

Certificate Of Analysis

Peptide Name	Thymosin α1		
Molecular Formula	C ₁₂₉ H ₂₁₅ N ₃₃ O ₅₅	Manufacturing	2026/08/27
Molecular Weight	3108.28	Report Date	2026/08/27
CAS No.	62304-98-7	Re-test Date	2028/08/26
Appearance	white powder	Packing size	1Kg/bag
Reference Standard	Reference Ch.p	Storage conditions	Cool dry place(away from the light)
Sequence	Ac-Ser-Asp-Ala-Ala-Val-Asp-Thr-Ser-Ser-Glu-Ile-Thr-Thr-Lys-Asp-Leu-Lys-Glu-Lys-Lys-Glu-Val-Val-Glu-Glu-Ala-Glu-Asn-OH		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.04%
Acetate Content(HPLC)	<5.0%	1.3%
Water Content (Karl Fischer)	≤10.0%	9.3%
Peptide Content (N%)	≥80.0%	88.5%
Mass Balance	95.0~105.0%	Conforms

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhao

QC Director: Melker Zhu

Checker: Bowen Yang