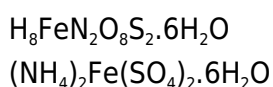




**PRODUCT CODE: 131368**

**Ammonium Iron(II) Sulfate 6-hydrate (Reag. Ph. Eur.) for analysis, ISO**

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M.= 392,14

CAS [7783-85-9]

EINECS 233-151-8

TARIC 2842 90 80 80

**SYNONYMS:** Iron(II) Ammonium Sulphate, Mohr's Salt

**PHYSICAL DATA:** crystals, Green-bluish, Soluble in water 269 g/l at 20 °C D 1,864 • M.P.: 100 °C • pH(50g/l)3 - 5 •

**BIBLIOGRAPHY:** Merck Index **13**, 523 Safety **2**, **240 D** • Römp **8**, **188** • ACS **XI** • ISO 6353/3-1987 R - 42, 4 •

**HAZARDOUS:** RTECS: BR 6500000 • LD L0 oral rat 3.250 mg/kg • LD50 oral rat 3.250 mg/kg •

**SPECIFICATIONS:**

Assay (Perm.) 99,0-101,0%

pH of 5% solution 3-5

**Maximum limit of impurities**

Insoluble matter in H<sub>2</sub>SO<sub>4</sub> 0,005 %

Chloride (Cl) 0,001%

Phosphate (PO<sub>4</sub>) 0,002 %

Non-precipitated by NH<sub>4</sub>OH 0,1%

Fe(III) 0,01%

**Metals by ICP [in mg/Kg (ppm)]**

Al 50

Ca	100
Cd	10
Co	50
Cu	10
Hg	10
K	100
Mg	50
Mn	200
Na	100
Pb	10
Sr	10
Zn	30

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Prod.: 131368