

Certificate of Analysis



Product Identification

Catalog number	HB5324	
Compound name	Orexin B (mouse)	
Amino acid sequence	RFGPPQLQRLQRLQLQANGNHAAGILTM	H-Arg-Pro-Gly-Pro-Pro-Gly-Leu-Gln-Gly-Arg-Leu-Gln-Arg-Leu-Leu-Gln-Ala-Asn-Gly-Asn-His-Ala-Ala-Gly-Ile-Leu-Thr-Met-NH ₂
Modifications	C-terminal amide	
Batch number	E1056-1-1	
Batch molecular formula	C ₁₂₄ H ₂₁₂ N ₄₂ O ₃₄ S	
Batch molecular weight	2936.39	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 95.07%
Peptide content	Peptide content between 60 % and 100 %	Meets specification: 76.1 %
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

26-04-19

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