

Analytical Data Sheet

Lot number **1062196**
not for drug use

Catalog number **F-2255.0001**
Product number **4011188.0001**
Product **H- D- Glu- NH₂**
Molecular formula **C₅H₁₀N₂O₃**
Relative molecular mass **146.15**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %)
Identification (TLC)	Complies with authentic material
Melting point	176 °C
Specific optical rotation	$[\alpha]_D^{24} = -20.1^\circ$ (1 % in H ₂ O)
Purity (TLC)	> 98%
TLC conditions	n-Butanol/acetic acid/H ₂ O 4/2/2 Chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 Methanol/chloroform/ammonia 17% 2/2/1 Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.7% (Nth 19.17 %, Nfd 19.12 %)

Latest update: October 28, 2015

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