

# Certificate of Analysis

**Sample Name:** Joint+ Peptide  
**Client:** PurBlack  
**Sample Code:** DTS-260408-035  
**Matrix Name:** Pill - Capsule  
**Type / Result:** Quality Assurance - Pass




**Received Date:** Wed, Apr 15, 2026  
**Published Date:** Mon, Apr 20, 2026  
**Batch/Lot Code:** N/A  
**Batch Size:** N/A  
**Sample Size:** 1U


<b>ECOLI</b> ✓ Total Coliforms & E. coli Plate	<b>TAMC</b> ✓ Total Aerobic Bacteria Plate	<b>HVMET</b> ✓ Heavy Metals Big 4	<b>TYMFD</b> ✓ Total Yeast & Mold Plate
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## Approvals

### RESULTS REVIEWED BY:

 **Leslie Nagy**  
Laboratory Director  
Cambium Analytica  
Monday, Apr 20, 2026

### RESULTS CERTIFIED BY:

 **Douglas Smith**  
VP - Scientific Operations  
Cambium Analytica  
Monday, Apr 20, 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



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-260408-035-01 - FRI, APR 17, 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 &lt;61&gt; - Vendor Modified, USP &lt;2021&gt; - Vendor Modified, USP &lt;1223&gt;, AOAC PTM 051801, AOAC OMA 2018.13

TAMC

**Total Aerobic Bacteria - Plate - 25g - Full Range**LAB-TM-060 - Enumeration of Total Aerobic Count in Foods and Dietary Supplements  
TAMC-DTS-260408-035-01 - FRI, APR 17, 2026

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

USP &lt;61&gt; - Vendor Modified, USP &lt;1223&gt;, AOAC PTM 121403, AOAC OMA 2015.13

HVMET

**Heavy Metals - Big 4**LAB-TM-044 - Determination of Heavy Metals by ICP-MS  
HVMET-DTS-260408-035-01 - FRI, APR 17, 2026

Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
Arsenic	ND	N/A	N/A	42.857 ug/kg	119.048 ug/kg	N/A
Cadmium	ND	N/A	N/A	8.571 ug/kg	29.762 ug/kg	N/A
Lead	ND	N/A	N/A	5.238 ug/kg	29.762 ug/kg	N/A
Mercury	ND	N/A	N/A	1.667 ug/kg	2.976 ug/kg	N/A

USP &lt;233&gt;, USP &lt;730&gt;, USP &lt;1730&gt;

TYMFD

**Total Yeast & Mold - Plate - 25g - Full Range**LAB-TM-061 - Enumeration of Yeast and Mold in Foods and Dietary Supplements  
TYMFD-DTS-260408-035-01 - MON, APR 20, 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 &lt;61&gt; - Vendor Modified, USP &lt;1223&gt;, AOAC PTM 121301, AOAC OMA 2014.05

