



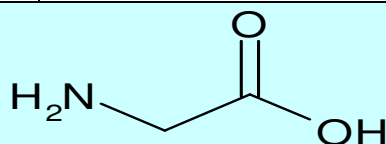
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Quality Control Dept.



(Product Specification

E Control	QC2\DATAD\D:\PS\20119XPS.xls
PRODUCT CODE	20119
PRODUCT NAME	GLYCINE AR, ACS (for Biochemistry)
SYNONYMS	(Amino acetic acid)
C.I. NO.	--
CASR NO.	(56-40-6)
ATOMIC OR MOLECULAR FORMULA	$C_2H_5NO_2$
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 (Y7)
Identification	Passes tests.
Minimum Assay (non-aqueous, on dried sub.)	99.5%
pH of (5% solution in water)	5.9 - 6.4
Loss on drying (at 105°C)	Max. 0.2%
Sulphated ash	Max. 0.05%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
Ammonium (NH ₄)	0.005%
Chloride (Cl)	0.003%
Sulphate (SO ₄)	0.0025%
Copper (Cu)	0.0005%
Iron (Fe)	0.001%
Heavy metals (as Pb)	0.001%
Lead (Pb)	0.0005%
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 statement: 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) :--

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 04
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

