



PEPTIDE
WORKS

Sermorelin

Certificate of Analysis

Product Name	Sermorelin		
CAS No.	86168-78-7	Batch No.	20250926022
Date of Producing	2025-09-26	Molecular Formula	$C_{149}H_{246}N_{44}O_{42}S$
Retest Date	2027-09-26	Molecular Weight	3357.88
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%	4.5%
Acetic Acid (By HPLC)	≤15.0%	7.7%
Peptide Purity (By HPLC)	≥98.0%	99.3%
Related Substance (By HPLC)	Total Impurities(%)≤2.0%	0.7%
	Largest Single Impurity(%)≤1.0%	0.2%
Organic Solvent Residue	Acetonitrile≤0.041%	<0.041%
	Dichloromethane≤0.060%	<0.060%
	N,N-Dimethylformamide≤0.088%	<0.088%

Conclusion	Conforms to the Enterprise standard
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