

## Analytical Data Sheet

<b>Lot number</b>	<b>1000040932</b> not for drug use
<b>Product</b>	<b>BNP-32 (human) hydrochloride salt</b> H-Ser-Pro-Lys-Met-Val-Gln-Gly-Ser-Gly-Cys-Phe-Gly-Arg-Lys- Met-Asp-Arg-Ile-Ser-Ser-Ser-Ser-Gly-Leu-Gly-Cys-Lys-Val-Leu- Arg-Arg-His-OH hydrochloride salt (Disulfide bond)
<b>Product number</b>	<b>4095916.1000</b>
<b>Molecular formula</b>	C <sub>143</sub> H <sub>244</sub> N <sub>50</sub> O <sub>42</sub> S <sub>4</sub>
<b>Relative molecular mass</b>	3464.09

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	3463.67
<b>Amino acid analysis</b>	Asx 1.09 (1)    Met** 1.58 (2) Ser 6.00 (6)    Ile 0.91 (1) Glx 1.00 (1)    Leu 1.79 (2) Pro* 1.60 (1)    Phe 0.96 (1) Gly 5.31 (5)    His 1.05 (1) Cys** 0.13 (2)    Lys 3.15 (3) Val 1.69 (2)    Arg 4.05 (4)
	* Proline value high due to the incorporation of cysteine ** Partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in water at 1 mg/mL
<b>Purity (HPLC)</b>	99.0%
<b>Assay (AAA)</b>	85.8%

Latest update: November 12, 2020

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