

Analytical Data Sheet

Lot number

1027116

not for drug use

Catalog Number	E-2735.0250
Product number	4030677.0250
Product	H- Gly- OEt · HCl
Molecular formula	C ₄ H ₉ NO ₂ · HCl
Relative molecular mass	139.58

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 34.4 %</td> <td>C = 34.3 %</td> </tr> <tr> <td>H = 7.2 %</td> <td>H = 6.9 %</td> </tr> <tr> <td>N = 10.0 %</td> <td>N = 10.0 %</td> </tr> </table>	Theory	Found	C = 34.4 %	C = 34.3 %	H = 7.2 %	H = 6.9 %	N = 10.0 %	N = 10.0 %
Theory	Found								
C = 34.4 %	C = 34.3 %								
H = 7.2 %	H = 6.9 %								
N = 10.0 %	N = 10.0 %								
Identification (TLC)	conforms with authentic material								
Melting point	146.7 °C								
Purity (TLC)	> 99%								
Related impurities (TLC)	< 1.0% 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								
Assay (elemental analysis)	99.5% (Nth 10.03 %, Nfd 9.98 %)								
Chloride content (titration)	25.5% (AgNO ₃)								
Latest update: October 20, 2009									