



Product Name	Tesamorelin	CAS #	218949-48-5
Molecular Formula	C221H366N72O67S	Molecular Weight	5135.85
Batch #	MU2300105	Date of Mfg	2025-06-24
Reference Standard	Enterprise Standard	Retest Date	2025-06-23
Storage	In an airtight container, protected from light, at a temp of 2C to 8C		

TEST	SPECIFICATION	RESULT
Appearance	White or almost white fluffy powder	Conform
Solubility	Soluble in water	Conform
Water Content (Karl Fischer)	≤ 8.0%	3.70%
Trifluoroacetic Acid	≤ 0.5%	Not Detected
Peptide Purity (By HPLC)	≥ 98.0%	99.32%
Related Substance (By HPLC)	Total Impurities (%) ≤ 2.0%	0.68%
	Largest Single Impurity (%) ≤ 1.0%	0.35%
Bacterial Endotoxins	≤ 10EU/mg	Conform
Assay	≥ 90.0%	99.63%
Residual Solvents	Acetonitrile: NMT 410ppm	250ppm
	Dichloromethane: NMT 600ppm	Not Detected
	DMF: NMT 880ppm	70ppm

Conclusion	This batch conforms with enterprise standards and qualified
Test Performed By	Michael P
Test Date	6/29/25