

**Product Name** : Ammonium Iron (II) Sulfate Hexahydrate, Grade AR  
**Product Code** : A5086-1 **CAS Number** : 7783-85-9  
**Formula** :  $(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$  **M. wt** : 392.14 g/mol  
**Packing** : 500 g, 1 kg

Parameter	Specification
Assay (manganometric)	min. 99 %
pH (5%, H <sub>2</sub> O)	3 - 5
Insoluble in diluted H <sub>2</sub> SO <sub>4</sub>	max. 0.01 %
Non precipitable by ammonia (as SO <sub>4</sub> )	max. 0.05 %
Chlorides (Cl)	max. 0.001 %
Phosphates (PO <sub>4</sub> )	max. 0.002 %
Calcium (Ca)	max. 0.002 %
Copper (Cu)	max. 0.002 %
Iron (III) ( Fe (III) )	max. 0.01 %
Lead (Pb)	max. 0.001 %
Manganese (Mn)	max. 0.01 %
Potassium (K)	max. 0.01 %
Sodium (Na)	max. 0.01 %
Zinc (Zn)	max. 0.003 %

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