

## Analytical Data Sheet

Lot number **1000020707**  
not for drug use

Catalog number **G-1560.0250**  
Product number **4001437.0250**  
Product **H- Asp(Ala- OH) - OH**  
Molecular formula  $C_7H_{12}N_2O_5$   
Relative molecular mass 204.18

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (20 mg/mL in water)
Identification (elemental analysis)	Theory Found C = 40.8% C = 40.4% H = 6.0% H = 5.7% N = 13.6% N = 13.6%  calc. x 0.11 H <sub>2</sub> O (1.0%)
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 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	99.2% (Nth 13.72%, Nfd 13.61%)
Water content (KF volumetric)	1.0%

Latest update: August 22, 2019

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