

Certificate of Analysis



Product Identification

Catalog number	HB2918	
Compound name	Neuropeptide S (mouse)	
Amino acid sequence	SFRNGVGSAGAKTSFRRAKQ	H-Ser-Phe-Arg-Asn-Gly-Val-Gly-Ser- Gly-Ala-Lys-Lys-Thr-Ser-Phe-Arg- Arg-Ala-Lys-Gln-OH
Modifications	N/A	
Batch number	E1037-1-1	
Batch molecular formula	C ₂₃ H ₁₅₆ N ₃₄ O ₂₇	
Batch molecular weight	2182.40	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 95.1%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 70%
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 (1 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

11-04-19

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