

## Analytical Data Sheet

Lot number **1062042**  
not for drug use

Catalog number **G-1180.0001**  
Product number **4000461.0001**  
Product **H- Ala- Asn- OH**  
Molecular formula  $C_7H_{13}N_3O_4$   
Relative molecular mass 203.20

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in 80% acetic acid)
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 (elemental analysis)	97.8% (Nth 20.68%, Nfd 20.22%)
Water content (KF volumetric)	1.3%

Latest update: October 12, 2015

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