



21113

Urea for molecular biology, 99.5%

Part A

CAS : 57-13-6

Molecular Formula : NH₂CONH₂

Molecular Weight : 60.06

Specifications

Appearance (Colour)	White
Appearance (Form)	Crystalline compound
Solubility (Turbidity) 8M aq. solution	Clear
Solubility (Colour) 8M aq. solution	Colourless
Assay (ex N)	min. 99.5%
Melting Point	132-135°C
Sulphated Ash	max. 0.01%
Chloride (Cl)	max.0.0005.%
Sulphate (SO ₄)	max.0.001%
Iron (Fe)	max. 0.0001%
Heavy Metals (Pb)	max. 0.0001%
Acidity	max. 0.05ml N%
Absorbance (A) of 6M aq. solution in a 1cm cell v/s H ₂ O	
@260nm	max. 0.06
@280nm	max. 0.06
Biuret (C ₂ H ₅ N ₃ O ₂)	max. 0.05%
DNase, RNase, Protease	Not detected

General Information

Storage	25 to 40°C (Room Temperature)
Shelf Life	60 Months
IMDG Identification	Restricted for export from India
HSN Code	
1 Kg	29241900 (GST 18%)
5 Kg	29241900 (GST 18%)
500 Gms	29241900 (GST 18%)
Type of Packing	
5 Kg	Plastic Jar
500 Gms	Plastic Bottle

Available Packages

500 Gms

1 Kg

5 Kg

Disclaimer

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