

Certificate Of Analysis

NO:024-H83-TSX

Peptide Name	Humanin		
Molecular Formula	C ₁₁₉ H ₂₀₄ N ₃₄ O ₃₂ S ₂	Manufacturing	2025/02/17
Molecular Weight	2687.23	Report Date	2025/02/19
CAS No.	330936-69-1	Re-test Date	2027/02/17
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Renference Ch.p	Storage conditions	Cool dry place
Sequence	Met-Ala-Pro-Arg-Gly-Phe-Ser-Cys-Leu-Leu-Leu-Leu-Thr-Ser-Glu-Ile-Asp-Leu-Pro-Val-Lys-Arg-Arg-Ala		

Tests	Specifications	Results
Appearance	White powder	Conforms
Purity(HPLC)	≥98.0%	99.14%
Peptide Content (N%)	≥75.0%	86.79%
Water Content (Karl Fischer)	≤10.0%	2.91%
Sample Salt Type(Acetate)	≤ 12.0%	9.43%
Residual solvents	Acetonitrile NMT 410ppm	N.D
	Methanol NMT 3000ppm	N.D
	Methylene chloride NMT 600ppm	N.D
	N,N-Dimethylformamide NMT 880ppm	N.D
	Isopropyl ether NMT 5000ppm	N.D
Bacterial endotoxins	<10EU/mg	Conforms
Assay(HPLC)	95.0~105.0%(on anhydrous and salt-free substance basis)	102.20%

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

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