

# Analytical Data Sheet

Lot number

## 1026888

not for drug use

<b>Catalog Number</b>	<b>H-3402.0005</b>
<b>Product number</b>	<b>4026667.0005</b>
<b>Product</b>	<b>Prepro- Atrial Natriuretic Factor (104- 123) (human)</b> H- Ser- Ser- Asp- Arg- Ser- Ala- Leu- Leu- Lys- Ser- Lys- Leu- Arg- Ala- Leu- Leu- Thr- Ala- Pro- Arg- OH
<b>Molecular formula</b>	$C_{94}H_{171}N_{31}O_{28}$
<b>Relative molecular mass</b>	2183.58

Tests	Results
<b>Appearance</b>	white product
<b>Identification (ESI-MS)</b>	m = 2183.8u
<b>Amino acid analysis</b>	Asx 1.14 (1)    Leu 4.96 (5) Thr 0.87 (1)    Lys 2.00 (2) Ser 2.60 (4)    Arg 2.89 (3) Pro 0.93 (1) Ala 3.29 (3)
<b>Solubility</b>	soluble in acetic acid 10 %
<b>Purity (HPLC)</b>	96.7% (TFA) 99.9% (TEAP) 97.0% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	74% (Nth 19.88 %, Nfd 14.66 %)
Latest update: October 06, 2009	<b>Analytical Data Sheet</b> Lot number <b>1026888</b>