

Analytical Data Sheet

Lot number **1000019397**
not for drug use

Catalog number **E-3540.0005**
Product number **4028874.0005**
Product **H- Glu(OMe) - NH₂ · HCl**
Molecular formula **C₆H₁₂N₂O₃ · HCl**
Relative molecular mass **196.63**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in 80 % methanol)
Identification (elemental analysis)	Theory Found C = 36.7 % C = 36.7 % H = 6.7 % H = 6.9 % N = 14.3 % N = 14.3 %
Identification (TLC)	complies with authentic material
Melting point	199 °C
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/60/12/36 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	81.5% (Nth 17.49 %, Nfd 14.25 %)
Water content (KF volumetric)	0.3%
Chloride content (titration)	18.0%

Latest update: July 26, 2019

Analytical Data Sheet
Lot number **1000019397**