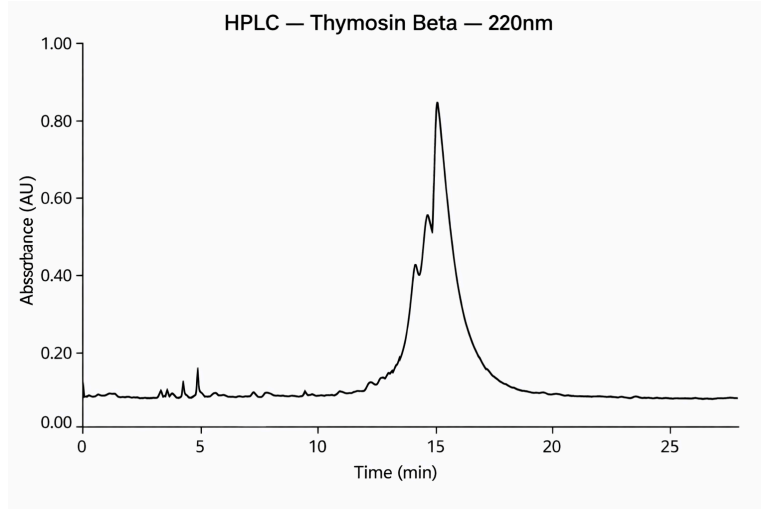


Certificate of Analysis

Product Name: Thymosin Beta -4 10mg

HPLC:



MW: 4963.5g/mol

CAS: 77591-33-4

Batch Number: 5HTB51012182025

Manufacture Date: 12/18/2025

Expiration Date: 12/18/2027

Client: LARP LLC

Specifications:

Parameter	Specification	Results	Method
Appearance	Light Yellow Crystalline	Conforms	Observation
Content	Thymosin Beta-4	10mg	Q-TOF LC/MS
Solubility in Water	Clear transparent	Conforms	Observation
Peptide Purity (HPLC)	≥98.1%	99.5%	Waters 2489 HPLC
Mass Spectrometry	4993.5 g/mol	Conforms	Q-TOF LC/MS
Assay/Content	≥95.0%	99.5%	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	0.066EU/mL Conforms	Chromogenic LAL Assay

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

Edwin Hoag

Edwin Hoag MD PhD 01/5/2026