

# Analytical Data Sheet

Lot number

**1040428**

not for drug use

<b>Catalog Number</b>	<b>K-1360.0250</b>
<b>Product number</b>	<b>4001645.0250</b>
<b>Product</b>	<b>H- His- Phe- βNA · 2 HCl</b>
<b>Molecular formula</b>	<b>C<sub>25</sub>H<sub>25</sub>N<sub>5</sub>O<sub>2</sub> · 2 HCl</b>
<b>Relative molecular mass</b>	<b>500.43</b>

Tests	Results
<b>Melting point</b>	226 °C
<b>TLC conditions</b>	chloroform/methanol/acetic acid 32% 15/4/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/20/6/11 chloroform/methanol/acetic acid 77.5/15/7.5 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Water content (KF volumetric)</b>	3.50%
<b>Peptide content</b>	82.5%
Latest update: January 11, 2012	<p style="text-align: right;"><b>Analytical Data Sheet</b> Lot number <b>1040428</b></p>