Certificate Of Analysis

NO:026-E81-TSX

Peptide Name	Elamipretide (SS-31)		
Molecular Formula	$C_{32}H_{49}N_9O_5$	**Manufacturing**	2026/08/27
Molecular Weight	639.80 g/mol	**Report Date**	2026/09/03
CAS No.	736992-21-5	**Re-test Date**	2028/08/27
Appearance	white powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	-20℃ ± 5℃, sealed and away from light
Sequence	H-D-Arg-Dmt-Lys-Phe-NH2		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.56%
Acetate Content(HPLC)	<15.0%	11.82%
Water Content (Karl Fischer)	≤10.0%	4.6%
Peptide Content (N%)	≥80.0%	82.5%
Mass Balance	95.0~105.0%	98.92%
Endotoxin	< 10EU/mg	Conforms

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