Product Specification

Product Name:
Potassium hexacyanoferrate(II) trihydrate - ReagentPlus®, ≥98.5%

Product Number: P9387
CAS Number: 14459-95-1
MDL: MFCD00167023
Formula: C6FeK4N6 · 3H2O
Formula Weight: 422.39 g/mol

K₄Fe(CN)₆ · 3H₂O

TEST Specification

Appearance (Color) Faint Yellow to Yellow
Appearance (Form) Powder
Solubility (Color) Yellow-Green
Solubility (Turbidity) Clear
100 mg/mL, H₂O
Potassium (ID) Positive
Iron (Fe) (ID) Positive
Purity > 98.5 %
by Redox Titration
Recommended Retest Period 2 years

Specification: PRD.0.ZQ5.10000036730

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.