/A
Lead	0.563 ug/g	0.001 mg/g	N/A	0.255 ug/kg	0.515 ug/kg	N/A
Mercury	0.025 ug/g	0.000 mg/g	N/A	0.025 ug/kg	0.057 ug/kg	N/A
Nickel	1.831 ug/g	0.002 mg/g	N/A	0.251 ug/kg	0.509 ug/kg	N/A

