

Thymalin

Certificate of Analysis

Product Name	Thymulin/Thymalin		
CAS No.	63958-90-7	Batch No.	20250926046
Date of Producing	2025-09-26	Molecular Formula	C33H54N12O15
Retest Date	2027-09-26	Molecular Weight	858.85
Condition of Storage	2~8℃		
Reference Standard	Enterprise Standard		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white powder	Conforms
Solubility	soluble in water	Conforms
Water Content (Karl Fischer)	≤8.0%	5.1%
Acetic Acid (By HPLC)	≤15.0%	4.5%
Peptide Purity (By HPLC)	≥95.0%	99.0%
Related Substance (By HPLC)	Total Impurities(%)≤2.0%	1.0%
	Largest Single Impurity(%)≤1.0%	0.8%
Organic Solvent Residue	Acetonitriles≤0.041%	<0.041%
	Dichloromethanes≤0.060%	<0.060%
	N,N-Dimethylformamide≤0.088%	<0.088%

Conclusion	Conforms to the Enterprise standard
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