

Lot Number: [CB-8269267-E](#)  
Client Name: [Catalyst BioLabs](#)  
Identity: <https://catalystbiolabs.com>

Received Date: [06/30/2026](#)  
Analysis Conducted: [06/25/2026](#)  
Searchable via: [horizonanalytical.com](https://horizonanalytical.com)

|             |                  |
|-------------|------------------|
| Compound:   | Thymosin Alpha-1 |
| Lot:        | CB-8269267-E     |
| Appearance: | -                |

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| CAS:        | 62304-98-7                                                        |
| Formula:    | C <sub>129</sub> H <sub>215</sub> N <sub>33</sub> O <sub>55</sub> |
| Mol Weight: | ~3108.3 g/mol                                                     |

Pubchem CID: 16130571

#### Endotoxin Test

|                | Specification    | Result       | Scan to Validate:                                                                   |
|----------------|------------------|--------------|-------------------------------------------------------------------------------------|
| Compound Test: | Thymosin Alpha-1 | -            |  |
| Endotoxin:     | -                | < 0.05 EU/mL |                                                                                     |

Aleksey Yevtodiyenko PhD  
Research and Formulation Chemist



This endotoxin analysis was performed under standard laboratory conditions using validated testing methodologies to ensure accurate and reliable results. The analysis is intended for informational and research purposes only.

Contact at: [contact@horizonanalytical.com](mailto:contact@horizonanalytical.com)

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Lot Number: **CB-8269267-P**  
 Client Name: **Catalyst BioLabs**  
 Identity: **<https://catalystbiolabs.com>**

Received Date: **06/30/2026**  
 Analysis Conducted: **06/25/2026**  
 Searchable via: **[horizonanalytical.com](https://horizonanalytical.com)**

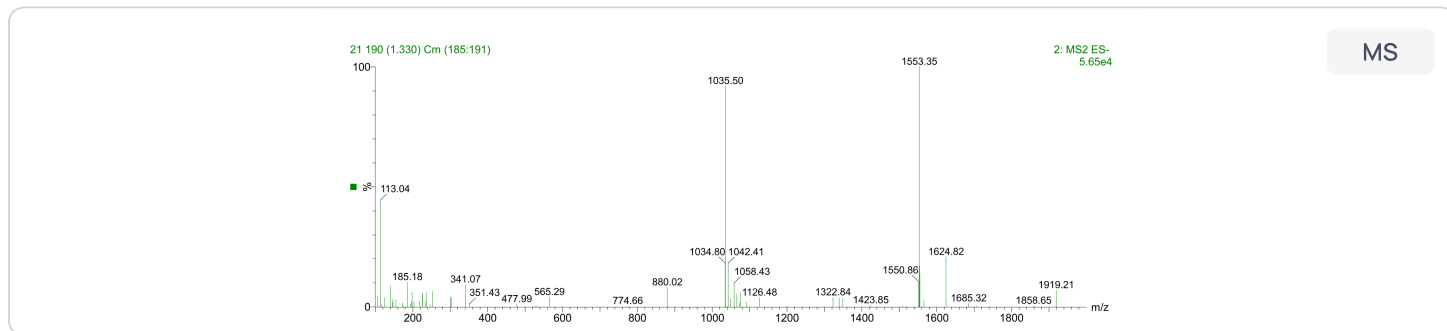
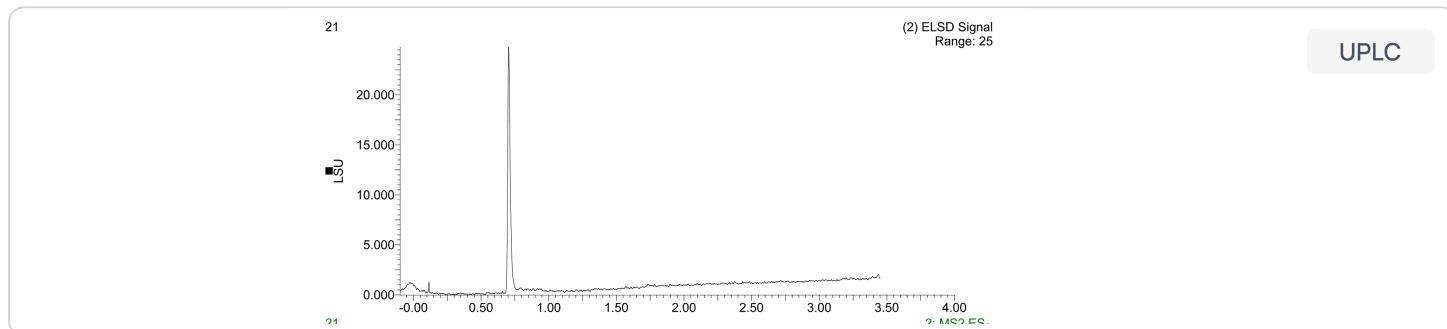
|             |                          |
|-------------|--------------------------|
| Compound:   | Thymosin Alpha-1         |
| Lot:        | CB-8269267-P             |
| Appearance: | White Lyophilized Powder |

