

Analytical Data Sheet

Lot number **1000000541**
not for drug use

Catalog number **H-3074.0001**

Product number **4030323.0001**

Product **Calcitonin (chicken) trifluoroacetate salt**
H- Cys- Ala- Ser- Leu- Ser- Thr- Cys- Val- Leu- Gly-
Lys- Leu- Ser- Gln- Glu- Leu- His- Lys- Leu- Gln- Thr-
Tyr- Pro- Arg- Thr- Asp- Val- Gly- Ala- Gly- Thr- Pro-
NH₂ trifluoroacetate salt
(Disulfide bond)

Molecular formula **C₁₄₅H₂₄₀N₄₂O₄₆S₂**

Relative molecular mass **3371.89**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	3371.98
Amino acid analysis	Asx 1.04 (1) Gly 3.03 (3) Tyr 1.03 (1) Thr 4.35 (4) Ala 2.04 (2) His 0.99 (1) Ser 3.01 (3) Cys* 0.15 (2) Lys 2.00 (2) Glx 3.05 (3) Val 1.86 (2) Arg 1.04 (1) Pro 2.14 (2) Leu 4.92 (5) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	95.8%
Assay (AAA)	82.1%

Latest update: May 16, 2018

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