

Certificate Of Analysis

NO:026-A87-TSX

Peptide Name	Thymosin β4		
Molecular Formula	C ₂₁₂ H ₃₅₀ N ₅₆ O ₇₈ S	Manufacturing	2026/09/06
Molecular Weight	4963.44	Report Date	2026/09/12
CAS No.	77591-33-4	Re-test Date	2028/09/12
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Renference Ch.p	Storage conditions	-15°C to -25°C
Sequence	Ac-Ser-Asp-Lys-Pro-Asp-Met-Ala-Glu-Ile-Glu-Lys-Phe-Asp-Lys-Ser-Lys-Leu-Lys-Lys-Thr-Glu-Thr-Gln-Glu-Lys-Asn-Pro-Leu-Pro-Ser-Lys-Glu-Thr-Ile-Glu-Gln-Glu-Lys-Gln-Ala-Gly-Glu-Ser-OH		

Tests	Specifications	Results
Appearance	White powder	Conforms
Solubility	Soluble in water	Conforms
Purity(HPLC)	≥ 98.0%	99.0%
Water Content (Karl Fischer)	≤ 8.0%	4.3%
Acetic Acid (By HPLC)	≤ 10.0%	4.8%
Related Substance (By HPLC)	Total Impurities(%)≤ 2.0%	1.0%
	Largest Single Impurity (%) ≤ 1.0%	0.3%
Organic Solvent Residue	Acetonitrile≤ 0.041 %	< 0.041%
	Dichloromethane≤ 0.060%	< 0.060%
	N,N-Dimethylformamide≤ 0.088%	< 0.088%
Bacterial endotoxin	< 10EU/mg	< 10 EU/mg

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: Meiker Zhu

Checker : Bowen Yang