SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS	
Urea AR/ACS	
CAS No	57-13-6
Molecular Formula	CH4N2O
Molecular Weight	60.06
Product Code	700404G500
Grade	AR/ACS
Specification no	700404/R1/144
Effective date	19-01-2026
Review date	18-01-2031

TEST	SPECIFICATION
Appearance	White solid
Aqueous Solubility	109g in 100ml at 100°C
Assay	99.0 -100.5%
Melting point	132 - 135°C
Insoluble matter	max 0.01%
Residue after ignition	max 0.01%
Chloride(Cl)	max 5ppm
Sulphate(SO4)	max 0.001%
Heavy metals (as Pb)	max 0.001%
Iron(Fe)	max 0.001%

RYZE CHEMIE
Unit No. 13, 2nd Floor, Tower-C,
Plot No. C-39 A,
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RYZE CHEMIE

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