



Sichuan Taihui Biotechnology Co., Ltd.

Certificate of Analysis			
Product Name	Thymalfasin	CAS No.	62304-98-7
Molecular Formula	C129H215N33O55	Molecular Weight	3108.32
Batch No.	XR23112301-1-1	Date of Mfg	Jan 21,2023
Reference Standard	Enterprise Standard	Retest Date	Jan 20,2025
Storage	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C.		
TEST	SPECIFICATION	RESULT	
Appearance	White or almost white fluffy powder	Conform	
Solubility	Soluble in water	Conform	
Water Content (Karl Fischer)	≤ 8.0%	1.40%	
Acetic Acid	≤ 15%	0.15%	
Trifluoroacetic Acid	≤ 0.5%	Not Detected	
Peptide Purity (By HPLC)	≥ 98.0%	99.56%	
Related Substance (By HPLC)	Total Impurities(%) ≤ 2.0%	0.44%	
	Largest Single Impurity(%) ≤ 1.0%	0.18%	
Bacterial Endotoxins	≤ 10 EU/mg	Conform	
Assay	≥ 90.0%	92.24%	
Acetonitrile	NMT 0.041%	0.01%	
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

