



PRODUCT CODE: 131143

Ammonium Thiocyanate (Reag. Ph. Eur.) for analysis, ACS, ISO

$\text{CH}_4\text{N}_2\text{S}$

NH_4SCN

M. = 76,12

CAS [1762-95-4]

EINECS 217-175-6

TARIC 2842 90 80 80

SYNONYMS: Ammonium Rhodanide, Ammonium Sulphocyanide

PHYSICAL DATA: crystalline powder, White, Soluble in water 1.650 g/l at 20 °C Thermal decom. 170 °C • Hygroscopic • D 1,305 • M.P.: 150 °C • pH4,8 - 5,8 •

BIBLIOGRAPHY: Merck Index **12**, 597 13, 564 Sax **ANW**750 • Safety **2**, **244 D** • Römp **8**, **192** • Beilstein **3**, **IV**, **319** • BRN 3595135 • ACS **XI** • ISO 6353/3-1987 R - 46, 9 •

HAZARDOUS: C.E: 615-004-00-3 • RTECS: XK 8750000 • LD50 oral mus 500 mg/kg • LD50 oral rat 750 mg/kg • LD50 ipr mus 500 mg/kg



H: H332 • H312 • H302 • EUH032 • H412 •

P: P261 • P264 • P270 • P271 • P273 • P501 • P301+P312 • P302+P352 • P304+P340 • P312 • P322 • P330 • P363 •

SPECIFICATIONS:

Minimum assay (Arg.)

99,0%

pH of 5% solution

4,5-6,0

Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Residue on ignition (as SO ₄)	0,025 %
Chloride (Cl)	0,005%
Sulfate (SO ₄)	0,005%
Sulfide (S)	0,001 %
Iodine-reducing substances	0,002 meq/g
Heavy metals (as Pb)	0,0005%
Cu	0,0005 %
Fe	0,0001 %
Ni	0,0005 %
Pb	0,0005 %

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