



**PRODUCT CODE: 131505**

**Potassium Hexacyanoferrate(II) 3-hydrate (Reag. USP, Ph. Eur.) for analysis, ACS, ISO**

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$C_6FeK_4N_6 \cdot 3H_2O$

$K_4Fe(CN)_6 \cdot 3H_2O$

M.= 422,41

CAS [14459-95-1]

EINECS 237-722-2

TARIC 2837 20 00 90

**SYNONYMS:** Potassium Ferrocyanide

**PHYSICAL DATA:** crystals, crystalline powder, Yellow, Soluble in water 270 g/l at 12 °C Thermal decom. above 70 °C • D 1,85 • M.P.: 70 °C • pH9,5 •

**BIBLIOGRAPHY:** Merck Index **12**, 7.793 13, 7.713 Sax **PLH100** • Safety **2** , **2900 D** • Römp **8** , **479** • Beilstein **2** , **IV** , **67** • ACS **XI** • ISO 6353/3-1987R - 80 , 53 • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

**HAZARDOUS:** LD50 oral mus 5.000 mg/kg • LD50 oral rat 6.400 mg/kg •

**SPECIFICATIONS:**

Assay (Perm.) 99,0-102,0%

**Maximum limit of impurities**

Insoluble matter in H2O 0,005 %

Chloride (Cl) 0,01%

Sulfate (SO4) 0,005%

Ca 0,005 %

Cd 0,0005 %

Co 0,001 %

Cr 0,005 %

Cu	0,002	%
Mg	0,001	%
Mn	0,0005	%
Na	0,02	%
Ni	0,0005	%
Pb	0,002	%
Zn	0,002	%

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