

## Analytical Data Sheet

Lot number **1058297**  
not for drug use

Catalog number **F-3645.0001**  
Product number **4027839.0001**  
Product **H- 4- Phenyl- Phe- OH**  
Molecular formula  $C_{15}H_{15}NO_2$   
Relative molecular mass 241.29

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/mL in 80 % acetic acid)
Identification (elemental analysis)	Theory Found C = 74.7% C = 74.4% H = 6.3% H = 6.2% N = 5.8% N = 5.8%
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
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, TMB
Assay (titration)	99.6% (HClO <sub>4</sub> )
Water content (KF volumetric)	0.2%