

## SPECIFICATION

**Product Code: 21570**

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**Product Name: AMMONIUM FERRIC SULPHATE (DODECAHYDRATE) AR**  
(Ammonium Iron (III) Sulphate)

$\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$  M.W. 482.19

Minimum assay 99.0%

Maximum Limits of Impurities :

Water insoluble matter 0.003%

pH (5% aq solution) 1.5 - 5.0

Chloride (Cl) 0.0005%

Phosphate ( $\text{PO}_4$ ) 0.003%

Calcium (Ca) 0.001%

Copper (Cu) 0.001%

Lead (Pb) 0.002%

Magnesium (Mg) 0.001%

Manganese (Mn) 0.001%

Potassium (K) 0.002%

Sodium (Na) 0.002%

Zinc (Zn) 0.001%

**CAS No. : 7783-83-7**

Revision No. 02  
Rev. Date : 14/01/2026

**MOLYCHEM INDIA LLP**

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.