Horizon Analytical

# Certificate of Analysis

Lot Number: DPS-4692117
Brand / Distributed by: Direct Peptides
Identity: directpeptides.com

Analysis Date: 07/22/2026
Searchable via: horizonanalytical.com

| | |
|---|---|
| Compound: | Thymosin Alpha-1 |
| Report Number: | 1018554 |
| Appearance: | White Lyophilized Powder |

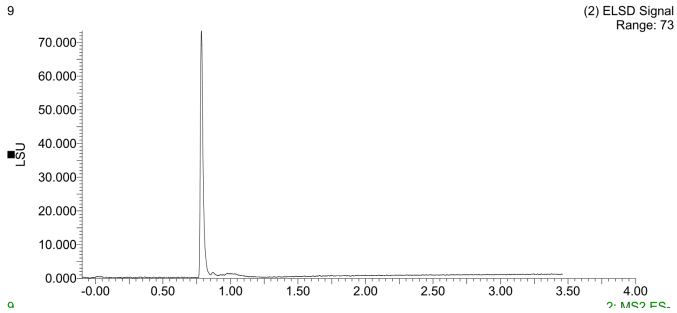
| | |
|---|---|
| CAS: | 62304-98-7 |
| Formula: | $C_{129}H_{215}N_{33}O_{55}$ |
| Mol Weight: | ~3108.3 g/mol |

Pubchem CID: 16130571

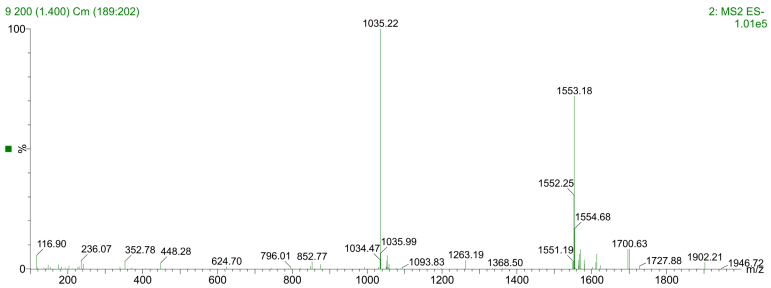
Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

| | Specification | Result | Scan to Validate: |
|---|---|---|---|
| Compound Test: | Thymosin Alpha-1 | Thymosin Alpha-1 | |
| Quantity: | 10mg | 10.25mg | |
| Purity: | >98% | 99.72% | |

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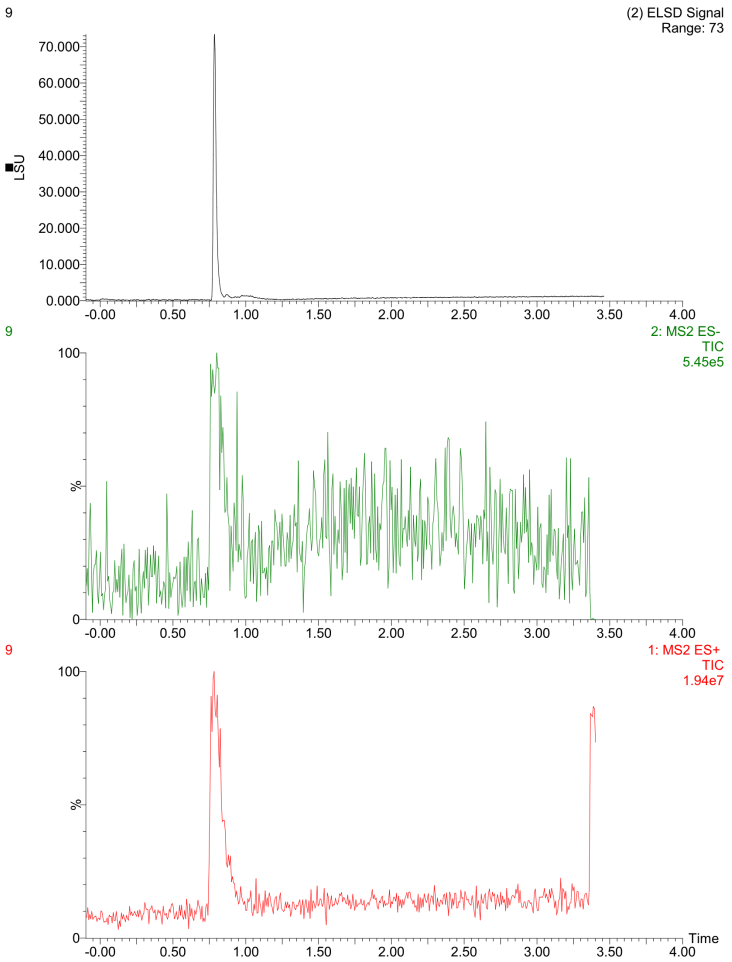
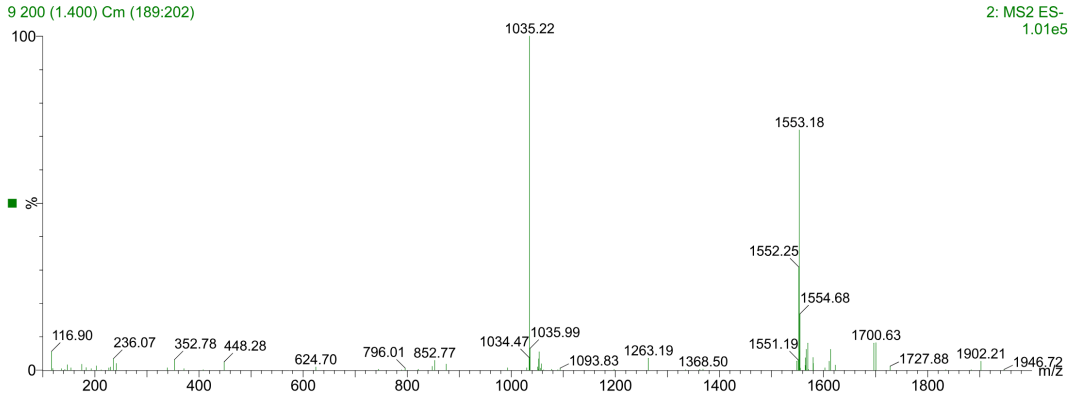
Thymosin Alpha-1 (10mg) • Pubchem CID: 16130571
Ultra High Performance Liquid Chromatography (UPLC)




Mass Spectrometry (MS)