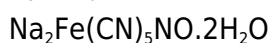
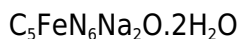




PRODUCT CODE: 131705

Sodium Pentacyanonitrosoferrate(III) 2-hydrate (Reag. Ph. Eur.) for analysis, ACS



M.= 297,95

CAS [13755-38-9]

EINECS 238-373-9

TARIC 2837 20 00 10

SYNONYMS: Disodium Pentakis(cyano-C)Nitrosylferrate (2-), Sodium Nitroferricyanide, Sodium Nitroprussiate, Sodium Nitroprusside

PHYSICAL DATA: crystals, Dark red, Soluble in water 400 g/l at 20 °C D 1,72 • pH5 •

BIBLIOGRAPHY: Merck Index **12**, 8.794 13, 8.722 Sax **SIW500** • Safety **2**, **3148 B** • Römpp **8**, **2816** • Beilstein **2**, **IV**, **74** • ACS **XI** • USP **41** • Ph. Eur. **9.0** (2017) 98, 469 1521 98, 469 •

HAZARDOUS: RTECS: LJ 8925000 • LD L0 oral rat 20 mg/kg • LD50 ipr mus 9 mg/kg



H: H301 •

P: P264 • P270 • P301+P310 • P321 • P330 • P501 • P405 •

TRANSPORT REGULATIONS: UN: 1588 • ADR: 6.1/II • IMDG: 6.1/II • IATA: 6.1/II • PAX: 669 • CAO: 676 • (D/E) •

SPECIFICATIONS:

Assay (Arg.)

99,0-102,0%

Maximum limit of impurities

Insoluble matter in H ₂ O	0,01 %	
Chloride (Cl)	0,01%	
Sulfate (SO ₄)	0,01%	
Hexacyanoferrate (III) [Fe(CN) ₆] ³⁻	0,01%	
Hexacyanoferrate (II) [Fe(CN) ₆] ⁴⁻	0,02%	
Ca	0,001	%
Cd	0,0005	%
Co	0,0005	%
Cr	0,005	%
Cu	0,0005	%
K	0,3	%
Mg	0,0005	%
Mn	0,0005	%
Ni	0,0005	%
Pb	0,0005	%
Zn	0,005	%