



## Certificate of Analysis

Product Name	Sermorelin	CAS No.	114466-38-5
Molecular Formula	C149H246N44O42S	Molecular Weight	3357.91
Batch No.	TH2305001	Date of Mfg	Jan 14,2024
Reference Standard	Enterprise Standard	Retest Date	Jan 13,2026
Storage	Place in an airtight container protected from light and keep the temperature between 2°C and 8°C.		
<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>	
Appearance	White or almost white fluffy powder	Conform	
Solubility	Soluble in water	Conform	
Water Content (Karl Fischer)	< 8.0%	3.50%	
Acetic Acid	< 15.0%	7.21%	
Trifluoroacetic Acid	< 0.5%	Not Detected	
Peptide Purity (By HPLC)	> 98.0%	99.48%	
Related Substance (By HPLC)	Total Impurities(%) < 2.0%	0.52%	
	Largest Single Impurity(%) < 1.0%	0.27%	
Bacterial Endotoxins	<10EU/mg	Conform	
Assay	> 85%	87.62%	
Conclusion	This batch meets the internal standards of the enterprise and is qualified.		

Note: This product is for research or production use only.