PanReac AppliChem
ITW Reagents

PRODUCT CODE: 131368

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

$H_8FeN_2O_8S_2.6H_2O$
$(NH_4)_2Fe(SO_4)_2.6H_2O$

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 H2SO4	0,005 %
Chloride (Cl)	0,001%
Phosphate (PO4)	0,002 %
Non-precipitated by NH4OH	0,1%
Fe(III)	0,01%
Metals by ICP [in mg/Kg (ppm)]	
Al	50

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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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