

# Analytical Data Sheet

Lot number

## 0513182

not for drug use

<b>Catalog Number</b>	H-2686.0005
<b>Product number</b>	4031166.0005
<b>Product</b>	H- Tyr- Ile- Tyr- Gly- Ser- Phe- Lys- OH
<b>Molecular formula</b>	C <sub>44</sub> H <sub>60</sub> N <sub>8</sub> O <sub>11</sub>
<b>Relative molecular mass</b>	877.01

Tests	Results
<b>Identification (MALDI-MS)</b>	as expected
<b>Amino acid analysis</b>	Ser 0.71 (1) Lys 1.08(1) Ile 1.15 (1) Phe 1.03 (1) Gly 1.06 (1) Tyr 1.91 (2)
<b>Solubility</b>	at least 1 mg/ml in 0.1 % trifluoroacetic acid in H <sub>2</sub> O with agitation
<b>Purity (HPLC)</b>	99.6% (TFA) 99.5% (TEAP) 99.3% (NaClO <sub>4</sub> )
<b>Peptide content</b>	90%
<b>Storage and Reconstitution</b>	store desiccated at 0 °C prior to use. Do not freeze/thaw repeatedly. It is best to store reconstituted peptides in small aliquots at -20 °C. Material is not sterile.
Latest update: October 25, 2008	