

Analytical Data Sheet

Lot number

1052212

not for drug use

Catalog Number

H-9135.0500

Product number

4014586.0500

Product

Big Endothelin- 1 (porcine)

H- Cys- Ser- Cys- Ser- Ser- Leu- Met- Asp- Lys- Glu- Cys- Val- Tyr- Phe- Cys- His- Leu- Asp- Ile- Ile- Trp- Val- Asn- Thr- Pro- Glu- His- Ile- Val- Pro- Tyr- Gly- Leu- Gly- Ser- Pro- Ser- Arg- Ser- OH
(Disulfide bonds between Cys¹ and Cys¹⁵/Cys³ and Cys¹¹)

Molecular formula

C₁₉₃H₂₈₉N₄₉O₅₈S₅

Relative molecular mass

4384.04

Tests	Results
Appearance	white powder
Amino acid analysis	Asx 3.01 (3) Gly 1.98 (2) Leu 2.97 (3) Arg 1.02 (1) Pro 2.97 (3) Ile 2.96 (3) His 1.98 (2) Met 0.98 (1) Lys 1.08 (1) Glx 1.99 (2) Phe 1.00 (1) Ser 4.26 (6) Val 3.15 (3) Thr 1.02 (1) Cys 3.96 (4) Tyr 1.96 (2)
	* Trp destroyed during hydrolysis
Solubility	soluble in acetic acid
Purity (HPLC)	97.0% (TFA) 98.7% (TEAP) 96.8% (NaClO ₄)
Assay (elemental analysis)	79% (Nth 15.6 %, Nfd 12.28 %)
Latest update: February 11, 2014	Analytical Data Sheet Lot number 1052212