Certificate of Analysis

FREEDOM DIAGNOSTICS

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Client:	D&U
Accession #:	2608210474
Search Code:	D&U2608210474
Received:	8/21/2026
Reported:	8/26/2026
Lot:	CARTA20-082026

Sample Summary

Product:	Cartalax 20mg	**Purity:**	Vial 1: 99.97% Vial 2: 99.94%
Identity:	Confirmed	**Net Content:**	Vial 1: 21.30 mg Vial 2: 20.51 mg
Appearance:	White Lyophilized Powder		

Analytical Results

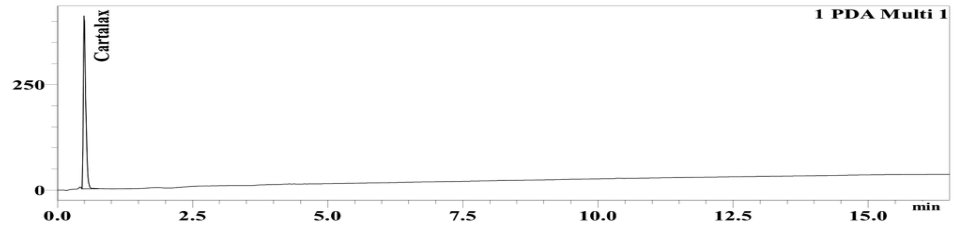
Test	Result
Identity (LC-MS)	Cartalax
Purity (HPLC-UV)	99.96%
Net Content	20.91 mg

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

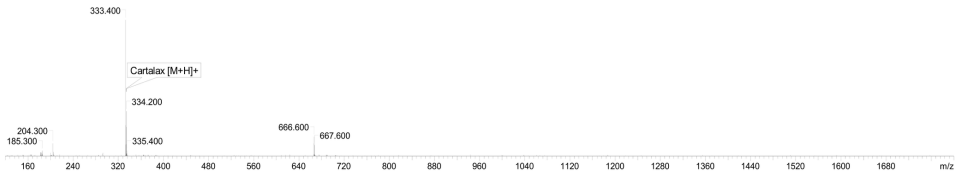
Endotoxin Replicate 1:	Pass	**Assay Sensitivity: ≤0.05 EU/mL**
Endotoxin Replicate 2:	Pass	**Assay Sensitivity: ≤0.05 EU/mL**

Method: 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.