



64072

Glycine for molecular biology, 99.5%

Part A

CAS : 56-40-6

Molecular Formula : C₂H₅NO₂

Molecular Weight : 75.07

Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear
Solubility (Colour) 10% aq. solution	Colourless
Assay (NT)	min. 99.5%
pH (5% aq. solution)	5.9 - 6.3
Sulphated Ash	max. 0.05%
Loss on drying	max. 0.2%
Chloride (Cl)	max. 0.005%
Sulphate (SO ₄)	max. 0.005%
Iron (Fe)	max. 0.005%
Heavy Metals (Pb)	max. 0.0005%
Ammonium (NH ₄)	max. 0.0005%
Copper (Cu)	max. 0.0005%
Homogeneity by TLC	Passes test
Absorbance (A) of 1M aq. solution in a 1cm cell v/s H ₂ O	
@260nm	max. 0.1
@280nm	max. 0.1
DNase, RNase, Protease	Not detected

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
1 Kg	29224910 (GST 18%)
100 Gms	29224910 (GST 18%)
5 Kg	29224910 (GST 18%)
500 Gms	29224910 (GST 18%)
Type of Packing	
1 Kg	Plastic Bottle

100 Gms

Plastic Bottle

5 Kg

Plastic Jar

500 Gms

Plastic Bottle

Available Packages

100 Gms

500 Gms

1 Kg

5 Kg

Disclaimer

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