

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

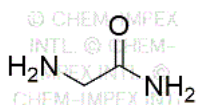
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	49467
Product	Glycine for electrophoresis
CAS Number	56-40-6
Molecular Formula	C ₂ H ₅ NO ₂
Molecular Weight	75.07

Appearance	White crystalline powder
Solubility	Clear colorless solution at 10% aq. Solution
Heavy Metals	≤ 0.0005% (as Pb)
Anion	Chloride (Cl ⁻): ≤ 0.005% Sulphate (SO ₄ ²⁻): ≤ 0.005%
Cation	Iron (Fe): ≤ 0.005% Copper (Cu): ≤ 0.0005% Ammonium (NH ₄ ⁺): ≤ 0.0005%
pH	5.9 - 6.3 (10% aq. solution)
Loss on Drying	≤ 0.2%
DNase, RNase, Protease	Not detected
Absorbance (1M aq. Solution)	at 260 nm : ≤ 0.1 at 280 nm : ≤ 0.1
Sulfated Ash	≤ 0.05%
Assay by titration	Neutralization titration: ≥ 99.5%
Grade	Molecular biology grade
Storage	Store at RT
Additional Information	Homogeneity by TLC : To pass test

For Laboratory Use Only