

Ammonium iron(III) sulfate, solution 0,1 mol/l (0,1 N)**Identification**

$\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
M = 482,19 g/mol
CAS [7783-83-7]
EC number: 233-382-4
Taric code: 2833 30 00

Applications

analytical chemistry, laboratory reagent, titrant in volumetric analysis.

Specifications

factor..... 0,995 - 1,005
uncertainty \pm 0,003

1 ml = 0,04822 g $(\text{NH}_4)\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
This volumetric solution was checked
by means of potentiometric methods
using a sodium thiosulfate standard

solution, that was also checked against
Scharlau's potassium iodate
volumetric standard. Scharlau's
volumetric standards are directly
traceable to the Standard Reference
Materials from NIST (National Institute
of Standards and Technology, USA).

Physical data

• Density: 1,025 g/cm³

Transport/storage

• 10°C - 30°C