



PRODUCT CODE: 131368

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

$\text{H}_8\text{FeN}_2\text{O}_8\text{S}_2 \cdot 6\text{H}_2\text{O}$

$(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$

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%
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pH of 5% solution	3-5
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Maximum limit of impurities

Insoluble matter in H ₂ SO ₄	0,005 %
Chloride (Cl)	0,001%
Phosphate (PO ₄)	0,002 %
Non-precipitated by NH ₄ 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