

CERTIFICATE OF ANALYSIS

Product Name	Thymosin alpha-1; Thymalfasin	CAS NO.	62304-98-7
Batch NO.	NCTHYA251025	Molecular formula	C129H215N33O55
Manufacture Date	Oct. 25, 2025	Molecular weight	3108.32
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		

TEST	SPECIFICATION	RESULTS
Appearance	White or off-white powder	Conforms
Identity by HPLC	The retention time of the main principal of the test Solution corresponds to that of the reference Solution, as obtained in the assay	Conforms
MS	Consistent	Consistent
Purity(HPLC)	≥ 98%	99.0%
Peptide Assay	80.0%~120.0%	100.5%
Solubility	Soluble in water	Conforms
Water	≤ 7.0%	5.2%
Acetic Acid	≤ 10.0%	0.04%
Conclusion	This product conforms to the Enterprise Standard.	

Note: this product is intended for research use only

Important: Stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated.

QC DIRECTOR: GE LINGLING

CHECKER:MIUQIN

INSPECTOR:QIAN YUN