



Ammonium iron(II) sulfate, solution ~ 0,12 mol/l (0,12 N), for COD determination, according to ISO 6060

Identification

$(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$
M = 392,13 g/mol
CAS [7783-85-9]
EC number: 233-151-8
Taric code: 2833 29 90

Applications

determining COD.

Specifications

titer 0,119 - 0,129 mol/l
uncertainty $\pm 0,001$

1 ml = 0,047056 g $(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$

This volumetric solution was checked by means of volumetric methods using a potassium dichromate standard solution, that was also checked against Scharlau's sodium thiosulfate standard solution. 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
- Solub. in water: (20 °C): miscible

Transport/storage

- 10°C - 30°C