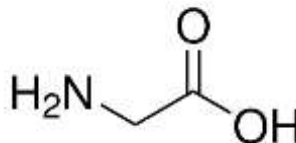


GLYCINE AR FOR BIOCHEMISTRY BACTERIOLOGY TISSUE CULTURE BUFFERING SUBSTANCE MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, PH. EUR.

PRODUCT CODE	537345	
SYNONYMS	(Amino acetic acid)	
C.I. NO.	--	
CASR NO.	(56-40-6)	
ATOMIC OR MOLECULAR FORMULA	C ₂ H ₅ NO ₂	
ATOMIC OR MOLECULAR WEIGHT	75.07	
PROPERTIES	---	
PARAMETER	LIMIT	
Description	A white crystalline powder.	
Solubilitv	10% solution in water is clear and not more intenselv coloured than reference soln.	
Identification	Passes tests.	
Minimum Assay (non- aqueous, on dried sub.)	99.5%	
pH of (5% solution in water)	5.9 - 6.4	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (at 105°C)	0.2%	
Sulphated ash	0.05%	
Insoluble matter	0.003%	
Ammonium (NH ₄)	0.005%	
Chloride (Cl)	0.005%	
Sulphate (SO ₄)	0.005%	
Heavy metals (as Pb)	0.002%	
Hydrolysable substance	Passes test.	
Other Ninhydrin-positive substances	0.5%	
Organic volatile impurities	Meets the requirement.	
Substance darkened by sulphuric acid	Passes test.	
Note(s) : Assay (if applicable) method mentioned.		
WARNING: Hazard statements: May be harmful if swallowed. Precautionary statements Prevention: ----- Response: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.		IMDG Code : UN No. : IATA :
Disposal: : -----		
Hazard pictogram(s) :		

Replace date 25-Oct-2025