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Product Specifications

Catalogue Number	09645
Product	<i>N</i>-β-Aminoethyl-Glycine ethyl ester dihydrochloride <i>N</i> -β-Aminoethyl-Gly-OEt•2HCl
CAS Number	24123-04-4
Molecular Formula	C ₆ H ₁₄ N ₂ O ₂ •2HCl
Molecular Weight	219.11
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Appearance	White powder
Solubility	Clear, colorless solution (50 mg/ml in ethanol 80%)
Elemental Analysis (Theory)	C = 32.9%, H = 7.4%, N = 12.8%; Calculated as x 2 HCl (33.28%)
Elemental Analysis (Found)	C = 32.8 ± 0.5%; H = 7.6 ± 0.5%; N = 12.7 ± 0.5%
TLC System	n-Butanol/Acetic acid/H ₂ O (4:2:2) MeOH/Chloroform/Ammonia 17% (2:2:1) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Titration	≥ 32% (Chloride content)
Assay	≥ 66% (Elemental analysis based on Nitrogen content)
Purity by TLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only