

Certificate Of Analysis

NO:024-C84-TSX

Peptide Name	Cagrilintide		
Molecular Formula	C ₁₉₄ H ₃₁₂ N ₅₄ O ₅₉ S ₂	Manufacturing	2025/01/11
Molecular Weight	4409.01	Report Date	2025/01/16
CAS No.	1415456-99-3	Re-test Date	2027/01/15
Appearance	white powder	Packing size	1Kg/bag
Renference Standard	Renference Ch.p	Storage conditions	Cool dry place(away from the light)
Sequence	(Eicosanedioic acid-γ-EKCNATATCATQRLAEFLRHSSNNFGPILPPTNVGSNTP-NH2 (Disulfde bridge:Cys3-Cys8)		

Tests	Specifications	Results
Appearance	White powder	Conforms
Purity(HPLC)	≥98.0%	99.23%
Peptide Content (N%)	≥80.0%	87.23%
Water Content (Karl Fischer)	≤10.0%	6.0%
Sodium ion	<12.0%	5.0%
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 endotoxin	< 10EU/mg	Conforms
Mass Balance	95.0~105.0%	100.32%

For research use only. Direct human application is prohibited.

Limit To Research And Submission Use
Not For Direct Human Application

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