

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB1218	
Compound name	ω -Conotoxin GVIA	
Chemical name	H-Cys(1)-Lys-Ser-Hyp-Gly-Ser-Ser-Cys(2)-Ser-Hyp-Thr-Ser-Tyr-Asn-Cys(3)-Cys(1)-Arg-Ser-Cys(2)-Asn-Hyp-Tyr-Thr-Lys-Arg-Cys(3)-Tyr-NH ₂	
Batch number	E1861-1-1	
Batch molecular formula	C ₁₂₀ H ₁₈₈ N ₃₈ O ₄₃ S ₆	
Batch molecular weight	3037.00	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.0%
Peptide content	Net peptide content 60-100%	Meets specification: 100%
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (1 mg/ml)	Meets specification

Produced by
Richard Patterson

Signature

Passed by
Steve Roome

Signature

Date

19-01-22

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