

CERTIFICATE OF ANALYSIS

Product Name	HGH Fragment 176-191AA	CAS NO.	66004-57-7
Batch NO.	NCHGHF2251008	Molecular formula	C78H123N23O22S2
Manufacture Date	Oct. 8, 2025	Molecular weight	1817.09
Sequence	H-Tyr-Leu-Arg-Ile-Val-Gln-Cys-Arg-Ser-Val-Glu-Gly-Ser-Cys-Gly-Phe -OH (Disulfide bridge C7-C14)		

TEST	SPECIFICATION	RESULTS
Appearance	White or almost white powder	Conforms
Identity by HPLC	The retention time of the main principal of the test Solution corresponds to that of the reference Solution, as obtained in the assay	Conforms
Solubility	Soluble in water	Conforms
Purity(HPLC)	≥ 98%	99.4%
Acetic Acid	≤ 15.0%	5.2%
Water	≤ 8.0%	5.2%
Related Substances	Total impurities ≤ 2.0%	0.6%
	Large Single Impurity ≤ 1.0%	0.4%
Organic solvent residue	Acetonitrile ≤ 0.041%	Conforms
	Dichloromethane ≤ 0.060%	Conforms
	N,N Dimethylformamide ≤ 0.088%	Conforms
Conclusion	This product conforms to the Enterprise Standard.	

Note: this product is intended for research use only

Important: Stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated.

QC DIRECTOR: GE LINGLING

CHECKER:MIUQIN

INSPECTOR:QIAN YUN