

Analytical Data Sheet

Lot number **1000019031**
not for drug use

Catalog number **H-7712.1000**
Product number **4095840.1000**
Product **C- Type Natriuretic Peptide (32- 53) (human, porcine, rat) acetate salt**
H- Gly- Leu- Ser- Lys- Gly- Cys- Phe- Gly- Leu- Lys-
Leu- Asp- Arg- Ile- Gly- Ser- Met- Ser- Gly- Leu- Gly-
Cys- OH acetate salt
(Disulfide bond)
Molecular formula $C_{93}H_{157}N_{27}O_{28}S_3$
Relative molecular mass 2197.63

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	2197.88
Amino acid analysis	Asx 1.11 (1) Ile 0.69 (1) Ser 3.19 (3) Leu 3.86 (4) Gly 6.37 (6) Phe 0.93 (1) Cys* 0.21 (2) Lys 2.11 (2) Met* 0.88 (1) Arg 0.95 (1) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	98.6%
Assay (AAA)	85.7%

Latest update: July 25, 2019

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