



Specification

Glycine USP

Catalog Number: GC1004
CAS Number: 56-40-6
Synonym(s): Aminoacetic acid, Aminoethanoic acid, Glycocoll
Molecular Formula: $C_2H_5NO_2$
Molecular Weight: 75.07
Storage: 15°C – 30°C
Retest Period: Three years from date of manufacture.

Test	Specification
Appearance	White crystalline powder
Assay	98.5 – 101.5%
Identification (IR)	To meet requirements
Moisture (LOD)	≤ 0.2%
Solubility (10% @ 20°C)	Clear, colorless solution
pH (10%)	5.5 – 6.6
Residue on Ignition	≤ 0.1%
Chloride	≤ 0.007%
Sulfate (SO ₄)	≤ 0.0065%
Heavy Metals (as Pb)	≤ 0.002%
Residual Solvents	To meet requirements
Hydrolyzable Substances	Conforms to standard
This product meets specifications for USP 37.	

Approved:

Date: June 18, 2015

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