

3050 Spruce Street, Saint Louis, MO 63103, USA

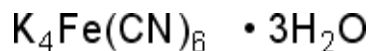
Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Certificate of Analysis

Product Name:

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

Product Number: P9387  
Batch Number: SLBH4961V  
Brand: SIAL  
CAS Number: 14459-95-1  
MDL Number: MFCD00167023  
Formula:  $C_6FeK_4N_6 \cdot 3H_2O$   
Formula Weight: 422.39 g/mol  
Quality Release Date: 04 SEP 2013  
Recommended Retest Date: SEP 2015



Test	Specification	Result
Appearance (Color)	Faint Yellow to Yellow	Light Yellow
Appearance (Form)	Powder	Powder
Solubility (Color)	Yellow-Green	Yellow-Green
Solubility (Turbidity)	Clear	Clear
100 mg/mL, H <sub>2</sub> O		
Potassium	Positive	Positive
Iron (Fe)	Positive	Positive
Purity	≥ 98.5 %	100.0 %
by Redox Titration		



Rodney Burbach, Manager  
Analytical Services  
St. Louis, Missouri US

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.