

Analytical Data Sheet

Lot number **1000028226**
not for drug use

Catalog number H-7716.1000
Product number 4092396.1000
Product **Atrial Natriuretic Factor (1- 28) (human) acetate salt**
H- Ser- Leu- Arg- Arg- Ser- Ser- Cys- Phe- Gly- Gly-
Arg- Met- Asp- Arg- Ile- Gly- Ala- Gln- Ser- Gly- Leu-
Gly- Cys- Asn- Ser- Phe- Arg- Tyr- OH acetate salt
(Disulfide bond)
Molecular formula C₁₂₇H₂₀₃N₄₅O₃₉S₃
Relative molecular mass 3080.49

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	3080.32
Amino acid analysis	Asx 2.20 (2) Cys* 0.12 (2) Phe 1.86 (2) Ser 4.98 (5) Met* 0.88 (1) Arg 5.02 (5) Glx 1.08 (1) Ile 0.71 (1) Gly 5.14 (5) Leu 1.93 (2) Ala 1.10 (1) Tyr 0.96 (1) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	97.1%
Assay (AAA)	79.0%

Latest update: February 11, 2020

Analytical Data Sheet
Lot number **1000028226**