



GMP & ISO 9001 Quality System Certified Organization
MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

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CERTIFICATE OF ANALYSIS

Name of Item: UREA AR

Formula: NH₂.CONH₂

M.W.: 60.06

Batch No.:

CAS NO.: 57-13-6

Cat. No.: UP4330

Date of Mfg.:

Date of Analysis:

Type of Test	Standard	Observed
Description	White crystalline powder	White crystalline powder
Assay	(Min) 99.50%	99.78%
Melting point	132 - 133°C	132°C
Insoluble matter	<0.003%	0.002%
Acidity	<0.05 ml N%	0.024 ml N%
Alkalinity	<0.05 ml N%	NIL
Sulphated ash	<0.005%	0.003%
Chloride (Cl)	<0.0005%	0.00048%
Sulphate (SO ₄)	<0.001%	0.0008%
Copper (Cu)	<0.0001%	0.00009%
Iron (Fe)	<0.0001%	<0.0001%
Lead (Pb)	<0.0002%	0.0001%
Biuret (C ₂ H ₅ N ₃ O ₂)	<0.05%	0.04%

Results : The above product complies with AR grade