Horizon Analytical

Certificate of Analysis

Lot Number: DPS-1947064
Client Name: Direct Peptides
Identity: directpeptides.com

Lab Received Date: 04/15/2026
Analysis Conducted: 04/26/2026
Searchable via: horizonanalytical.com

Compound:	Thymosin Alpha-1
Report Number:	1002794
Appearance:	White Lyophilized Powder

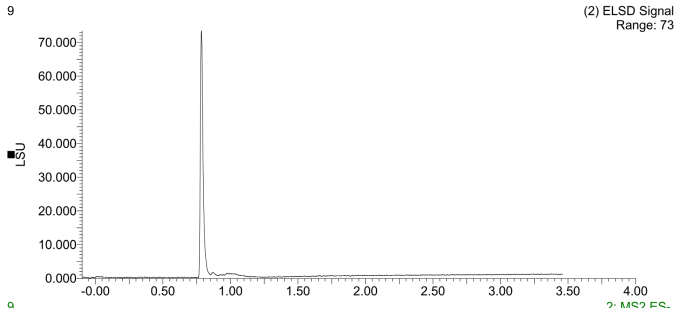
CAS:	62304-98-7
Formula:	$C_{129}H_{215}N_{33}O_{55}$
Mol Weight:	~3108.3 g/mol

Pubchem CID: 16130571

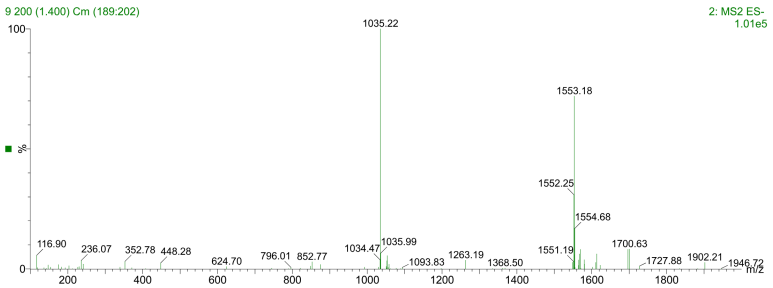
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

	Specification	Result	Scan to Validate:
Compound Test:	Thymosin Alpha-1	Thymosin Alpha-1	
Quantity:	10mg	10.25mg	
Purity:	>98%	99.32%	

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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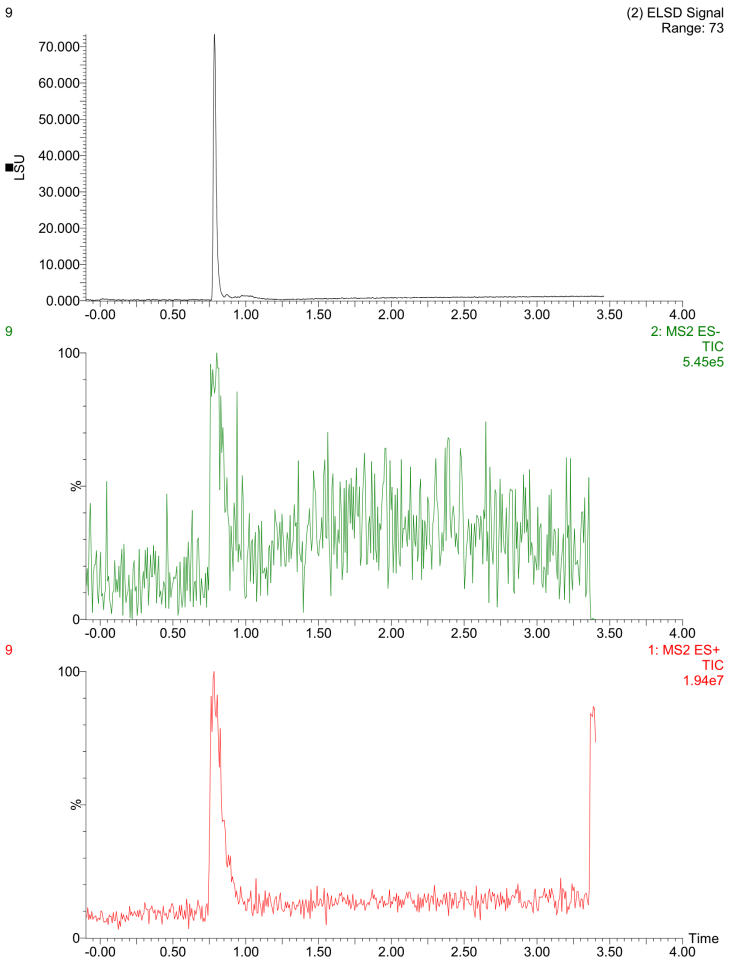
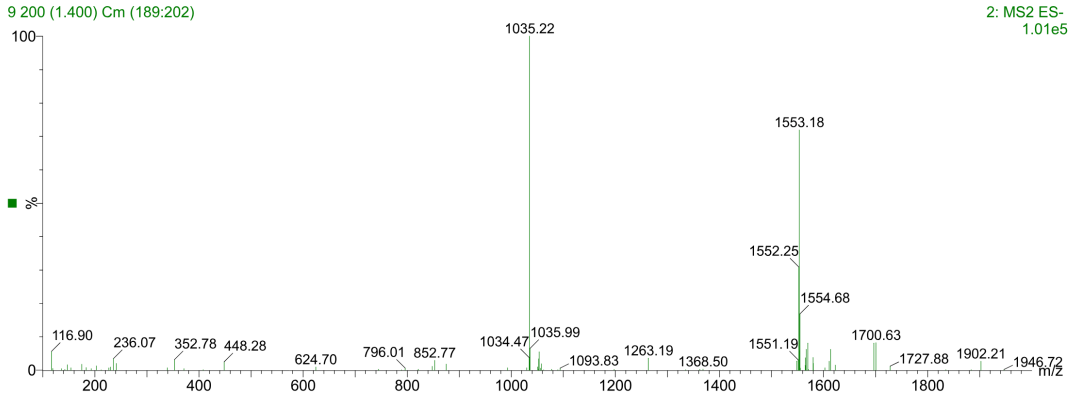
Thymosin Alpha-1 (10mg) • Pubchem CID: 16130571

Ultra High Performance Liquid Chromatography (UPLC)



Mass Spectrometry (MS)