

Certificate of Analysis



Product Identification

Catalog number	HB2038
Compound name	α -Bungarotoxin
Amino acid sequence	IVCHTTATSPISAVTCTPPGENLCYRKMWCDAFCSSRGKVVELGCAAT CPSKPYEEVTCSTDKCNPHPKQRPQ
Modifications	Disulfide bonds link cystines 3 - 23, 16 - 44, 29 - 33, 48 - 59, and 60 - 65
Batch number	E1589-1-1
Batch molecular formula	$C_{338}H_{529}N_{97}O_{105}S_{11}$
Batch molecular weight	7984.00

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 99.0%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 100%
Mass spectrum	Mass spec analysis consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water	Meets specification

Produced by

Signature

Passed by

Signature

Date

25-05-21

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