

Certificate of Analysis



Product Identification

Catalog number	HB1107
Compound name	Tertiapin-LQ
Amino acid sequence	ALCNCNRIIIPLQCWKKCGKK
Modifications	Disulphide bonds Cys 3-14, and Cys 5-18. Lys 21 terminal amide
Batch number	E1670-1-1
Batch molecular formula	C ₁₀₆ H ₁₇₉ N ₃₃ O ₂₄ S ₄
Batch molecular weight	2428.03

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 98.0%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 100%
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in aqueous buffer	Meets specification

Produced by

Signature

Passed by

Signature

Date

15-09-21

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.