

# Analytical Data Sheet

Lot number

## 1022339

not for drug use

<b>Catalog Number</b>	<b>H-3105.0005</b>
<b>Product number</b>	<b>4011601.0005</b>
<b>Product</b>	<b>Minigastrin I (human)</b> H- Leu- Glu- Glu- Glu- Glu- Glu- Ala- Tyr- Gly- Trp- Met- Asp- Phe- NH <sub>2</sub>
<b>Molecular formula</b>	C <sub>74</sub> H <sub>99</sub> N <sub>15</sub> O <sub>26</sub> S
<b>Relative molecular mass</b>	1646.75

Tests	Results	
<b>Appearance</b>	white powder	
<b>Appearance of solution</b>	clear, colorless solution (1 mg/ml in 1 % NH <sub>4</sub> OH)	
<b>Identification (ESI-MS)</b>	m = 1646.4 u (average mass)	
<b>Purity (HPLC)</b>	97.0% TFA 97.1% TEAP 96.9% NaClO <sub>4</sub>	
<b>Assay (elemental analysis)</b>	83.2% (Nth 12.76 %, Nfd cor 11.38 %)	
<b>Water content (KF volumetric)</b>	3.1%	
<b>Ammonium content (IC)</b>	2.6%	
<b>Trifluoroacetic acid content (IC)</b>	7.5%	
Latest update: February 19, 2009		<b>Analytical Data Sheet</b> Lot number <b>1022339</b>