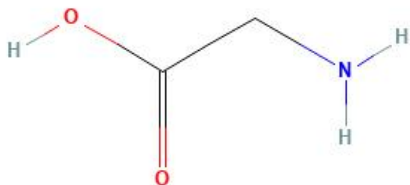




Technical Data Sheet

Tianjin Jincheng Biotechnology Co., Ltd.

Product Name: Glycine
Chemical Structure:



Molecular Formula: C₂H₅NO₂
Molecular Weight: 75.07
CAS No.: 56-40-6

Specifications

Item	Limit	Analysis method
Appearance	White crystals or crystalline powder	Visual
Identification	Consistent with the reference spectrum	USP <197M>
Assay (on dried basis)	98.5% - 101.5%	Titration (perchloric acid)
Loss on drying	Not more than 0.2%	USP <731>
Residue on ignition	Not more than 0.1%	USP <281>
Chloride (as Cl)	Not more than 0.007%	USP <221>
Sulfate (as SO ₄)	Not more than 0.0065%	USP <221>
Heavy metals (as Pb)	Not more than 0.002% (20 ppm)	USP <231>
Hydrolyzable substances	Meets the requirement	USP monograph

Recommended shelf life: 2 years
External packing: Fibre drum, 25 kg net
Inner packing: Double-layer PE bag
Storage: Preserve in tight containers, protected from light, in a cool and dry place.

Note: Analytical methods refer to current USP general chapters and the manufacturer's standard (USP 36); this document is for reference only and the quality of each batch is subject to the COA supplied with the goods.
Preparation Date: Sep. 21, 2026 | Version: 1.0 | Prepared by:
Product code: JC-GLY-001 | Product name: Glycine