

POTASSIUM FLUORIDE

PO0256 Potassium fluoride, EssentQ®, Reag. Ph Eur



- Synonyms: Fluorine potassium
- KF
- M = 58,10 g/mol
- CAS [7789-23-3]
- EINECS-No.: 232-151-5
- Solub. in water: (20 °C): soluble
- Melting point: ~ 855 °C
- Boiling point: 1500 °C
- Vapour pressure: (885 °C) 1,3 hPa
- LD 50 (oral, rat): 245 mg/kg
- EC-Index-No.: 009-005-00-2
- ADR: 6.1 T5 III UN 1812
- IMDG: 6.1 III UN 1812
- IATA/ICAO: 6.1 III UN 1812
- GHS-signal word: Danger
- GHS-H sentences: H301 - H311 - H331
- GHS-P sentences: P261 - P280 - P361 - P321 - P405 - P501a

- Tariff number: 2826 19 90 90
- Applications: synthesis of organic products (fluorides), insecticide.
- Appearance: White solid

assaymin. 99 %
 insoluble in watermax. 0,1 %
 free acid (as HF)max. 0,2 %
 free alkali (as KOH)max. 0,1 %
 chlorides (Cl)max. 0,01 %
 hexafluorosilicate (SiF₆)max. 0,1 %
 sulfates (SO₄)max. 0,1 %
 heavy metals (as Pb)max. 0,003 %
 iron (Fe)max. 0,003 %
 residue on ignition (500 °C, 15 min)max. 0,3 %

ART. NO.	VOLUME	CONTAINER
PO02560500	500 g	
PO02561000	1 kg	
PO0256005P	5 kg	
PO0256025P	25 kg	

POTASSIUM HEXACYANOFERRATE(II) TRIHYDRATE

- Synonyms: Potassium ferrocyanide, Yellow prussiate of potash, Ferrocyanpotassium
- K₄[Fe(CN)₆]·3H₂O
- M = 422,39 g/mol
- CAS [14459-95-1]

- EINECS-No.: 237-722-2
- Solub. in water: (20 °C): 289 g/l
- Melting point: ~ 70 °C (release of crystalline water)
- LD 50 (oral, rat): 3613 mg/kg (anhydrous substance)
- GHS-H sentences: H412

- GHS-P sentences: P273 - P501a
- Tariff number: 2837 20 00 90
- Applications: analytical chemistry, laboratory reagent, in food industry.

PO0247 Potassium hexacyanoferrate(II) trihydrate, EssentQ®

assay (permanganometric)min. 99 %
 insoluble in watermax. 0,025 %
 chlorides (Cl)max. 0,05 %
 sulfates (SO₄)max. 0,01 %
 ferricyanidepasses test

arsenic (As)max. 3 ppm
 copper (Cu)max. 0,0025 %
 lead (Pb)max. 0,001 %
 zinc (Zn)max. 0,0025 %
 watermax. 1 %

ART. NO.	VOLUME	CONTAINER
PO02471000	1 kg	
PO0247005P	5 kg	
PO0247025P	25 kg	

PO0248 Potassium hexacyanoferrate(II) trihydrate, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur

assay (permanganometric)99 - 102 %
 insoluble in watermax. 0,005 %
 chlorides (Cl)max. 0,01 %
 sulfates (SO₄)max. 0,005 %
 cadmium (Cd)max. 5 ppm
 copper (Cu)max. 0,002 %
 lead (Pb)max. 0,002 %

sodium (Na)max. 0,01 %

ART. NO.	VOLUME	CONTAINER
PO02480500	500 g	
PO02481000	1 kg	
PO0248005P	5 kg	
PO0248025P	25 kg	

POTASSIUM HEXACYANOFERRATE(III)

- Synonyms: Potassium ferricyanide, Ferricyanpotassium, Potassium cyanoferrate(III)
- K₃[Fe(CN)₆]
- M = 329,26 g/mol

- CAS [13746-66-2]
- EINECS-No.: 237-323-3
- Solub. in water: (20 °C): 464 g/l
- Tariff number: 2837 20 00 00

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

PO0240 Potassium hexacyanoferrate(III), EssentQ®

assay (iodometric)min. 99 %
 insoluble in watermax. 0,025 %
 chlorides (Cl)max. 0,05 %
 sulfates (SO₄)max. 0,01 %

ART. NO.	VOLUME	CONTAINER
PO02400500	500 g	
PO02401000	1 kg	

ART. NO.	VOLUME	CONTAINER
PO0240005P	5 kg	
PO0240025P	25 kg	