|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| CAS:        | 62304-98-7                                                        |
| Formula:    | C <sub>129</sub> H <sub>215</sub> N <sub>33</sub> O <sub>55</sub> |
| 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             | 10.24mg          |                                                                                     |
| Purity:        | >98%             | 99.25%           |                                                                                     |



**Aleksey Yevtodiyenko PhD**  
Research and Formulation Chemist

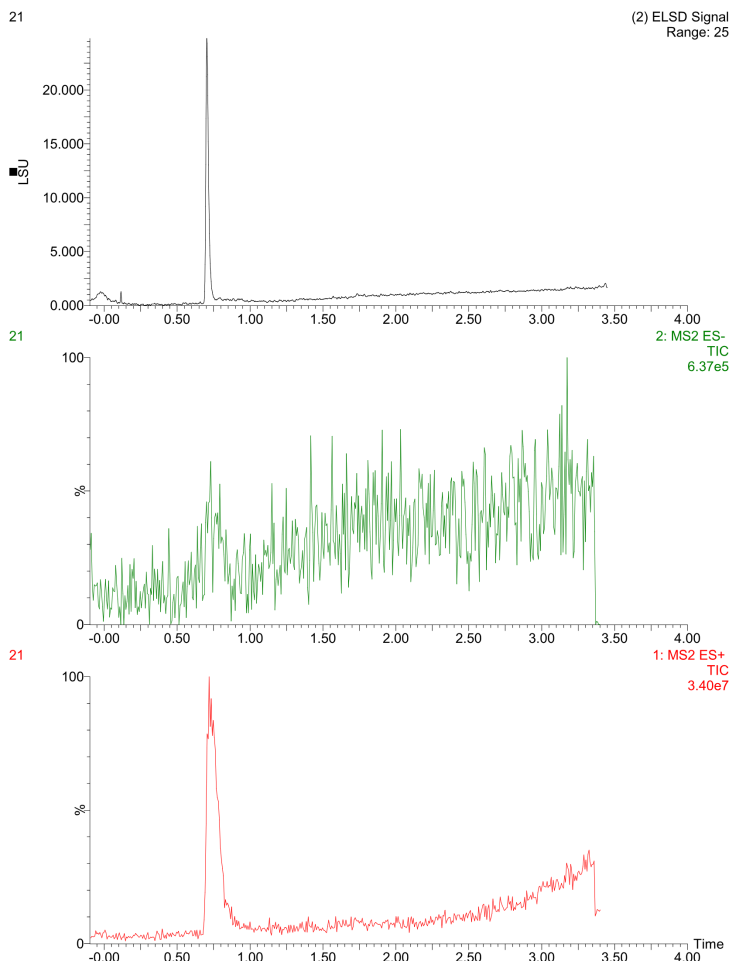


This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.

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



Mass Spectrometry (MS)

