

Certificate Of Analysis

NO:024- H82-TSX

Peptide Name	HGH Fragment 176-191		
Molecular Formula	$C_{78}H_{123}N_{23}O_{22}S_2$	Manufacturing	2025/03/19
Molecular Weight	1817.0974	Report Date	2025/03/24
CAS No.	66004-57-7	Re-test Date	2027/03/23
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Renference Ch.p	Storage conditions	-15°C to -25°C
Sequence	Tyr-Leu-Arg-Ile-Val-Gln-Cys-Arg-Ser-Val-Glu-Gly-Ser-Cys-Gly-Phe		

Tests	Specifications	Results
Appearance	White powder	Conforms
Solubility	Soluble in water	Conforms
Purity(HPLC)	$\geq 98.0\%$	99.4%
Water Content (Karl Fischer)	$\leq 8.0\%$	5.2%
Related Substance (ByHPLC)	Total Impurities($\%$) $\leq 2.0\%$	0.6%
	Largest Single Impurity ($\%$) $\leq 1.0\%$	0.4%
Organic Solvent Residue	Acetonitrile $\leq 0.041\%$	$< 0.041\%$
	Dichloromethane $\leq 0.060\%$	$< 0.060\%$
	N,N-Dimethylformamide $\leq 0.088\%$	$< 0.088\%$
Acetic Acid (ByHPLC)	$\leq 15.0\%$	5.2%

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

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