

Certificate Of Analysis

NO:024-T81-TSX

Peptide Name	Thymosin β 4, TB500	Molecular Formula	C ₂₁₂ H ₃₅₀ N ₅₆ O ₇₈ S
Molecular Weight	4963.49	CAS No.	77591-33-4
Appearance	white powder	Reference Standard	Enterprise Standard
Sequence	<i>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</i>		
Manufacturing	2026/02/06	Report Date	2026/02/08
Re-test Date	2028/02/07		
Packing size	1Kg/bag	Storage conditions	Cool dry place(away from the light)

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity (HPLC)	$\geq 98.0\%$	99.54%
Acetate Content (HPLC)	$< 12.0\%$	3.39%
Water Content (Karl Fischer)	$\leq 10.0\%$	7.22%
Peptide Content (N%)	$\geq 80.0\%$	88.93%
Mass Balance	95.0~105.0%	Conforms

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**Limit To Research And Submission Use
Not For Direct Human Application**