

Analytical Data Sheet

Lot number **1067354**
not for drug use

Catalog number H-9135.1000
Product number 4014586.1000
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: August 18, 2016

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