



## Certificate of Analysis

Product Name	Tesamorelin	CAS No.	218949-48-5
Molecular Formula	C221H366N72O67S	Molecular Weight	5135.86
Batch No.	XR23101101-6	Date of Mfg	Dec 08,2023
Reference Standard	Enterprise Standard	Retest Date	Dec 07,2025
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%	5.60%	
Acetic Acid (By HPLC)	< 10.0%	4.62%	
Trifluoroacetic Acid	< 0.5%	Not Detected	
Peptide Purity (By HPLC)	> 98.0%	99.58%	
Related Substance (By HPLC)	Total Impurities(%) < 2.0%	0.42%	
	Largest Single Impurity(%) < 1.0%	0.19%	
Bacterial Endotoxins	< 10EU/mg	Conform	
Assay	85.0%	92.46%	
Conclusion	This batch meets the internal standards and is qualified.		

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