Certificate of Analysis

FREEDOM DIAGNOSTICS

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Client:	Essential Amino
Accession #:	2609119024
Search Code:	Esse2609119024
Received:	9/11/2026
Reported:	9/12/2026
Lot:	BX-A-D3L6

Sample Summary

Product:	L-Carnitine 20ml	**Purity:**	99.69%
Identity:	Confirmed	**Net Content:**	601.79 mg/mL
Appearance:	Clear Liquid		
Microbial Analysis (PCR):	Pass		

Analytical Results

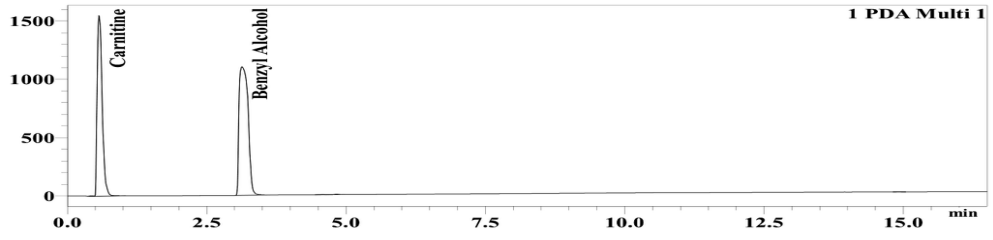
Test	Result
Identity (LC-MS)	Carnitine
Purity (HPLC-UV)	99.69%
Net Content	601.79 mg/mL

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

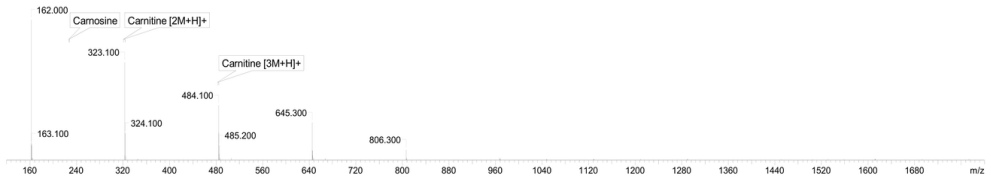
Microbial Analysis (PCR)	No Detectable Microbial DNA

Method: HPLC with UV detection coupled with mass spectrometry (LC-MS).

Chromatogram



Mass Confirmation



Principal Chemist

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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.