

Analytical Data Sheet

Lot number **1058169**
not for drug use

Catalog number **G-2735.0001**
Product number **4002459.0001**
Product **H- Met- Glu- OH**
Molecular formula **C₁₀H₁₈N₂O₅S**
Relative molecular mass **278.33**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = +18.0^\circ$ (1 % in HCl 1N)
Purity (TLC)	98%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: ninhydrin, chlorine-tolidine