



Product Name	PT-141	CAS #	189691-06-3
Molecular Formula	C50H68N14O10	Molecular Weight	1025.182
Batch #	TH2212001	Date of Mfg	2023-01-11
Reference Standard	Enterprise Standard	Retest Date	2025-01-10
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%	5.20%
Trifluoroacetic Acid	≤ 0.5%	Not Detected
Peptide Purity (By HPLC)	≥ 98.0%	99.30%
Related Substance (By HPLC)	Total Impurities (%) ≤ 2.0%	0.70%
	Largest Single Impurity (%) ≤ 1.0%	0.31%
Bacterial Endotoxins	≤ 10EU/mg	Conform
Assay	≥ 90.0%	100.21%
Residual Solvents	Acetonitrile: NMT 410ppm	40ppm
	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	1/16/23