

POTASSIUM HEXACYANOFERRATE (II) 3 HYDRATE

Potasu heksacyjanożelazian (II) 3hydrat



M = 422,41 g/mol

CAS: 14459-95-1

WE: 237-722-2

H: 412

P: 273

RID/ADR: not applicable UN: not applicable

Physical and chemical properties:

Character:	solid	Explosion limits:	not applicable
Colour:	yellow	Vapour pressure:	no data
Odor:	odorless	Density:	1,85 g/cm ³ (w 20°C)
pH:	8-10	Bulk density:	1200 kg/m ³
Melting point:	approx 70°C	Solubility:	
Boiling point:	decomposition >70°C	in water:	289 g/l (20°C), approx 900 g/l (96°C)
Auto-ignition temperature:	not applicable	in organic solvents:	no data
Ignition temperature:	not applicable		

potassium hexacyanoferrate (II) 3 hydrate pure

CHEM*427469803

50 g	100 g	Appearance	yellow crystals
250 g	500 g	Assay	min. 98,5 %
750 g	1 kg	Substances insoluble in water	max. 0,03 %
		Chlorides (Cl)	max. 0,5 %
		Cyjanki (CN)	max. 0,005 %
		Water	max. 1,0 %

potassium hexacyanoferrate (II) 3 hydrate pure p. a.

CHEM*117469804

25 g	50 g	Appearance	yellow crystals
100 g	250 g	Assay	99,0 – 102,0 %
500 g	750 g	Substances insoluble in water	max. 0,005 %
1 kg		Water	max. 0,5 %
		Chlorides (Cl)	max. 0,005 %
		Cyjanki (CN)	max. 0,003 %
		Sulfates (SO ₄)	max. 0,005 %
		Carbonates (CO ₃)	max. 0,002 %
		Zinc (Zn)	max. 0,002 %
		Cadmium (Cd)	max. 0,0005 %
		Magnesium (Mg)	max. 0,001 %
		Copper (Cu)	max. 0,002 %
		Lead (Pb)	max. 0,002 %
		Sodium (Na)	max. 0,05 %
		Calcium (Ca)	max. 0,005 %