

Technical data sheet



Product name: **Urea**

Grade: **Laboratory**

Chemical formula: NH_2CONH_2

Molar mass: 60.06 g/mol

Synonyms: carbamide; Isourea; Carbonyldiamide

General information	
Cas- No.	57-13-6
Ec-No.	200-315-5
Appearance	white solid
Boiling point	N/A
Melting point	133 °C
Flash point	N/A
Spec.density	1.34 g/cm ³ (20°C)
Vapour pressure	<0.1 hpa(20°C)
Solub. In H ₂ O	1000 g/l (20°C)
Storage temp	≤+25 ° C
R:	N/A
S:	N/A

Specification	
Assay	99-100.5 %
Identity	conforms
Appearance of solution	conforms
Alkaline reacting subst	conforms
In water insoluble matter	≤ 0.01 %
Melting point	132-135 °C
Ammonium	≤ 0.0500 %
Biuret	≤ 0.1 %
Sulfated ash(600 °C)	≤ 0.1 %
Loss on drying (105°C)	≤1.0 %

Symbol:

packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



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