



# Product Specification

## Product Name: POTASSIUM FERRICYANIDE AR

Alternate Name(s) Potassium hexacyanoferrate(III)

### Description

Bright-red lustrous crystals or powder. Odourless

### Properties

Chemical Formula:  $K_3Fe(CN)_6$

Molecular Weight: 329.25

Product Code: PA025

CAS No. 13746-66-2

### General Information:

Very soluble in water. Slightly soluble in alcohol. Soluble in acetone. Incompatible with acids, ammonia, nitrides, nitrites, hydrogen halides.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH5C

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

### Quality Specification

Assay: 99.0% min.

### Specific Properties and Impurities [Typical levels]:

Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.01%
Sulfate (SO <sub>4</sub> )	≤ 0.01%
Ferro compounds	≤ 0.05% as ferrocyanide radical [Fe(CN) <sub>6</sub> ] <sup>4-</sup>
Specific Gravity (@ 25 °C)	1.85
pH Value (50 g/l, H <sub>2</sub> O, 20 °C)	~6

CONFORMS TO ACS

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