



Product Name	Sermorelin Acetate	CAS #	86168-78-7
Molecular Formula	C149H246N44O42S1	Molecular Weight	3357.96
Batch #	MU2300206	Date of Mfg	2023-05-14
Reference Standard	Enterprise Standard	Retest Date	2025-05-13
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
Acetate Content	≤ 12%	9.40%
Water Content (Karl Fischer)	≤ 8.0%	4.40%
Peptide Purity (By HPLC)	≥ 98.0%	99.13%
Related Substance (By HPLC)	Total Impurities (%) ≤ 2.0%	Conform
	Largest Single Impurity (%) ≤ 1.0%	
Bacterial Endotoxins	≤ 10EU/mg	Conform
Assay	≥ 90.0%	105.00%
Residual Solvents	Acetonitrile: NMT 410ppm	Not Detected
	Dichloromethane: NMT 600ppm	Not Detected
	DMF: NMT 880ppm	Not Detected

Conclusion	This batch conforms with enterprise standards and qualified
Test Performed By	Mike M
Test Date	5/19/23