

# Analytical Data Sheet

Lot number

## 1043427

not for drug use

<b>Catalog Number</b>	H-7420.0005
<b>Product number</b>	4014556.0005
<b>Product</b>	<b>Hirudin (54- 65) (desulfated) trifluoroacetate salt</b> H- Gly- Asp- Phe- Glu- Glu- Ile- Pro- Glu- Glu- Tyr- Leu- Gln- OH trifluoroacetate salt
<b>Molecular formula</b>	C <sub>66</sub> H <sub>93</sub> N <sub>13</sub> O <sub>25</sub>
<b>Relative molecular mass</b>	1468.54

Tests	Results
<b>Appearance</b>	white powder with lumps
<b>Appearance of solution</b>	clear , colorless solution (10 mg/ml in water)
<b>Identification (ESI-MS)</b>	m = 1468.5u
<b>Amino acid analysis</b>	Asx 0.96 (1) Gly 0.91 (1) Pro 1.00 (1) Leu 1.00 (1) Ile 0.99 (1) Phe 1.10 (1) Tyr 1.02 (1) Glx 5.22 (5)
<b>Purity (HPLC)</b>	94.5% (TFA) 96.0% (TEAP) 98.4% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	87.7% (Nth 12.40 %, Nfd 10.87 %)
<b>Water content (KF volumetric)</b>	5.3%
<b>General comment</b>	product supplied as a trifluoroacetate salt
Latest update: July 03, 2012	<b>Analytical Data Sheet</b> Lot number <b>1043427</b>