

# Technical Datasheet

**Article No. 2217**

**Iron(III)-nitrate Nonahydrate p. a., ACS**  
min. 98.0 %  $\text{Fe}(\text{NO}_3)_3 \times 9 \text{H}_2\text{O}$

**For laboratory use.**

Parameter	Value
Appearance	colourless to light violet solid
Mol.-Weight	404.00 g/mol
Density	1.68 g/cm <sup>3</sup>
Melting point	47 °C (dec.)
pH (100 g/l H <sub>2</sub> O)	1.3
Arsenic (As)	max. 0.0002 %
Calcium (Ca)	max. 0.005 %
Cadmium (Cd)	max. 0.001 %
Copper (Cu)	max. 0.001 %
Iron (Fe(II))	max. 0.002 %
Potassium (K)	max. 0.005 %
Magnesium (Mg)	max. 0.001 %
Mangan (Mn)	max. 0.005 %
Sodium (Na)	max. 0.005 %
Lead (Pb)	max. 0.001 %
Zinc (Zn)	max. 0.001 %
Chloride (Cl)	max. 0.0005 %
Phosphate (PO <sub>4</sub> )	max. 0.005 %
Sulfate (SO <sub>4</sub> )	max. 0.005 %
Insoluble matter	max. 0.005 %