

Certificate of Analysis



Product Identification

Catalog number	HB2929	
Compound name	Oxytocin	H-Cys(1)-Tyr-Ile-Gln-Asn-Cys(1)-Pro-Leu-Gly-NH ₂
Amino acid sequence	C*YIQNC*PLG	
Modifications	Gly-9 is C-terminal amide, disulphide bridge 1-6	
Batch number	E0981-1-1	
Batch molecular formula	C ₄₃ H ₆₈ N ₁₂ O ₁₂ S ₂	
Batch molecular weight	1007.32	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 98.66%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 84%
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

05-04-19

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