



HEALTHTIDE BIOTECH CO.,LTD.

Certificate of Analysis

Product Name	Sermorelin	CAS No.	114466-38-5
Molecular Formula	C149H246N44O42S	Molecular Weight	3357.91
Batch No.	TH25122302	Date of Mfg	Dec 23,2025
Reference Standard	Enterprise Standard	Retest Date	Dec 22,2027
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)	$\leq 8.0\%$		3.45%
Acetic Acid	$\leq 15.0\%$		7.20%
Trifluoroacetic Acid	$\leq 0.5\%$		Not Detected
Peptide Purity (By HPLC)	$\geq 98.0\%$		99.45%
Related Substance (By HPLC)	Total Impurities(%) $\leq 2.0\%$		0.56%
	Largest Single Impurity(%) $\leq 1.0\%$		0.25%
Bacterial Endotoxins	$\leq 10\text{EU/mg}$		Conform
Assay	$\geq 85\%$		87.67%
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 wenzen