

**Potassium hexacyanoferrate(III), EssentQ®****Identification** $K_3[Fe(CN)_6]$ 

M = 329,26 g/mol

CAS [13746-66-2]

EC number: 237-323-3

Taric code: 2837 20 00

**Synonyms**

Potassium ferricyanide, Ferricyanpotassium, Potassium cyanoferrate(III)

**Applications**

analytical chemistry, laboratory reagent, painting, photography, manufacture of dyes, oxidizing agent (synthesis of organic products).

**Specifications**

assay (iodometric).....min. 99 %

insoluble in water..... max. 0,025 %

chlorides (Cl).....max. 0.05 %

sulfates (SO<sub>4</sub>).....max. 0,01 %**Physical data**• Spec. Density: 1,85 g/cm<sup>3</sup>• Bulk density: ~ 900 -1000 kg/m<sup>3</sup>

• Solub. in water: (20 °C): 464 g/l

• pH(50 g/l H<sub>2</sub>O, 20 °C) ~ 6**Transport/storage**

• 10°C - 30°C