

## Analytical Data Sheet

<b>Lot number</b>	<b>1000037218</b> not for drug use
<b>Product</b>	<b>Adrenomedullin (22-52) (human) trifluoroacetate salt</b> H-Thr-Val-Gln-Lys-Leu-Ala-His-Gln-Ile-Tyr-Gln-Phe-Thr-Asp-Lys-Asp-Lys-Asp-Asn-Val-Ala-Pro-Arg-Ser-Lys-Ile-Ser-Pro-Gln-Gly-Tyr-NH <sub>2</sub> trifluoroacetate salt
<b>Product number</b>	<b>4028071.1000</b>
<b>Molecular formula</b>	C <sub>159</sub> H <sub>252</sub> N <sub>46</sub> O <sub>48</sub>
<b>Relative molecular mass</b>	3576.03

<b>Tests</b>	<b>Results</b>
<b>Appearance</b>	white lyophilisate
<b>Appearance of solution</b>	clear, colorless solution (1 mg/mL in water)
<b>Identification (ESI-MS)</b>	m = 3576.0u (average mass)
<b>Amino acid analysis</b>	Asx 4.3 (4)    Pro 2.1 (2) Ser* 1.5 (2)    Tyr 1.9 (2) Glx 4.5 (4)    Val 2.1 (2) Gly 1.1 (1)    Lys 4.2 (4) His 1.1 (1)    Ile 2.1 (2) Arg 1.2 (1)    Leu 1.1 (1) Thr* 1.8 (2)    Phe 1.0 (1) Ala 2.2 (2)
	* Ser and Thr partially destroyed during hydrolysis
<b>Purity (HPLC)</b>	98.3% (TFA) 97.9% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	77.2% (Nth 18.02%, Nfd 13.91%)