

## Analytical Data Sheet

Lot number **1069146**  
not for drug use

Catalog number **H-3605.1000**  
Product number **4004752.1000**  
Product **H- Gly- Phe- Phe- OH**  
Molecular formula  $C_{20}H_{23}N_3O_4$   
Relative molecular mass 369.42

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in acetic acid 40 %)
Identification (elemental analysis)	Theory Found C = 63.48 % C = 63.23 % H = 6.39 % H = 6.24 % N = 11.10 % N = 11.05 %  calc. as 0.5 H <sub>2</sub> O (2.38 %)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine, TMB
Water content (KF volumetric)	2.1%

Latest update: December 20, 2016

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