

# Technical Datasheet

## Article no. 2678

Ammonium iron(II) sulfate hexahydrate p. a., ISO, Ph. Eur.  
99.0–101.0 %  $(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \times 6 \text{H}_2\text{O}$

For laboratory use.

Parameter	Value
Appearance	green powder
pH (50 g/l H <sub>2</sub> O)	3–5
Melting point	100 °C
Density	1.86 g/ml
Molar mass	392.14 g/mol
Chloride (Cl)	max. 0.001 %
Phosphate (PO <sub>4</sub> )	max. 0.002 %
Iron (Fe (III))	max. 0.01 %
Calcium (Ca)	max. 0.01 %
Copper (Cu)	max. 0.002 %
Potassium (K)	max. 0.01 %
Magnesium (Mg)	max. 0.01 %
Manganese (Mn)	max. 0.01 %
Sodium (Na)	max. 0.01 %
Lead (Pb)	max. 0.001 %
Zinc (Zn)	max. 0.003 %
Insoluble matter	max. 0.01 %
pH (5 % solution)	3–5