



Certificate of Analysis

#30094 MODERNYEQYX8

Modern Aminos

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cs@modernaminos.com

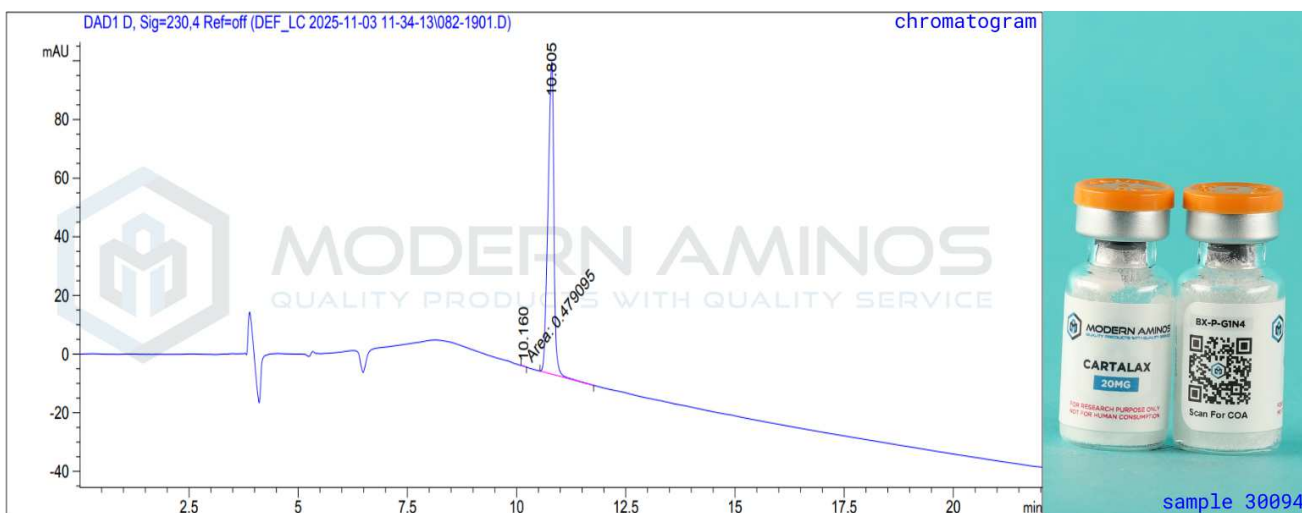
Sample received: 10/29/25

Analysis conducted: 11/03/25

Product:	Cartalax 20mg	CAS:	N/A
Batch:	BX-P-G1N4	Formula:	C12H19N3O8
Appearance:	Lyophilized peptide vial	Mol Wt:	333.29 g·mol ⁻¹

Qualitative and quantitative chemical analysis by HILIC-HPLC with UV detection

	Specification	Results (3 samples)			
Identity:	Cartalax	Cartalax			Conforms
Quantity:	20mg	20.89mg	20.49mg	19.82mg	Conforms
Purity:	> 98%	99.963%	99.947%	99.952%	Conforms



Lucas Weber

Lucas Weber
Principal Chemist

COA #30094
access code MODERNYEQYX8
chromate.org/verify
produced 12/09/25





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Certificate of Analysis

Accession Number	2510290048
Client	MODERN AMINOS
Search Code	MODE2510290048

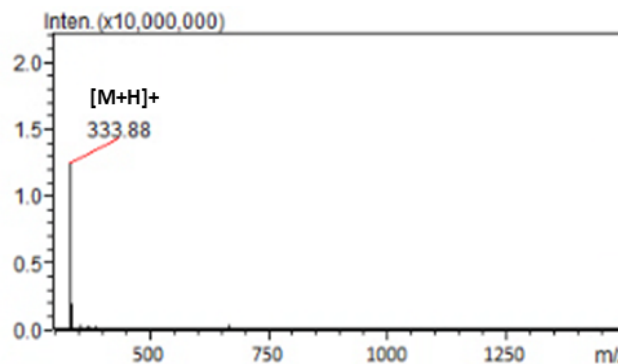
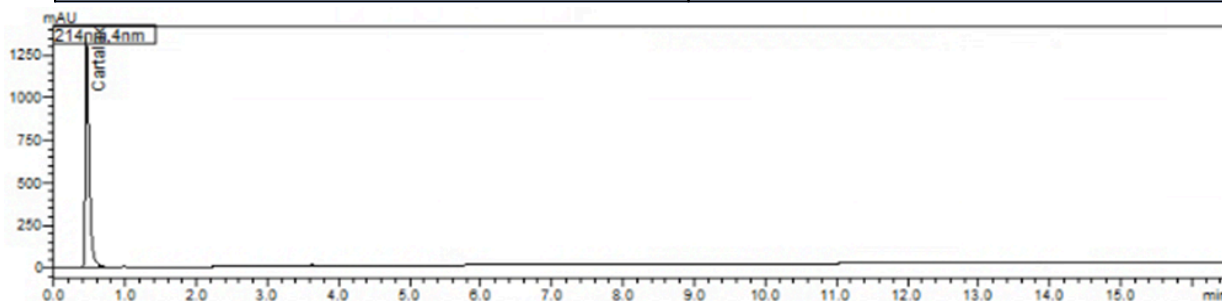
Received Date:	10/29/2025
Reported Date:	11/1/2025

Product	CARTALAX 20mg
Net Peptide Content	23.12 mg 23.33 mg 23.49 mg
Average Content (mg)	23.313

Lot	BX-P-G1N4
Average Purity	99.830%
Appearance	White Lyophilized Powder

All Chemical Analysis was performed by HPLC with UV Detection Coupled with Mass Spectrometry

Mass Identification	Result
Cartalax	99.883%, 99.816%, 99.792%



Stephen Schmidt

COA: 2510290048

Stephen Schmidt
Principal Chemist

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.

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Certificate of Analysis

Accession Number	2510290051
Client	MODERN AMINOS
Search Code	MODE2510290051

Received Date:	10/29/2025
Reported Date:	11/1/2025

Product	CARTALAX 20mg
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Lot	BX-P-G1N5
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All analyses are conducted for research purposes and performed in duplicate in accordance with USP <85> guidelines

	Endotoxin Threshold	Result
Replicate 1	≤ 0.05 EU/mL	Pass
Replicate 2	≤ 0.05 EU/mL	Pass



Stephen Schmidt

COA: 2510290051

Stephen Schmidt
Principal Chemist

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