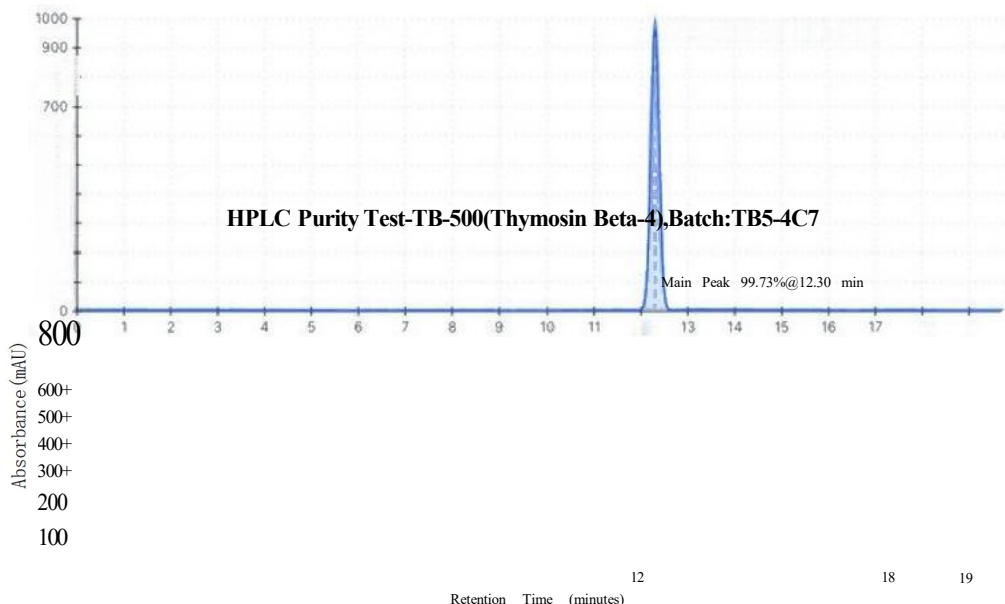


CERTIFICATE OF ANALYSIS

BATCH VERIFICATION

BATCH	TB5-4C7
Date	14.02.2026
Purity	99.13%HPLC
Heavy Metals	Non-detected



TECHNICAL PROPERTIES

Property	Details
Product	TB-500 (Thymosin Beta-4)
Identifiers	CAS:77591-33-4
Molecular Formula	C ₂₂ H ₃₅ N ₅ O ₇ S
Molecular Weight	4693.0 g/mol
Storage	Powder:-20°C=3 Years,4°C=2 Years.1mg=3 Month Solvent:-80°C=6 Months, -20°C=1Month,20°C=1Week
Chemical Structure	Ac-Ser-Asp-Lys-Pro-Asp-Met-Ala-Glu-Ile-Glu-Lys-Phe-Asp-Lys-Ser-Leu-Lys-Lys-Thr- Glu-Thr-Gln-Glu-Gln-Lys-Asn-Pro-Leu-Pro-Ser-Lys-Glu-Thr-Ile-Glu-Gln-Glu-Lys-Gln- Ala-Gly-Glu-Ser-OH

TEST RESULTS

Test Item	Specification	Method	Result
Appearance	White to off-white lyophilized powder	Visual	Conforms
Purity(HPLC)	≥98%	HPLC	99.13%
TFA Content	≤0.5%	NMR	Conforms
Identification	Consistent with reference	MS/NMR	Pass