Certificate of Analysis

Biogenica Labs • Analytical Services Division
ISO/IEC 17025-aligned testing • GMP-grade analysis

Accession Number	Client	Sample Code	Received Date	Reported Date
AC-THA0001-2604	Amino Club	AM-THA0001	2026-04-05	2026-04-12

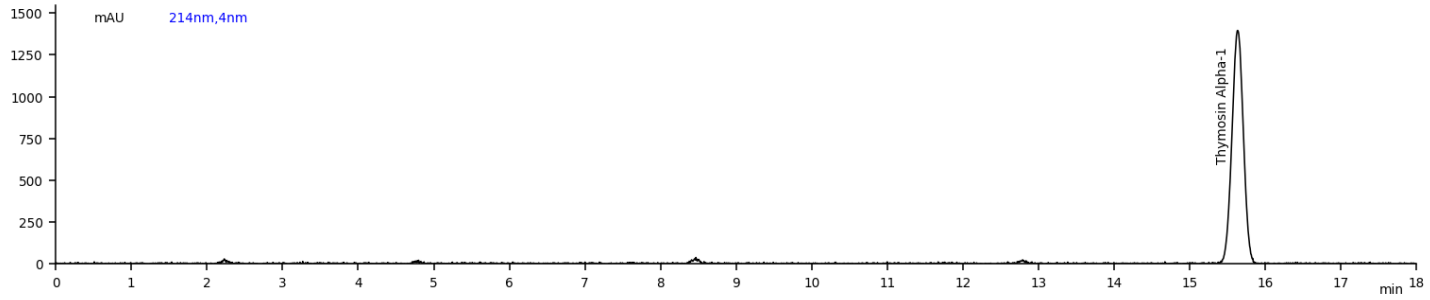
Product	Thymosin Alpha-1	**Lot Number**	THA0001
Variant	10MG	**Net Peptide Content**	11.41 mg
Label Strength	10 mg	**Purity (HPLC)**	99.912%
Identity Confirmation	Conforms (MS)	**Appearance**	White lyophilized powder
Molecular Formula	C129H215N33O55	**Molecular Weight**	3108.32 g/mol
CAS Number	62304-98-7	**Test Article State**	Lyophilized solid

ANALYTICAL METHODS • RP-HPLC (214 nm) | LC-MS (ESI+) | Appearance / Solubility

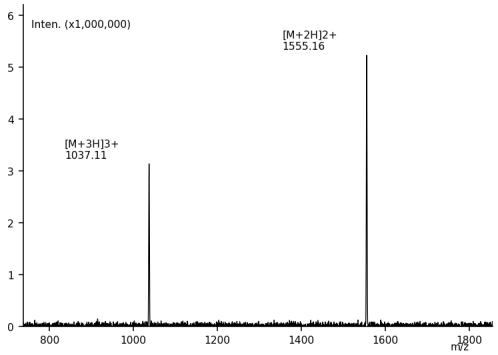
Mass Identification

Theoretical [M]	Observed $[M+2H]^{2+}$	Observed $[M+3H]^{3+}$	Result
3108.32 Da	1555.16 m/z	1037.11 m/z	Conforms

HPLC Chromatogram — Purity 99.912%



Mass Spectrum (LC-MS, ESI+)



Released by Biogenica Labs

Tested and approved in accordance with internal quality control procedures.
Date of Release: April 12, 2026

COA No.
BG-THA0001-2604
Document Revision: 01
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