

Analytical Data Sheet

Lot number **1000002150**
not for drug use

Catalog number H-2100.0500
Product number 4030380.0500
Product **Atrial Natriuretic Factor (1- 28) (mouse, rabbit, rat) trifluoroacetate salt**
H- Ser- Leu- Arg- Arg- Ser- Ser- Cys- Phe- Gly- Gly- Arg- Ile- Asp- Arg- Ile- Gly- Ala- Gln- Ser- Gly- Leu- Gly- Cys- Asn- Ser- Phe- Arg- Tyr- OH trifluoroacetate salt (Disulfide bond)
Molecular formula $C_{128}H_{205}N_{45}O_{39}S_2$
Relative molecular mass 3062.45

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	3062.76
Amino acid analysis	Asx 2.05 (2) Cys* 0.15 (2) Arg 4.76 (5) Ser* 4.41 (5) Ile 1.83 (2) Glx 1.11 (1) Leu 2.07 (2) Gly 5.11 (5) Tyr 0.96 (1) Ala 1.11 (1) Phe 2.00 (2) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	97.9%
Assay (AAA)	77.2%

Latest update: June 19, 2018

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