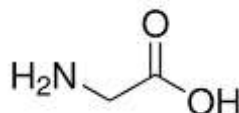


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

AMINO ACETIC ACID 99%

Glycine, Aminoethanoic acid



Product Code	O-5015	Grade	Analytical Reagent
Purity	99 %	CAS No	56-40-6
Molecular Formula	C ₂ H ₅ NO ₂	Molecular Weight	75.07 g/mol
H.S.Code	2922.4910	Shelf Life	60 Months

Physical Properties

Physical state	Crystalline powder	Melting point	240°C
Colour	White	pH	5,9 - 6,4 at 50 g/l at 20 °C
Density	1,161 g/cm ³ at 20 °C	Solubility in water	250 g/l at 25 °C
Partition coefficient: noctanol/water	log Pow: -3,21		

Packaging

100 gram & 500 gram

Specification

Appearance	A white crystalline powder or crystals or granules
Assay (Titration by HClO ₄)	99.0 - 101.0 %
Identification	passes test
Solubility	passes tes
Appearance of solution	passes test
pH (5% Solution)	5.9 - 6.3
Insoluble matter in water	max 0.005 %
Loss on drying (105 °C)	max 0.2 %
Residu after ignition	max 0.05 %
Substances darkened (by H ₂ SO ₄)	passes test
Hydrolyzable substances test	passes test
Chloride (Cl)	max 0.003 %
Sulphate (SO ₄)	max 0.005 %

Ammonium (NH ₄)	max 0.005 %
Heavy metals (as Pb)	max 0.001 %
Iron (Fe)	max 0.001 %
Arsenic (As)	max 0.0001 %
Copper (Cu)	max 0.0005 %
Nickel (Ni)	max 0.0005 %
Lead (Pb)	max 0.0005 %

Safety Information and Hazard Symbols

NO GHS

Symbol: not available

Signal Word: not available

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: not available

Precaution Statement: not available