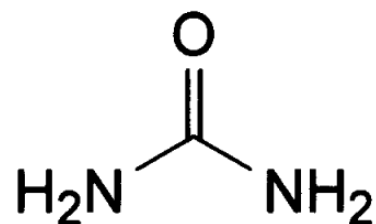


PRODUCT Urea Ph. Eur.

CAS no. [57-13-6]

SYNONYMS Carbamide, Carbonyl Diamide, Diaminomethanal, Diaminomethanone



CHARACTERISTICS White or almost white, crystalline powder or transparent crystals, slightly hygroscopic. Very soluble in water, soluble in alcohol, practically insoluble in methylene chloride.

TEST	SPECIFICATION
Assay (Content)	98.5% to 101.5% (dried substance)
Identification	Conforms to Ph. Eur. tests
Melting Point	132 °C to 135 °C
Appearance of solution	As per Ph. Eur. test: The solution is clear and colourless
Alkalinity	As per Ph. Eur. test: The solution is red to orange
Biuret	Not more than 0.1%
Ammonium	Not more than 500ppm
Heavy metals	Not more than 10ppm
Loss on drying	Not more than 1.0%
Sulphated Ash	Not more than 0.1%

ENQUIRY