

## Analytical Data Sheet

Lot number **1061928**  
not for drug use

Catalog number **G-1015.0100**  
Product number **4006232.0100**  
Product **Ac- Asp- Glu- OH**  
Molecular formula  $C_{11}H_{16}N_2O_8$   
Relative molecular mass 304.26

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	96.5% (Nth 9.21%, Nfd 8.89%)
Assay (titration)	97.4% (TBAH)
Water content (KF volumetric)	1.8%
General comment	hygroscopic product

Latest update: September 28, 2015

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