

Certificate Of Analysis

NO:023-B81-TSX

Peptide Name	Humanin		
Molecular Formula	C ₁₁₉ H ₂₀₄ N ₃₄ O ₃₂ S ₂	Manufacturing	2025/11/14
Molecular Weight	2685.4	Report Date	2025/11/15
CAS No.	330936-69-1	Re-test Date	2027/11/13
Appearance	white powder	Packing size	1Kg/bag
Reference Standard	Reference Ch.p	Storage conditions	Cool dry place(away from the light)
Sequence	H-Met-Ala-Pro-Arg-Gly-Phe-Ser-Cys-Leu-Leu-Leu-Leu-Thr-Ser-Glu-Ile-Asp-Leu-Pro -Val-Lys-Arg-Arg-Ala-OH		

Tests	Specifications	Results
Appearance	White powder	Conforms
MS (ESI)	Conforms	Conforms
Purity(HPLC)	≥98.0%	98.87%
Acetate Content(HPLC)	<18.0%	8.23%
Water Content (Karl Fischer)	≤10.0%	3.71%
Peptide Content (N%)	≥80.0%	86.93%
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

Analyst: Warden Zhao

QC Director: Melker Zhu

Checker: Bowen Yang