

Specification Sheet

Product Name: **Glycine**
Specifications & Purity: pharmacopedia grade, Ph. Eur., BP, USP, 99-101%
SKU #: **A110751**

Parameter	Limit Values
pH	5.9-6.4
Ignition Residue (as sulfate)	0-0.1 (%)
other ninhydrin-positive substances	0-0.5 (%)
Sulfate(SO ₄ ²⁻)	0-50 (ppm)
Loss on drying	0-0.2 (%)
Heavy metal (as Pb)	0-0.001 (%)
Chloride (Cl ⁻)	0-50 (ppm)
Appearance (A110751)	White to Off-White Powder or Crystals
hydrolyzable substances	complies
Infrared spectrum	Conforms to Structure
pKa	6.8
Proton NMR spectrum	Conforms to Structure
reaction against H ₂ SO ₄	complies
Residual solvents	complies
Solubility in H ₂ O, Colorless transparent, c = 100mg/ml; Water	pass
volatile organic substances	pass
Assay	99-101(%)