

## Analytical Data Sheet

<b>Lot number</b>	<b>1000040051</b> not for drug use
<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>Product number</b>	<b>4011601.0001</b>
<b>Molecular formula</b>	C <sub>74</sub> H <sub>199</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 = 1646.4u (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: October 09, 2020

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