

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-09 13:27:11  
Date of Next Testing: 2030-05-08 13:27:11  
Product Name: **Potassium ferrocyanide trihydrate**  
CAS Number: 14459-95-1  
Specifications & Purity: PrimorTrace™, ≥99.99% metals basis, powder  
Lot #: E2607480  
SKU #: **P1510193**  
Version: **1**  
Analysis #: **681947**  
Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	10-20 (%)	11.48550 %
Fe(Titration by KMNO4)	13-13.5 (%)	13.25000 %
PH (0.5M in H2O)	8-10	8.81000
Copper(Cu)	0-5 (ppm)	0.00000 ppm
Manganese(Mn)	0-5 (ppm)	0.00000 ppm
Lead(Pb)	0-5 (ppm)	0.00000 ppm
Chromium(Cr)	0-5 (ppm)	0.00000 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99100 %
Total Metallic Impurity	0-100 (ppm)	90.00000 ppm
Appearance(P1510193)	Faint yellow to yellow crystalline powder to powder	Faint yellow to yellow crystalline powder to powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager