

Analytical Data Sheet

Lot number **1053349**
not for drug use

Catalog number **E-2735.1000**
Product number **4030677.1000**
Product **H- Gly- OEt · HCl**
Molecular formula **C₄H₉NO₂ · HCl**
Relative molecular mass **139.58**

Tests	Results
Appearance	slightly yellow product (fine to coarse)
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (elemental analysis)	Theory Found C = 34.4% C = 34.4% H = 7.2% H = 7.1% N = 10.0% N = 10.0%
Identification (TLC)	conforms with authentic material
Melting point	148 °C
Purity (TLC)	> 99%
Related impurities (TLC)	< < 1% H-Gly-OH
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Other amino acids (GC)	< 0.2%
Assay (elemental analysis)	99.8% (Nth 10.03%, Nfd 10.01%)
Chloride content (titration)	99.9% (Cl th = 25.40% ; Cl fd =25.38%)