

## Analytical Data Sheet

Lot number **1000006145**  
not for drug use

**Catalog number** H-3085.0005  
**Product number** 4030646.0005  
**Product** **Gastrin I (human)**  
Pyr- Gly- Pro- Trp- Leu- Glu- Glu- Glu- Glu- Ala-  
Tyr- 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>31</sub>S  
**Relative molecular mass** 2098.23

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	2097.87
<b>Amino acid analysis</b>	Asx 1.09 (1) Met* 0.50 (1) Glx 5.59 (6) Leu 1.01 (1) Pro 1.13 (1) Tyr 0.97 (1) Gly 2.12 (2) Phe 0.96 (1) Ala 1.14 (1) Trp* 0.92 (2)  *Partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in DMF at 1mg/mL
<b>Purity (HPLC)</b>	98.0%
<b>Assay (AAA)</b>	80.4%
<b>General comment</b>	peptide may contain residual trifluoroacetic acid

Latest update: September 13, 2018

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