

## Analytical Data Sheet

Lot number **1063339**  
not for drug use

Catalog number **F-3955.0001**  
Product number **4029485.0001**  
Product **Phenylac- Gln- OH**  
Molecular formula  $C_{13}H_{16}N_2O_4$   
Relative molecular mass 264.28

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50mg/ml in methanol)
Identification (TLC)	complies with authentic material
Melting point	107 °C
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid/H <sub>2</sub> O 70/42/0.5/10 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Enantiomer content (GC)	0.1% D-enantiomer
Assay (elemental analysis)	97.5% (Nth 10.60%, Nfd 10.34%)
Water content (KF volumetric)	0.3%

Latest update: January 11, 2016

**Analytical Data Sheet**  
Lot number **1063339**