SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS

Magnesium sulphate heptahydrate AR/ACS

CAS No	10034-99-8
Molecular Formula	MgSO4.7H2O
Molecular Weight	246.48
Product Code	700198G500
Grade	AR/ACS
Specification no	700198/R1/94
Effective date	19-01-2026
Review date	18-01-2031

TEST	**SPECIFICATION**
Appearance	Colourless efflorescent solid
Aqueous Solubility	72 g in 100 ml at 20°C
Assay	98.0-102.0%
pH (5% aq.solution) at 25.0°C	5.0-8.2
Insoluble matter	max 0.005%
Chloride (Cl)	max 5 ppm
Nitrate (NO3)	max 0.002%
Ammonium (NH4)	max 0.002%
Calcium (Ca)	max 0.02%
Manganese (Mn)	max 5 ppm
Potassium (K)	max 0.005%
Sodium (Na)	max 0.005%
Strontium (Sr)	max 0.005%
Heavy metals	max 5ppm
Iron (Fe)	max 5ppm

RYZE CHEMIE
Unit No. 13, 2nd Floor, Tower-C,
Plot No. C-39 A,
Gami Industrial Park,
Pawane MIDC, Navi Mumbai,
Maharashtra-400705, INDIA

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www.ryzechemie.com
+91- 99-3006-02-02