

Analytical Data Sheet

Lot number **1000009278**
not for drug use

Catalog number **G-3630.0001**
Product number **4000112.0001**
Product **H- Gly- Lys- OH · HCl**
Molecular formula **C₈H₁₇N₃O₃ · HCl**
Relative molecular mass **239.70**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %)
Identification (TLC)	conforms with the reference
Specific optical rotation	$[\alpha]_D^{24} = -9.8^\circ$ (2 % in 0.5 N HCl)
Purity (TLC)	> 99%
TLC conditions	methanol/chloroform/ammonia 17% 2/2/1 isopropanol/ammonia conc. 1/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	96.2% (Nth 17.53 %, Nfd 16.87 %)
Water content (KF volumetric)	2.1%

Latest update: November 29, 2018

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