FREEDOM DIAGNOSTICS

Certificate of Analysis

FreedomDiagnosticsTesting.com

Admin@FreedomDiagnostics.net

Client:	MRP
Accession #:	2606080679
Search Code:	MRP2606080679
Received:	06/08/2026
Reported:	06/10/2026
Lot:	652248F

Sample Summary

Product:	Cartalax 20mg	**Purity:**	Vial 1: 99.61% Vial 2: 99.69%
Identity:	Confirmed	**Net Content:**	Vial 1: 23.50 mg Vial 2: 21.92 mg
Appearance:	White Lyophilized Powder		
Microbial Analysis (PCR):	Pass		
Fentanyl Screen:	Negative		

Analytical Results

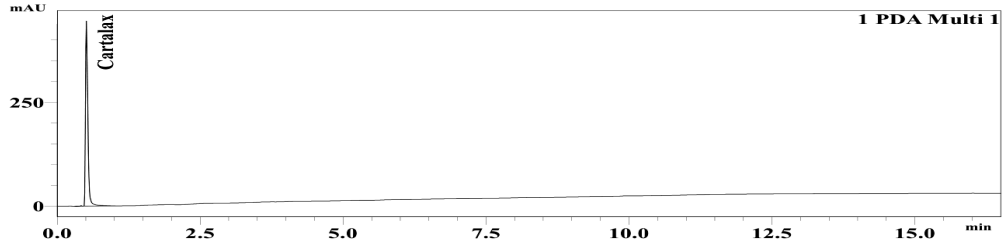
Test	Result
Identity (LC-MS)	Cartalax
Purity (HPLC-UV)	99.65%
Net Content Average	22.71 mg

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

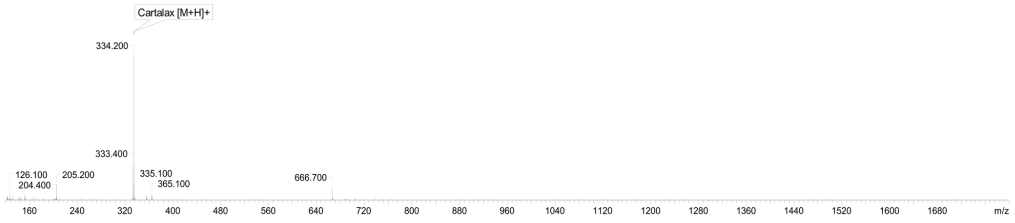
Microbial Analysis (PCR)	No Detectable Microbial DNA	Pass

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

Chromatogram



Mass Confirmation



Principal Chemist

FreedomDiagnosticsTesting.com
Admin@FreedomDiagnostics.net
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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.