

## Analytical Data Sheet

Lot number **1068395**  
not for drug use

Catalog number **G-2440.0001**  
Product number **4002273.0001**  
Product **H- Ile- Tyr- OH**  
Molecular formula  $C_{15}H_{22}N_2O_4$   
Relative molecular mass 294.35

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in acetic acid 80 %)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	94.5% (Nth 9.52 %, Nfd 9.00 %)
Water content (KF volumetric)	4.8%

Latest update: October 21, 2016

**Analytical Data Sheet**  
Lot number **1068395**