



74072

Glycine BP

Part A

CAS : 56-40-6

Molecular Formula : C₂H₅NO₂

Molecular Weight : 75.07

Specifications

Appearance (Colour)	White or almost white
Appearance (Form)	Crystalline powder
Solubility	Freely soluble in water, very slightly soluble in ethanol (96%)
Identification (IR Spectrum)	A) Passes
Identification	B) By TLC C) By Chemical test
Appearance of Solution	Solution is clear (10% in water)
pH (5% aq. solution)	5.9 - 6.4
Related substances (By HPLC)	Individual impurity : max 0.1% Any other impurities : max 0.1% Total impurities : max 0.2%
Ninhydrin - Positive substance	Individual impurity : max 0.1% Total impurities : max 1%
Chloride (Cl)	Max. 75 ppm
Ammonia (NH ₃)	At 570nm, NMT area of corresponding peak obtained from reference solution C (0.02%)
Loss on drying	Max 0.5% (at 105°C for 2hrs)
Sulphated Ash	Max 0.1%
Assay (On dry basis)	98.5 - 101.0%
Reference	BP 2020

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
1 Kg	29224910 (GST 18%)
25 Kg	29224910 (GST 18%)
5 Kg	29224910 (GST 18%)

Available Packages

1 Kg

5 Kg

25 Kg

Disclaimer

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608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com
