



Product Name	HGH Fragment 176-191
Molecular Formula	C78H123N23O22S2
Batch #	TH2306001
Reference Standard	Enterprise Standard
Storage	In an airtight container, protected from light, at a temp of 2C to 8C

CAS #	66004-57-7
Molecular Weight	1799.1
Date of Mfg	2023-07-05
Retest Date	2025-07-04

TEST	SPECIFICATION	RESULT
Appearance	White or almost white fluffy powder	Conform
Solubility	Soluble in water	Conform
Water Content (Karl Fischer)	≤ 8.0%	3.60%
Trifluoroacetic Acid	≤ 0.5%	Not Detected
Peptide Purity (By HPLC)	≥ 98.0%	98.54%
Related Substance (By HPLC)	Total Impurities (%) ≤ 2.0%	1.46%
	Largest Single Impurity (%) ≤ 1.0%	0.42%
Bacterial Endotoxins	≤ 10EU/mg	Conform
Assay	≥ 90.0%	98.64%
Residual Solvents	Acetonitrile: NMT 410ppm	230ppm
	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	7/10/23