

## 737– POTASSIUM FERRICYANIDE, EXTRA PURE

REF NO: TBL/QA/SS/LC/737	STANDARD SPECIFICATION FOR POTASSIUM FERRICYANIDE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 27/10/2024
Issue Date: 28/10/2021		Product code: 737

### PRODUCT PROPERTIES

C.A.S Number	13746-66-2
Chemical Formula	$K_3Fe(CN)_6$
Formula weight	329.25
Functional Uses	The ability for potassium ferricyanide to be used to test for ferrous ions is beneficial both in medical labs to detect ferrous ions in biological tissue and industrial environments to determine if free metal ions are present on steel or other iron surfaces which lead to rusting
Standard Packaging	100 gm., 500 gm. & 50 kg

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Bright red crystalline powder
Solubility	Slowly soluble in 2.5 parts cold water.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.05%
Sulphate (SO <sub>4</sub> )	NMT – 0.01%
Assay	NLT – 99.0%

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

