

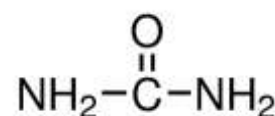


Product Specification

cdhfinechemical.com

UREA SPECIALLY PURIFIED FOR ENZYME WORK

PRODUCT CODE	257215
SYNONYMS	--
C.I. NO.	--
CASR NO.	57-13-6
ATOMIC OR MOLECULAR FORMULA	CH ₄ N ₂ O
ATOMIC OR MOLECULAR WEIGHT	60.06
PROPERTIES	--



PARAMETER	LIMIT
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Description	A white crystalline powder or transparent crystals.
Solubility	10% solution in water is clear, colourless.
Minimum assay (Calculated with respect to dried substance.; Kjeldahl method)	99.5%
Melting point	132° - 135°C

MAXIMUM LIMIT OF IMPURITIES

Sulphated Ash	0.01%
Chloride (Cl)	0.0005%
Sulphate (SO ₄)	0.001%
Iron (Fe)	0.0001%
Heavy metals (Pb)	0.0001%
Acidity	0.05 ml N%
A 8m aq. 260nm	0.056
A 8m aq. 280nm	0.046
Biuret (C ₂ H ₅ N ₃ O ₂)	0.05%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards

Precautionary statements

Prevention-----

Response: -----

Disposal : -----

Hazard Pictogram(s) : -----

IMDG Code :--

UN No. :--

IATA :--

Replace Date 29-Nov-2025