

Certificate of Analysis



Product Identification

Catalog number	HB3088	
Compound name	Somatostatin	H-Ala-Gly-Cys(1)-Lys-Asn-Phe-Phe-
Amino acid sequence	AGCKNFFWKFTTSC	I ^{tp} -Lys-I ^{hr} -Phe-I ^{hr} -Ser-Cys(1)
Modifications	Disulfide bridge between 3 - 14	
Batch number	E1072-1-1	
Batch molecular formula	C ₂₆ H ₄₆ N ₁₄ O ₁₃ S ₂	
Batch molecular weight	1637.88	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 95.59%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 83.5%
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 (0.3 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

09-05-19

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