

## Analytical Data Sheet

Lot number **1055028**  
not for drug use

Catalog number **H-2686.0001**  
Product number **4031166.0001**  
Product **H- Tyr- Ile- Tyr- Gly- Ser- Phe- Lys- OH**  
Molecular formula **C<sub>44</sub>H<sub>60</sub>N<sub>8</sub>O<sub>11</sub>**  
Relative molecular mass **877.01**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (1 mg/mL in 0.1% trifluoroacetic acid in water)
Amino acid analysis	Ser 0.7 (1) Lys 1.1 (1) Ile 1.2 (1) Phe 1.0 (1) Gly 1.1 (1) Tyr 1.9 (2)
Solubility	at least 1 mg/mL in 0.1% TFA in water with agitation
Purity (HPLC)	98.3% (TFA)
Assay (elemental analysis)	70.4% (Nth 12.78%, Nfd 9.00%)
Peptide content	90%
General comment	Mass analysis: as expected