FREEDOM DIAGNOSTICS

Certificate of Analysis

FreedomDiagnosticsTesting.com

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Client:	Zenith Biopeptides
Accession #:	2609110224
Search Code:	Zeni2609110224
Received:	9/11/2026
Reported:	9/12/2026
Lot:	Clear Cap/Bronze Crimp

Sample Summary

Product:	Lipo-C + B12 10ml
Appearance:	Red Liquid
Fentanyl	No Fentanyl Detected
Ph	5.6
Elemental Impurities (ICP-MS): As | Cd | Pb | Hg	Pass
Microbial Analysis (PCR):	Pass
Endotoxin Threshold:	Pass

Analytical Results

Test	**Result**
Identity (LC-MS)	Vial 1- Choline/Carnitine/Arginine/Methionine/Dexpanthenol (B5)/Pyridoxine (B6)/Cyanocobalamin (B12) Vial 2- Choline/Carnitine/Arginine/Methionine/Dexpanthenol (B5)/Pyridoxine (B6)/Cyanocobalamin (B12) Vial 3- Choline/Carnitine/Arginine/Methionine/Dexpanthenol (B5)/Pyridoxine (B6)/Cyanocobalamin (B12)

Elemental Impurities (ICP-MS): Pass — Arsenic, Cadmium, Lead, and Mercury below reporting/specification limits

Method: Microbial detection performed using validated polymerase chain reaction (PCR)-based assay targeting common microbial contaminants.

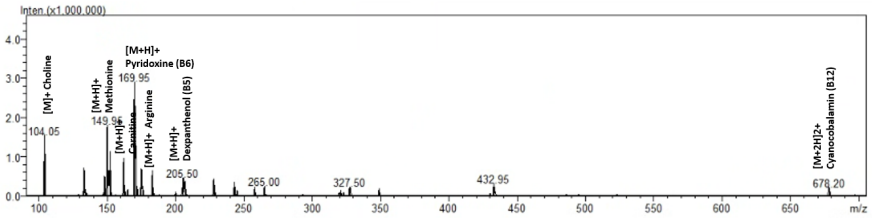
Microbial Analysis (PCR) No Detectable Microbial DNA

Method: Endotoxin testing performed using Limulus Amebocyte Lysate assay in accordance with USP <85> under validated laboratory conditions.

Endotoxin Replicate 1:	Pass	Assay Sensitivity: ≤0.05 EU/mL
Endotoxin Replicate 2:	Pass	Assay Sensitivity: ≤0.05 EU/mL

Method: Mass Spectrometry (LC-MS).

Mass Confirmation



Notes/Comments

N/A

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The peptide purity analysis reported here was conducted using LCMS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The peptides tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables.