

Analytical Data Sheet

Lot number **1000017721**
not for drug use

Catalog number **G-1930.0250**
Product number **4001245.0250**
Product **H- Glu(Gln- OH) - OH**
Molecular formula **C₁₀H₁₇N₃O₆**
Relative molecular mass **275.26**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/mL in 80% acetic acid)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	methanol/chloroform/ammonia 17% 2/2/1 n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	98.4% (Nth 15.27%, Nfd 15.02%)
Assay (titration)	99.6%
Water content (KF volumetric)	0.8%

Latest update: June 28, 2019

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