

Analytical Data Sheet

Lot number **1065612**
not for drug use

Catalog number H-3068.0001
Product number 4030443.0001
Product **Calcitonin (porcine) trifluoroacetate salt**
 H- Cys- Ser- Asn- Leu- Ser- Thr- Cys- Val- Leu- Ser-
 Ala- Tyr- Trp- Arg- Asn- Leu- Asn- Asn- Phe- His- Arg-
 Phe- Ser- Gly- Met- Gly- Phe- Gly- Pro- Glu- Thr- Pro-
 NH₂ trifluoroacetate salt
 (Disulfide bond)
Molecular formula C₁₅₉H₂₃₂N₄₆O₄₅S₃
Relative molecular mass 3604.07

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	3604.48
Amino acid analysis	Asx 4.21 (4) Gly 3.26 (3) Leu 2.73 (3) Arg 2.09 (2) Thr 2.02 (2) Ala 1.05 (1) Tyr 0.94 (1) Ser 4.10 (4) Cys** 0.05 (2) Phe 2.77 (3) Glx 1.13 (1) Val 0.79 (1) His 1.03 (1) Pro* 3.40 (2) Met 0.94 (1) Trp** 0.73 (1) *Proline value high due to the incorporation of cysteine **Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	96.3%
Assay (AAA)	95.8%
Date of manufacture	May 18, 2016

Latest update: May 26, 2016

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