Certificate Of Analysis

NO:026-T83-TSX

Peptide Name	Thymosin α1		
Molecular Formula	$C_{129}H_{215}N_{33}O_{55}$	**Manufacturing**	2026/09/03
Molecular Weight	3108.3	**Report Date**	2026/09/08
CAS No.	62304-98-7	**Re-test Date**	2028/09/03
Appearance	white powder	**Packing size**	1Kg/bag
Renference Standard	Renference 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%	99.02%
Water Content (Karl Fischer)	≤10.0%	2.30%
Peptide Content (N%)	≥80.0%	94.6%
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