

Analytical Data Sheet

Lot number

1073143

not for drug use

Catalog number	E-2000.0250
Product number	4030678.0250
Product	H- Gly- OMe · HCl
Molecular formula	C ₃ H ₇ NO ₂ · HCl
Relative molecular mass	125.56

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (elemental analysis)	Theory Found C = 28.7% C = 28.9% H = 6.4% H = 6.4% N = 11.2% N = 11.1%
Identification (TLC)	complies with authentic material
Melting point	178 °C
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Other amino acids (GC)	< 0.3%
Assay (elemental analysis)	99.9% (Nth 11.16%, Nfd 11.15%)

Latest update: August 29, 2017

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