

Certificate Of Analysis

NO:024-M82-TSX

Peptide Name	MGF		
Molecular Formula	C ₁₂₁ H ₁₉₉ N ₄₀ O ₄₀	Manufacturing	2026/02/23
Molecular Weight	2868.2	Report Date	2026/02/24
CAS No.	12020-86-9	Re-test Date	2028/02/22
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	Tyr-Gln-Pro-Pro-Ser-Thr-Asn-Lys-Asn-Thr-Lys-Ser-Gln-Arg-Arg-Lys-Gly-Ser-Thr-Phe-Glu- Glu-Arg-Lys-Cys		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	99.81%
Acetate Content(HPLC)	≤12.0%	9.9%
Water Content (Karl Fischer)	≤10.0%	3.88%
Peptide Content (N%)	≥80.0%	86.03%
Mass Balance	95.0~105.0%	Conforms

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

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