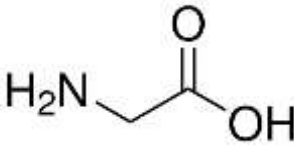




Product Specification

cdhfinechemical.com

GLYCINE AR/ACS

PRODUCT CODE	H23755
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.
Solubility	10% solution in water is clear and not more intensely coloured than reference soln.
Identification	Passes test.
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 (105° For 2hrs)	0.2%
Sulphated ash	0.1%
Residue after ignition	0.1%
Chloride (Cl)	0.005%
Sulphate (SO ₄)	0.005%
Heavy metals (as Pb)	0.001%
Ammonium (NH ₄)	0.005%
Substance darkened by sulphuric acid	Passes test.
Hydrolysable substance	Passes test.
Related compounds	
Diglycine	0.1%
Triglycine	0.1%
Total impurity	1.0%
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. Disposal: : -----	
Hazard pictogram(s) :	
IMDG Code : UN No. : IATA :	