

Certificate of Analysis



Product Identification

Catalog number	HB3442	
Compound name	Endothelin 1 (human, porcine)	
Amino acid sequence	C [*] SC [*] SSLMDKEC [*] VYFC [*] HLDIIW	II-Cys(1)-Ser-Cys(2)-Ser-Ser-Leu-Met-Asp-Lys-Glu-Cys(2)-Val-Tyr-Phe-Cys(1)-His-Leu-Asp-Ile-Ile-Trp-OH
Modifications	Disulfide bridge between 1 - 15, 3 - 11	
Batch number	E1200-1-1	
Batch molecular formula	C ₁₀₉ H ₁₅₉ N ₂₅ O ₃₂ S ₅	
Batch molecular weight	2491.90	
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: 70.8%
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

11-11-19

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