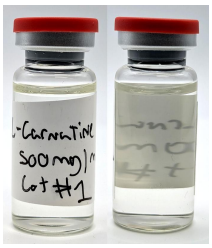
FREEDOM DIAGNOSTICS

Certificate of Analysis

FreedomDiagnosticsTesting.com

Admin@FreedomDiagnostics.net



Client:	Sigma Compounds
Accession #:	2606170849
Search Code:	Sigm2606170849
Received:	06/17/2026
Reported:	06/21/2026
Lot:	1

Sample Summary

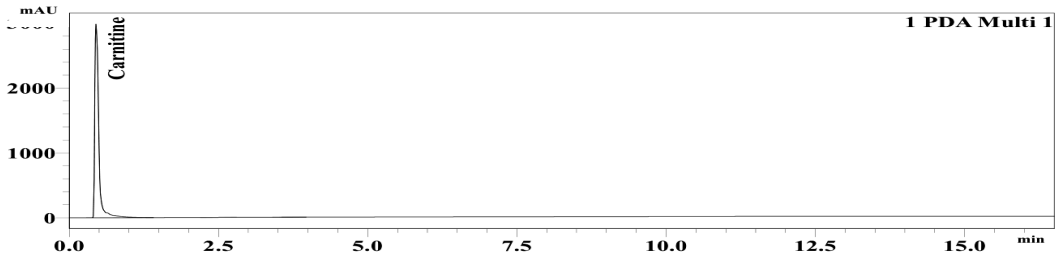
Product:	L-Carnitine 500mg/ml	**Purity:**	99.81%
Identity:	Confirmed	**Net Content:**	488.73 mg/mL
Appearance:	Clear Liquid		

Analytical Results

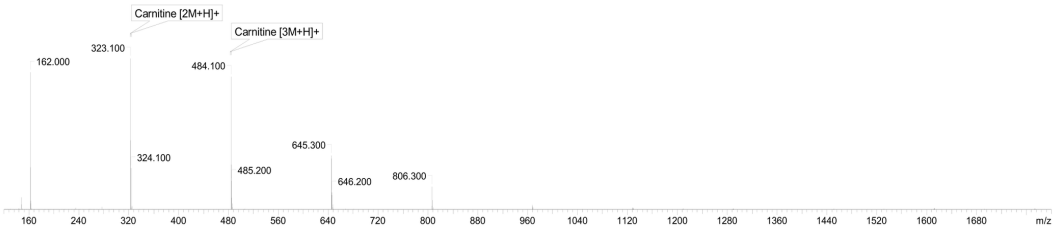
Test	Result
Identity (LC-MS)	Carnitine
Purity (HPLC-UV)	99.81%
Net Content	488.73 mg/mL

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

Chromatogram



Mass Confirmation



Principal Chemist

FreedomDiagnosticsTesting.com
Admin@FreedomDiagnostics.net
Proudly Owned and Operated in the USA

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.