

## Analytical Data Sheet

Lot number **1069313**  
not for drug use

Catalog number **G-1575.0250**  
Product number **4008675.0250**  
Product **H- Asp- Glu- OH**  
Molecular formula  $C_9H_{14}N_2O_7$   
Relative molecular mass 262.22

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in 80% acetic acid)
Identification (TLC)	Rf value in agreement with authentic material reference-lot.: 506951
Specific optical rotation	$[\alpha]_D^{24} = + 6.7^\circ$ (3.4% in water)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/3 isopropanol/ammonia conc. 1/1 2-butanol/pyridine/H <sub>2</sub> O 7/7/6 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	93.5% (Nth 10.68%, Nfd 9.99%)
Water content (KF volumetric)	0.7%

Latest update: February 15, 2017

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