

# Certificate of Analysis

**Sample Name:** 202ARY2953  
**Client:** Hive  
**Sample Code:** DTS-250930-038  
**Matrix Name:** Leaf  
**Type / Result:** Quality Assurance - Pass




**Received Date:** Tue, Oct 7, 2025  
**Published Date:** Mon, Oct 13, 2025  
**Batch/Lot Code:** 202ARY2953  
**Batch Size:** N/A  
**Sample Size:** 1U

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

This report may not be reproduced except in full without approval from Cambium Analytica. The results herein relate only to the sample & batch identified in this report.

## 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-250930-038-01 - 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-250930-038-01 - 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-250930-038-01 - 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-250930-038-01 - 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-250930-038-01 - 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-250930-038-01 - THU, OCT 9, 2025



| Analyte  | Value       | Value (mg/g) | Action Limit | LOD         | LOQ         | Status |
|----------|-------------|--------------|--------------|-------------|-------------|--------|
| Arsenic  | 0.232 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 | 1.622 ug/g  | 0.002 mg/g   | N/A          | 0.259 ug/kg | 0.509 ug/kg | N/A    |
| Copper   | 17.766 ug/g | 0.018 mg/g   | N/A          | 0.255 ug/kg | 1.015 ug/kg | N/A    |
| Lead     | 0.823 ug/g  | 0.001 mg/g   | N/A          | 0.255 ug/kg | 0.515 ug/kg | N/A    |
| Mercury  | 0.061 ug/g  | 0.000 mg/g   | N/A          | 0.025 ug/kg | 0.057 ug/kg | N/A    |
| Nickel   | 3.107 ug/g  | 0.003 mg/g   | N/A          | 0.251 ug/kg | 0.509 ug/kg | N/A    |

