



HEALTHTIDE BIOTECH CO.,LTD.

Certificate of Analysis

Product Name	Thymosinβ4	CAS No.	77591-33-4
Molecular Formula	C212H350N56O78S	Molecular Weight	4963.44
Batch No.	XR25122202-1	Date of Mfg	Dec 22,2025
Reference Standard	Enterprise Standard	Retest Date	Dec 21,2027
Storage	Place in an airtight container protected from light and keep the temperature between 2℃ and 8℃.		
TEST	SPECIFICATION		RESULT
Appearance	White or almost white fluffy powder		Conform
Solubility	Soluble in water		Conform
Water Content (Karl Fischer)	≤ 8.0%		4.32%
Acetic Acid (By HPLC)	≤ 5%		1.11%
Trifluoroacetic Acid	≤ 0.5%		Not Detected
Peptide Purity (By HPLC)	≥ 98.0%		99.57%
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%		0.56%
	Largest Single Impurity(%) ≤ 1.0%		0.21%
Assay	≥ 90.0%		94.32%
Bacterial Endotoxins	≤10EU/mg		Conform
Conclusion	This batch meets the internal standards of the enterprise and is qualified.		

Note: This product is for research or production use only. Not for direct human use

Analyst: Pu mingyue

Approved by: Ding wenzhen

