

Analytical Data Sheet

Lot number **1072504**
not for drug use

Catalog number **H-3195.0250**
Product number **4000709.0250**
Product **H- Glu(Met- OH) - OH**
Molecular formula **C₁₀H₁₈N₂O₅S**
Relative molecular mass **278.33**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in 80% acetic acid)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} -10.7^\circ$ (1% water)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	98.9% (Nth 10.06% Nfd 9.95%)
Water content (KF volumetric)	0.1%

Latest update: July 08, 2017

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