

Analytical Data Sheet

Lot number **1000024943**
not for drug use

Catalog number H-7774.0500
Product number 4095916.0500
Product **BNP- 32 (human) hydrochloride salt**
H- Ser- Pro- Lys- Met- Val- Gln- Gly- Ser- Gly- Cys-
Phe- Gly- Arg- Lys- Met- Asp- Arg- Ile- Ser- Ser- Ser-
Ser- Gly- Leu- Gly- Cys- Lys- Val- Leu- Arg- Arg- His-
OH hydrochloride salt
(Disulfide bond)
Molecular formula C₁₄₃H₂₄₄N₅₀O₄₂S₄
Relative molecular mass 3464.09

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	3464.12
Amino acid analysis	Asx 1.03 (1) Cys* 0.21 (2) Phe 1.00 (1) Ser* 5.06 (6) Val 2.20 (2) His 1.03 (1) Glx 1.05 (1) Met* 0.14 (2) Lys 3.21 (3) Pro 1.01 (1) Ile 1.04 (1) Arg 3.88 (4) Gly 4.75 (5) Leu 2.01 (2) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	97.9%
Assay (AAA)	79.8%

Latest update: November 22, 2019

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