

# Analytical Data Sheet

Lot number

**1018680**

not for drug use

<b>Catalog Number</b>	<b>H-1755.0100</b>
<b>Product number</b>	<b>4007359.0100</b>
<b>Product</b>	<b>Angiotensin III</b> H- Arg- Val- Tyr- Ile- His- Pro- Phe- OH
<b>Molecular formula</b>	$C_{46}H_{66}N_{12}O_9$
<b>Relative molecular mass</b>	931.11

Tests	Results
<b>Appearance</b>	white powder
<b>Amino acid analysis</b>	Pro 1.06 (1)    Arg 1.05(1) Tyr 1.04 (1)    Phe 1.09(1) Val 1.00 (1) Ile 0.88 (1) His 0.92 (1)
<b>Solubility</b>	soluble in water
<b>Purity (HPLC)</b>	97.0% (NaClO <sub>4</sub> ) 97.3% (TFA) 97.1% (TEAP)
<b>Purity (TLC)</b>	> 98%
<b>TLC conditions</b>	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, IRH, Sakaguchi
<b>Assay (elemental analysis)</b>	69% (Nth 18.05 %, Nfd 12.45 %)
Latest update: October 24, 2008	<b>Analytical Data Sheet</b> Lot number <b>1018680</b>