

# Analytical Data Sheet

Lot number

## 1020254

not for drug use

<b>Catalog Number</b>	<b>H-3115.0005</b>
<b>Product number</b>	<b>4011671.0005</b>
<b>Product</b>	<b>GRP (14- 27) (human, porcine, canine) trifluoroacetate salt</b> H- Met- Tyr- Pro- Arg- Gly- Asn- His- Trp- Ala- Val- Gly- His- Leu- Met- NH <sub>2</sub> trifluoroacetate salt
<b>Molecular formula</b>	C <sub>75</sub> H <sub>110</sub> N <sub>24</sub> O <sub>16</sub> S <sub>2</sub>
<b>Relative molecular mass</b>	1667.98

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (10 mg/ml in water)
<b>Identification (ESI-MS)</b>	[M + H] <sup>+</sup> : m/z = 1667.9 u
<b>Amino acid analysis</b>	Asx 1.02 (1) Arg 0.99 (1) Trp 1.09 (1) Gly 1.87 (2) Pro 0.98 (1) Val 1.04 (1) Ala 1.03 (1) Leu 1.00 (1) Met 1.77 (2) His 1.74 (2) Tyr 0.99 (1)
<b>Purity (HPLC)</b>	97.9% (TFA) 96.9% (TEAP) 97.8% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	74.4% (Nth 20.15 %, Nfd 14.99 %)
<b>Water content (KF volumetric)</b>	3.2%
<b>General comment</b>	Product supplied as a trifluoroacetate salt
Latest update: November 10, 2008	<b>Analytical Data Sheet</b> Lot number <b>1020254</b>