Certificate Of Analysis

NO:026-P82-TSX

Peptide Name	PEG-MGF		
Molecular Formula	$C_{121}H_{200}N_{42}O_{39}$	**Manufacturing**	2026/08/29
Molecular Weight	2867.2	**Report Date**	2026/09/03
CAS No.	N/A	**Re-test Date**	2028/08/29
Appearance	white powder	**Packing size**	1Kg/bag
Reference Standard	Reference Ch.p	**Storage conditions**	Cool dry place(-20°C, away from the light)
Sequence	PEG1900-Suc-Tyr-Gln-Pro-Pro-Ser-Thr-Asn-Lys-Asn-Thr-Lys-Ser-Gln-D-Arg-D-Arg-Lys-Gly-Ser-Thr-Phe-Glu-Glu-Arg-Lys-NH2		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Single Impurity (HPLC)	≤4.0%	Conforms
Amino Acid Composition	15% of theoretical	Conforms
Acetate Content(HPLC)	5.0%～12.0%	7.8%
Water Content (Karl Fischer)	≤10.0%	4.50%
Peptide Content (N%)	≥80.0%	84.7%
Mass Balance	95.0~105.0%	97.00%

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