



HEALTHTIDE BIOTECH CO.,LTD.

Certificate of Analysis

Product Name	Tesamorelin	CAS No.	218949-48-5
Molecular Formula	C221H366N72O67S	Molecular Weight	5135.86
Batch No.	XR25121801-1	Date of Mfg	Dec 18,2025
Reference Standard	Enterprise Standard	Retest Date	Dec 17,2027
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)	$\leq 8.0\%$		5.61%
Acetic Acid (By HPLC)	$\leq 10.0\%$		4.56%
Trifluoroacetic Acid	$\leq 0.5\%$		Not Detected
Peptide Purity (By HPLC)	$\geq 98.0\%$		99.66%
Related Substance (By HPLC)	Total Impurities($\%$) $\leq 2.0\%$		0.41%
	Largest Single Impurity($\%$) $\leq 1.0\%$		0.14%
Bacterial Endotoxins	$\leq 10\text{EU/mg}$		Conform
Assay	$\geq 85.0\%$		92.55%
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