Certificate Of Analysis

NO:026-L75-TSX

Peptide Name	LR_3-IGF_1		
Molecular Formula	$C_{400}H_{625}N_{111}O_{115}S_9$	**Manufacturing**	2026/09/09
Molecular Weight	9111.47 Da	**Report Date**	2026/09/14
CAS No.	946870-92-4	**Re-test Date**	2028/09/09
Appearance	White powder	**Packing size**	1Kg/bag
Renference Standard	Renference Ch.p	**Storage conditions**	Cool dry place(2-8°C, away from the light)
Sequence	MFPAMPLLSLFVLLLLALALALAPAAA-G-PETLCGAELVDALQFVCGDRGFYFNKPTGYGSSSRRAPQTGIVDECCFRSCDLRRLEMYCAPLKPAKSA		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.26%
Purity (SDS-PAGE)	No Visible Impurity Band	Conforms
Water Content (Karl Fischer)	≤3.0%	2.8%
Bacterial Endotoxin	⟨5EU/mg	⟨2.5EU/mg
Mass Balance	95.0~105.0%	Conforms

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