



ANHUI TOPGLOBAL CO., LTD.  
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## TECHNOLOGY DATA SHEET

**Product name:** Potassium Ferrocyanide

**Grade:** Food Grade

**Molecular Formula.:** C<sub>6</sub>FeK<sub>4</sub>N<sub>6</sub>

**Date:**2021/09/20

**CAS NO.:**13943-58-3

**Molecular .Weight.:**368.345

**Expiry:** 2023/09/19

No	Item	Standard	Result
1	Purity [K <sub>4</sub> Fe(CN) <sub>6</sub> · 3H <sub>2</sub> O]	≥ 99.00%	99.60%
2	Chloride[ Cl- ]	≤ 0.30%	0.15%
3	Cyanide [ CN- ]	≤ 0.01%	0.006%
4	Sulphate [ SO <sub>4</sub> <sup>2-</sup> ]	≤ 0.10%	0.03%
5	Water-insoluble Matter	≤ 0.01%	0.005%
6	Moisture	≤ 0.50%	0.03%
7	Arsenic [ As ]	≤ 1ppm	pass
8	Lead [ Pb ]	≤ 5ppm	4ppm
9	Zinc [ Zn ]	≤ 10ppm	8ppm
10	Copper [ Cu ]	≤ 3ppm	3ppm
11	Cadmium [ Cd ]	≤ 1ppm	pass
12	Appearance	Yellow crystal	Yellow crystal

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### Package:

1. 25kg net packed in woven bag;
2. 50kg net packed in fiber drum;
3. 1000kg net packed in tote bag;

### Application:

1. Potassium ferrocyanide is used in paint & for production of printing Ink.
2. Potassium ferrocyanide is used for production of potassium ferricyanide
3. Potassium ferrocyanide is used in pharmaceutical
4. Potassium ferrocyanide is used as Heat treatment Salt
5. Potassium ferrocyanide is used in the leather industry
6. Potassium ferrocyanide is used in fermentation of Iron-ore
7. Potassium ferrocyanide is used in production of security paper
8. Potassium ferrocyanide is used in making dyes and pigments
9. Potassium ferrocyanide is used in casehardening alloys having an iron base and in dyeing wool and silk
10. Potassium ferrocyanide is used in steel and carbonization industry
11. Potassium ferrocyanide is used as anticaking agents for table salt

### Storage:

No specific storage is required. Keep away of sun-sight directly. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded.



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