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## Urea, Hi-AR<sup>™</sup>/ACS

**GRM3976**

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### Product Identifier

CAS No.	:	57-13-6
EC No.	:	200-315-5
Molecular Formula	:	NH <sub>2</sub> CONH <sub>2</sub>
Molecular weight	:	60.06
HS Code	:	3102 10 00
Storage	:	Below 30°C
Shelf life	:	4 years

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### Technical Specification

Appearance	:	White crystals or powder or granules or solid
Solubility	:	100 mg soluble in 1 mL of water
FTIR	:	Matches with the standard pattern
Melting range	:	132 - 135°C
Chloride (Cl)	:	<= 0.0005%
Heavy metals (as Pb)	:	<= 0.001
Iron (Fe)	:	<= 0.001%
Water insoluble Matter	:	<= 0.01%
Sulfate (SO <sub>4</sub> )	:	<= 0.001%
Residue on ignition	:	<= 0.01%
Assay (Based on total nitrogen/NT)	:	99.00 - 100.50%

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### Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	YR6250000
WGK	:	1