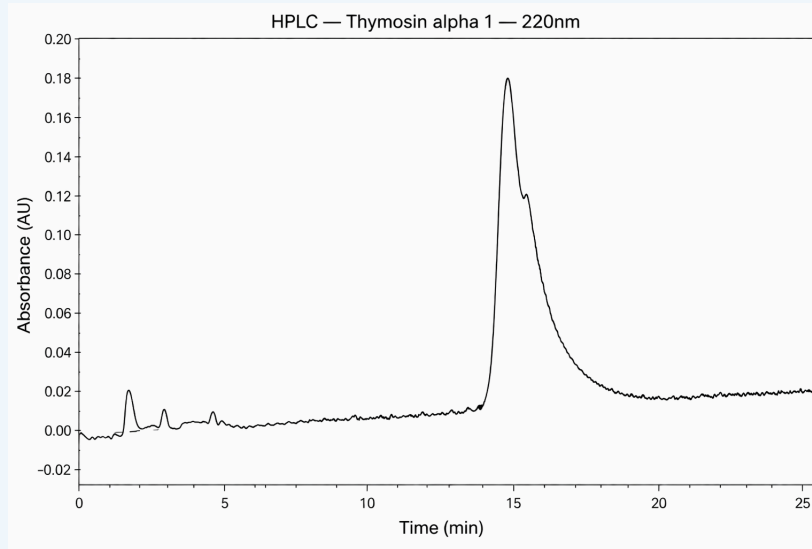


Certificate of Analysis

Product Name: Thymosin alpha 1 complex

HPLC:



MW: 3108.3 g/mol

CAS: 62304-98-7

Batch Number: 6TA103262025

Manufacture Date: 03/26/2025 **Expiration Date:** 03/26/2027

Client Name: LARP LLC

Specifications:

Parameter	Specification	Results	Method
Appearance	White Crystalline	Conforms	Observation
Content	Thymosin alpha 1 4.12mg	4.12mg	Q-TOF LC/MS
Solubility in Water	Clear transparent	Conforms	Observation
Peptide Purity (HPLC)	≥98.5%	99.85%	Waters 2489 HPLC
Mass Spectrometry	3108.5 g/mol	Conforms	Q-TOF LC/MS
Assay/Content	≥98.5%	99.85%	Q-TOF LC/MS
Other Amino Acids	Not detectable/≤1%	ND	Q-TOF LC/MS
pH	6 to 8	7.0	pH meter
Endotoxin Analysis/EU	≤1EU/mL	0.067EU/mL Conforms	Chromogenic LAL Assay

Conclusion: This batch meets all quality control specifications for release as detailed above.

Edwin Hoag

Edwin Hoag MD PhD 04/10/2026