

**Identification**

$\text{Fe}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$   
M = 399,87 g/mol  
CAS [15244-10-7]  
EC number: 233-072-9  
Taric code: 2833 29 80

**Applications**

laboratory reagent, analytical chemistry, flotation agent (water).

**Specifications**

assay (iodometric, as $\text{Fe}_2(\text{SO}_4)_3$ ).....	min. 75 %	copper (Cu).....	max. 0,005 %
insoluble in $\text{H}_2\text{SO}_4$ .....	max. 0,025 %	iron (II) (Fe (II)).....	max. 0,1 %
chlorides (Cl).....	max. 0,01 %	potassium (K).....	max. 0,01 %
nitrites ( $\text{NO}_2$ ).....	max. 0,02 %	sodium (Na).....	max. 0,05 %

**Physical data**

- Appearance: powder, light yellow
- Spec. Density: (18°C, anhydrous substance) 3,097 g/cm<sup>3</sup>
- Bulk density: ~ 200 kg/m<sup>3</sup>
- Solub. in water: (20 °C): freely soluble
- pH(50 g/l  $\text{H}_2\text{O}$ , 20 °C) ~ 1,5

**Transport/storage**

- 10°C - 30°C