



86854

## Urea extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5%

Part A

CAS : 57-13-6

Molecular Formula : CH<sub>4</sub>N<sub>2</sub>O

Molecular Weight : 60.06

### Specifications

ExiPlus	meets compendial specs of USP, BP
Appearance (Colour)	White
Appearance (Form)	Crystalline powder
Solubility (Turbidity) 8M aq. solution	Clear
Solubility (Colour) 8M aq. solution	Colourless
Identification (IR Spectrum)	Passes test
Assay (ex N)	min. 99.5%
Melting Point	132 - 135°C
Sulphated Ash	max. 0.01%
Insoluble matter	max. 0.01%
Chloride (Cl)	max. 0.0005%
Sulphate (SO <sub>4</sub> )	max. 0.001%
Iron (Fe)	max. 0.0001%
Heavy Metals (Pb)	max. 0.0002%
Acidity	max. 0.05ml N%
Biuret (C <sub>2</sub> H <sub>5</sub> N <sub>3</sub> O <sub>2</sub> )	max. 0.05%

### General Information

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

## Available Packages

500 Gms

5 Kg

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### Disclaimer

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