

## Certificate of Analysis

Date of Testing: 2024-05-21 13:48:44  
Date of Next Testing: 2026-05-21 13:48:44  
Product Name: **Sodium ferrocyanide decahydrate**  
CAS Number: 14434-22-1  
Specifications & Purity:  $\geq 99\%$   
Lot #: E2420404  
SKU #: **S305453**  
Version: **1**  
Analysis #: **360571**  
Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$ , Argon charged, Desiccated

Parameter	Limit Values	Result
Chloride (Cl <sup>-</sup> )	0-0.02 (%)	0.02 %
Assay(Redox Titration)	98.5-102.5 (%)	101.07 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.25 (%)	0.25 %
Appearance (S305453Form)	Powder or Crystal	Powder or Crystal
Appearance (S305453Color)	Yellow	Yellow
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager