

Analytical Data Sheet

Lot number **1000020931**
not for drug use

Catalog number H-7766.0500
Product number 4095913.0500
Product **C- Type Natriuretic Peptide (1- 53) (human) acetate salt**
 H- Asp- Leu- Arg- Val- Asp- Thr- Lys- Ser- Arg- Ala- Ala- Trp- Ala- Arg- Leu- Leu- Gln- Glu- His- Pro- Asn- Ala- Arg- Lys- Tyr- Lys- Gly- Ala- Asn- Lys- Lys- 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 $C_{251}H_{417}N_{81}O_{71}S_3$
Relative molecular mass 5801.77

Tests	Results
Appearance	white powder
Identification (ESI-MS)	m = 5801.68u
Amino acid analysis	Ala 5.3 (5) Gly 7.3 (7) Met 1.0 (1) *Trp 0.0 (1) Arg 4.9 (5) His 1.0 (1) Phe 1.0 (1) Tyr 1.0 (1) Asx 5.2 (5) Ile 1.0 (1) Pro 1.0 (1) Val 1.0 (1) Cys 1.7 (2) Leu 7.7 (7) Ser 3.8 (4) Glx 2.0 (2) Lys 7.0 (7) Thr 1.0 (1) * Trp was completely destroyed during hydrolysis
Solubility	1 mg/mL in water
Purity (HPLC)	96.3%
Peptide content	84.3%

Latest update: August 28, 2019

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