Horizon Analytical

Certificate of Analysis

Lot Number: DPS-9015649
Brand / Distributed by: Freedom Peptides LLC
Identity: Getfreedompeptides.com
Product Type: Lyophilized Vials

Analysis Date: 09/24/2026
Searchable via: horizonanalytical.com

Compound:	Thymosin Alpha-1
Report Number:	1029430
Appearance:	White Lyophilized Powder

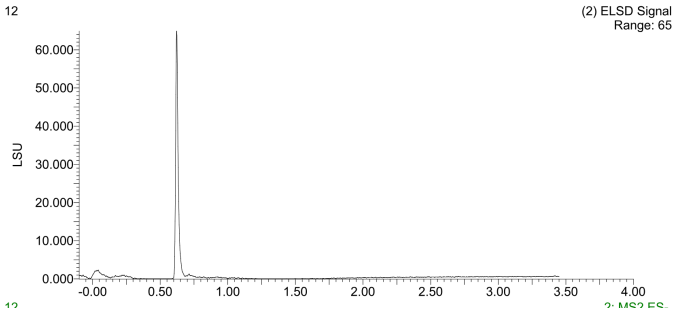
CAS:	62304-98-7
Formula:	$C_{129}H_{215}N_{33}O_{55}$
Mol Weight:	~3108.3 g/mol

Pubchem CID: 16130571

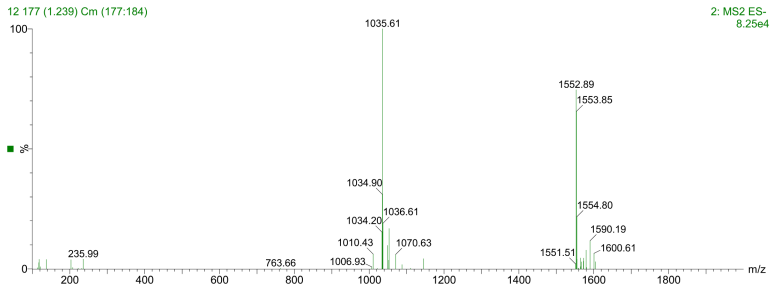
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Identification:	Thymosin Alpha-1	Thymosin Alpha-1	
Quantitation:	10mg	9.98mg	
Purity:	>98%	99.59%	

UPLC



MS



Aleksey Yevtodiyenko PhD
Research and Formulation Chemist

This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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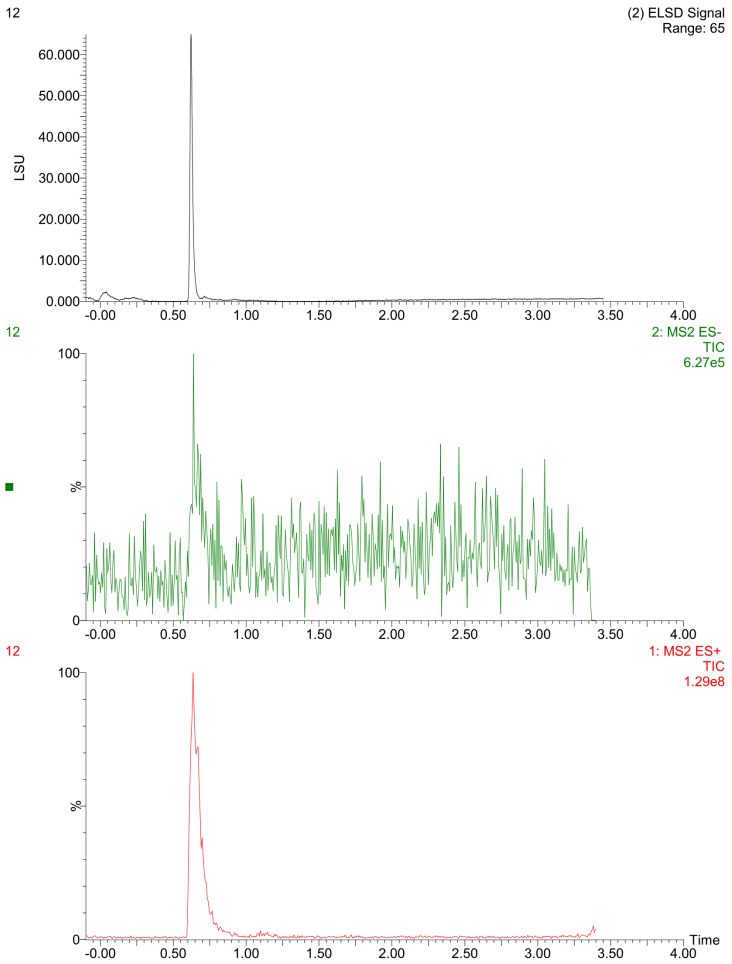
Thymosin Alpha-1 (10mg) • Pubchem CID: 16130571
Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)

