

# Analytical Data Sheet

Lot number

## 1020439

not for drug use

<b>Catalog Number</b>	<b>H-7445.0005</b>
<b>Product number</b>	<b>4014557.0005</b>
<b>Product</b>	<b>Hirudin (55- 65) (sulfated)</b> H- Asp- Phe- Glu- Glu- Ile- Pro- Glu- Glu- Tyr(SO <sub>3</sub> H) - Leu- Gln- OH
<b>Molecular formula</b>	C <sub>64</sub> H <sub>90</sub> N <sub>12</sub> O <sub>27</sub> S
<b>Relative molecular mass</b>	1491.55

Tests	Results	
<b>Appearance</b>	white powder	
<b>Appearance of solution</b>	clear, colorless solution (1 mg/ml in water)	
<b>Identification (ESI-MS)</b>	m = 1490.3u	
<b>Amino acid analysis</b>	Asx 0.9 (1) Ile 0.9 (1) Pro 1.1 (1) Tyr 1.0 (1) Leu 1.0 (1) Phe 0.9 (1) Glx 4.7 (5)	
<b>Purity (HPLC)</b>	99.1 % (TFA) 99.5 % (TEAP) 99.5 % (NaClO <sub>4</sub> )	
<b>Assay (elemental analysis)</b>	92.4 % (Cth 51.54 %, Cfd 47.60 %)	
Latest update: November 13, 2008		<b>Analytical Data Sheet</b> Lot number <b>1020439</b>