
Urea, Hi-AR™

GRM633

Product Identifier

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

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%
Lead (Pb)	:	<= 0.001%
Iron (Fe)	:	<= 0.001%
Insoluble matter	:	<= 0.01%
Sulfate (SO ₄)	:	<= 0.001%
Assay (Based on total nitrogen/NT)	:	98.50 - 102.00%

Safety Information

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

Other Information

Suitable as Bacteriological ingredient