

**Client: Pure Health Peptides**  
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Sample received: **10/29/25**  
Analysis conducted: **11/06/25**

Compound:	Thymosin Alpha-1	CAS:	62304-98-7
Batch/Lot #:	TUY-102025	Formula:	C129H215N33O55
Appearance:	White lyophilized powder	Mol Wt:	3108.3 g/mol

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

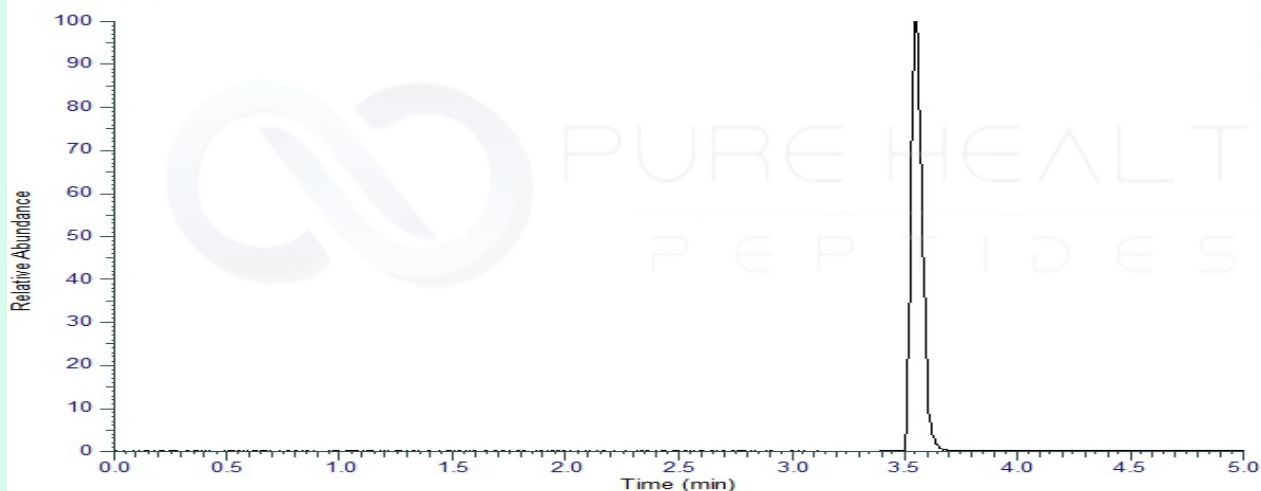
**Pubchem CID:** 16130571

Thymosin Alpha-1 | C129H215N33O55 | CID 16130571

	Specification	Result	
Identity Test:	Thymosin Alpha-1	<b>Thymosin Alpha-1</b>	<b>Conforms</b>
Quantity:	5 mg $\pm$ 15%	6.23 mg	<b>Conforms</b>
Purity:	>99%	<b>99.80%</b>	<b>Conforms</b>

### LC-MS Chromatogram: Retention Time and Peak Analysis

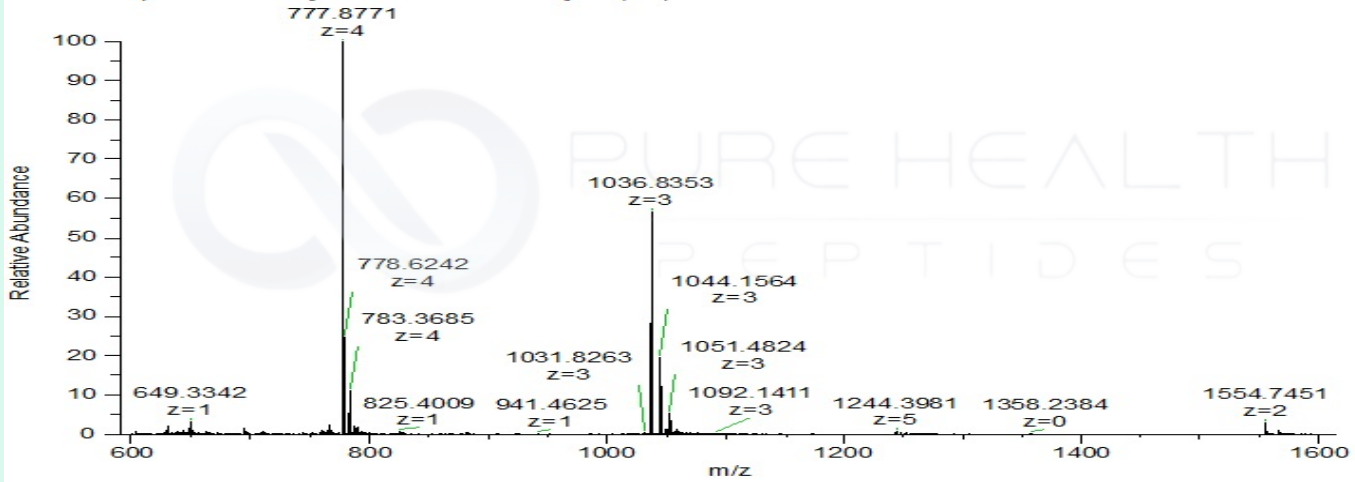
RT : 0.00-5.00



NL: 2.10E8  
m/z= 777.8732-  
777.8810 MS  
PHP-  
ThymosinAlpha1-  
5mg-01

## Full Scan Mass Spectrometry Analysis

PHP-ThymosinAlpha1-5mg-01 #593 RT: 3.56 AV: 1 NL: 2.10E8  
T: FTMS + p ESI Full ms [600.0000-1600.0000] IIT (ms): 4.0930



### Analysis Performed by

Dr. Roberto Marin  
Analytical Chemist  
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*Roberto Marin*

