

Certificate of Analysis



Product Identification

Catalog number	HB2424	
Compound name	Nociceptin	Phe—Gly—Gly—Phe—Thr—Gly—Ala—Arg—Lys—Ser—
Amino acid sequence	FGGFTGARKSARKLANQ	Ala—Arg—Lys—Leu—Ala—Asn—Gln
Modifications	N/A	
Batch number	E0978-1-1	
Batch molecular formula	$C_{79}H_{129}N_{27}O_{22}$	
Batch molecular weight	1809.06	
Salt form	TFA Salt	

Method	QC requirement	QC Result
HPLC Peptide content	Reverse Phase HPLC shows >95% purity Peptide content between 60 % and 100 %	Meets specification: 95.8% Meets specification: 72%
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.