

Analytical Data Sheet

Lot number **1076175**
not for drug use

Catalog number **G-1955.0250**
Product number **4002376.0250**
Product **H- Glu- Lys- OH**
Molecular formula $C_{11}H_{21}N_3O_5$
Relative molecular mass 275.31

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %)
Identification (elemental analysis)	Theory Found C = 47.37 % C = 47.27 % H = 7.73 % H = 7.65 % N = 15.07 % N = 15.00 % calc. as x 0.2 H ₂ O (1.3 %)
Identification (TLC)	conforms with authentic material
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)	98.3% (Nth 15.26 %, Nfd 15.00 %)
Water content (KF volumetric)	1.3%

Latest update: March 26, 2018

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