

TB500 / Thymosin β4

BATCH NUMBER
27812

CERTIFICATE OF ANALYSIS (COA)

01 COMPOUND DETAILS

CAS NUMBER	MOLECULAR FORMULA	MOLECULAR WEIGHT	QUANTITY
77591-33-4	C ₂₁₂ H ₃₅₀ N ₅₆ O ₇₈ S	4963.51	1096 g
BATCH NUMBER	MANUFACTURE DATE	REPORT DATE	RETEST DATE
27812	01/09/2026	02/09/2026	01/12/2026

PEPTIDE 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

02 ANALYTICAL RESULTS

#	TEST	SPECIFICATION	REPORTED RESULT
1	Appearance	White to off white powder	White powder
2	Solubility	Freely soluble in water	Conforms
3	Differentiate	Positive reaction	Conforms
4	Molecular Ion Mass	4963.51±2	4963.51
5	Water Content (K.F)	≤10.0%	4.5%
6	Acetic Acid	≤12.0%	4.4%
7	Related Solvent	Methano ≤0.3%	0.1%
		Acetonitrile ≤0.04%	0.006%
		DMF ≤0.088%	ND
8	Purity (by HPLC)	≥99.0%	99.3%
9	Bacterial Endotoxins	< 10 EUmg	Conforms
10	Peptides Content	≥90.0%	90.4%

STORAGE	Preserve in an air tight container, protected from light at a temperature of -25°C-15°C
CONCLUSION	The product tested Conform with In-house standard
REMARK	It is only supplied as chemical product