

## Analytical Data Sheet

Lot number **1074118**  
not for drug use

Catalog number **H-9170.0500**  
Product number **4013891.0500**  
Product **Gastrin I (human) (sulfated)**  
Pyr- Gly- Pro- Trp- Leu- Glu- Glu- Glu- Glu- Ala-  
Tyr(SO<sub>3</sub>H) - Gly- Trp- Met- Asp- Phe- NH<sub>2</sub>  
Molecular formula **C<sub>97</sub>H<sub>124</sub>N<sub>20</sub>O<sub>34</sub>S<sub>2</sub>**  
Relative molecular mass **2178.30**

Tests	Results
Appearance	white powder
Identification (FAB-MS)	[M + H] <sup>+</sup> : m/z = 2098 u
Identification (HPLC)	coelutes with reference
Amino acid analysis	Asx 1.03 (1)    Ala 1.07 (1) Gly 2.10 (2)    Tyr 0.94 (1) Leu 1.02 (1)    Pro 0.84 (1) Trp det.    Met 1.00 (1) Glx 6.30 (6)    Phe 1.02 (1)
Solubility	soluble in water and NH <sub>4</sub> OH
Purity (HPLC)	98.2% (NaClO <sub>4</sub> ) 96.8% (TFA) 97.8% (TEAP)
Assay (AAA)	90%
General comment	the peptide contains NH <sub>4</sub> <sup>+</sup> and H <sub>2</sub> O

Latest update: November 08, 2017

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