

## Analytical Data Sheet

Lot number **1070393**  
not for drug use

Catalog number **G-3480.0001**  
Product number **4017837.0001**  
Product **H- Tyr- Tyr- OH**  
Molecular formula  $C_{18}H_{20}N_2O_5$   
Relative molecular mass 344.37

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (25 mg/ml in 80% acetic acid)
Identification (TLC)	conforms with authentic material
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (titration)	79.6% (HClO <sub>4</sub> )
Water content (KF volumetric)	0.4%

Latest update: February 24, 2017

**Analytical Data Sheet**  
Lot number **1070393**