

## Analytical Data Sheet

Lot number **1061550**  
not for drug use

Catalog number **G-2220.0025**  
Product number **4000291.0025**  
Product **H- Gly- Trp- OH**  
Molecular formula  $C_{13}H_{15}N_3O_3$   
Relative molecular mass 261.28

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	88.9% (Nth 16.08 %, Nfd 14.29 %)
Water content (KF coulometric)	10.3%

Latest update: September 25, 2015

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