Certificate Of Analysis

NO:026-D95-TSX

Peptide Name	HGH191AA		
Molecular Formula	$C_{990}H_{1528}N_{262}O_{300}S_7$	**Manufacturing**	2026/08/29
Molecular Weight	22124.12	**Report Date**	2026/09/03
CAS No.	12629-01-5	**Re-test Date**	2028/08/29
Appearance	White powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	-15℃to-25℃
Sequence	FPTIPLSRLFDNAMLRAHRLHQLAFDTYQEFEEAYIPKEQ KYSFLQNPQTSLCFSESIPTPSNREETQQKSNLELLRISLLL IQSWLEPVQFLRSVFANSLVYGASDSNVYDLLKDLEEGIQ TLMGRLEDGSPRTGQIFKQTYSKFDTNSHNDDALLKNYG LLYCFRKDMDKVETFLRIVQCRSVEGSCGF		

Tests	Tests Specifications	Results
Appearance	White powder	Conforms
Solubility	Soluble in water	Conforms
Purity(HPLC)	≥98.0%	99.41%
Water Content(Karl Fischer)	≤8.0%	5.2%
Related Substance(ByHPLC)	Total Impurities(%)≤2.0%	0.6%
	Largest Single Impurity(%)≤1.0%	0.4%
Organic Solvent Residue (Acetonitrile)	≤0.041%	<0.041%

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

Analyst: Warden Zhao **QC Director:** Melker Zhu **Checker :** Bowen Yang