

## Analytical Data Sheet

Lot number **1069180**  
not for drug use

Catalog number **G-2065.0025**  
Product number **4007025.0025**  
Product **H- Gly- Asp- OH**  
Molecular formula  $C_6H_{10}N_2O_5$   
Relative molecular mass 190.16

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (TLC)	complies with authentic material
Melting point	198 °C
Specific optical rotation	$[\alpha]_D^{24} = + 12.9^\circ$ (5% in water)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	99.1% (Nth 14.73%, Nfd 14.60%)
Water content (KF volumetric)	0.4%

Latest update: December 20, 2016

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