SPECIFICATION SHEET

PRODUCT DETAILS	
Ferrous sulphate heptahydrate AR/ACS	
CAS No	7782-63-0
Molecular Formula	FeSO4.7H2O
Molecular Weight	278.01
Product Code (500G)	700144G500
Grade	AR/ACS
Specification no	700144/R1/82
Effective date	19-01-2026
Review date	18-01-2031

TEST	SPECIFICATION
Appearance	Green or bluish-green solid
Aqueous Solubility	48.6 g in 100 ml at 50°c
Assay	Min. 99.0%
Insoluble matter	max 0.01%
Chloride (Cl)	max 0.001%
Phosphate (PO4)	max 0.001%
Calcium (Ca)	max 0.005%
Copper (Cu)	max 0.005%
Magnesium (Mg)	max 0.002%
Manganese (Mn)	max 0.05%
Potassium (K)	max 0.002%
Sodium (Na)	max 0.02%
Zinc (Zn)	max 0.005%
Ferric iron (Fe3+)	max 0.1%

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