

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-19 14:29:16
 Date of Next Testing: 2028-12-18 14:29:16
 Product Name: **Sodium Pentacyanoammineferroate(II) Hydrate**
 CAS Number: 14099-05-9
 Specifications & Purity: $\geq 95\%$ (T)
 Lot #: A2122292
 SKU #: **S161285**
 Version: **0**
 Analysis #: **452202**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Chelometric Titration)	94.5-105.5 (%)	105.40000 %
Water by Karl Fischer	12-25 (%)	24.90000 %
Appearance (S161285)	Light yellow to Amber to Dark green powder to crystal	Light yellow to Amber to Dark green powder to crystal
ICP: Confirms Fe Components	Confirmed	Confirmed
ICP: Confirms Sodium Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager