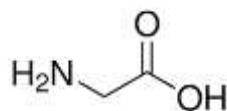


Product Information

AMINO ACETIC ACID AR (FOR MOLECULAR BIOLOGY)

Glycine, Aminoethanoic acid, Glycocoll



Product Code	O-5015	Grade	For Molecular Biology
Purity	99 %	CAS No	56-40-6
Molecular Formula	NH ₂ CH ₂ COOH	Molecular Weight	75.07 g/mol
H.S.Code	2922.4910	Shelf Life	60 Months

Physical Properties

Physical state	Solid	Melting point	> 233 °C
Colour	White	Vapour pressure	< 0,001 hPa
Autoignition Temperature	> 140 °C	Density	1,161 g/cm ³ at 20 °C
Solubility in water	250 g/l at 25 °C	Partition coefficient: n-octanol/water	log Pow: -3,21
Decomposition Temperature	> 233 °C		

Packaging

100 gram & 500 gram

Specification

Appearance	a white crystalline powder or crystals or granules
Assay (Titration by HClO ₄)	99.0 - 101.0 %
Water (H ₂ O)	max 2.5 %
Identification	passes test
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 applicable

Signal Word: not applicable

UN No.: not applicable

IMCO Class No.: not applicable

Packing Group: not applicable

Hazardous Statement: not applicable

Precaution Statement: not applicable