

631 – POTASSIUM FERROCYANIDE, EXTRA PURE

REF NO: TBL/QA/SS/LC/631	STANDARD SPECIFICATION FOR POTASSIUM FERROCYANIDE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 27/10/2024
Issue Date: 28/10/2021		Product code: 631

PRODUCT PROPERTIES

C.A.S Number	13943-58-3
Chemical Formula	$K_4Fe(CN)_6$
Formula weight	368.35
Functional Uses	In the laboratory, potassium ferrocyanide is used to determine the concentration of potassium permanganate, a compound often used in titrations based on redox reactions. Potassium ferrocyanide is used in the production of wine and citric acid.
Standard Packaging	500 gm. & 50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Slightly efflorescent crystals
Solubility	Clear & soluble in water

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Moisture	NMT – 1.0%
Chloride (Cl)	NMT – 0.05%
Sulphate (SO ₄)	NMT – 0.01%
Zinc (Zn)	NMT – 0.0005%
Copper (Cu)	NMT – 0.005%
Assay	NLT - 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.