FREEDOM DIAGNOSTICS

Certificate of Analysis

FreedomDiagnosticsTesting.com

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Client:	StudzPeptides
Accession #:	2609229072
Search Code:	Stud2609229072
Received:	9/22/2026
Reported:	9/23/2026
Lot:	CRT20921ALF

Sample Summary

Product:	Cartalax 20mg	**Purity:**	Sample 1: 99.93% Sample 2: 99.96% Sample 3: 99.93%
Identity:	Confirmed	**Net Content:**	Sample 1: 25.19 mg Sample 2: 24.72 mg Sample 3: 25.12 mg
Appearance:	White Lyophilized Powder		
Elemental Impurities (ICP-MS): **As | Cd | Pb | Hg**	**Pass**		

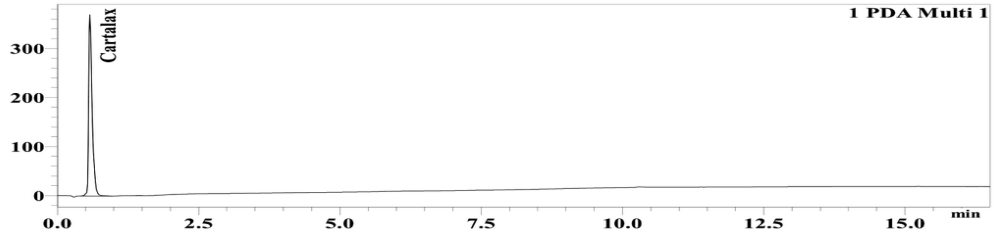
Analytical Results

Test	Result
Identity (LC-MS)	Cartalax
Purity (HPLC-UV)	99.94%
Net Content	25.01 mg

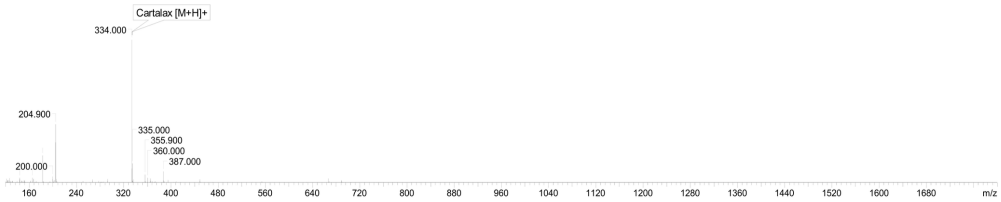
Elemental Impurities (ICP-MS) Pass — Arsenic, Cadmium, Lead, and Mercury below reporting/specification limits

Method: Identity confirmed by LC-MS. Purity evaluated by HPLC-UV. Elemental impurities evaluated by ICP-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. Elemental impurity screening includes arsenic, cadmium, lead, and mercury only and does not represent a full elemental impurity panel unless otherwise stated.