

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-02 11:46:37  
Date of Next Testing: 2026-12-01 11:46:37  
Product Name: **Potassium ferrocyanide trihydrate**  
CAS Number: 14459-95-1  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: K2224672  
SKU #: **P112421**  
**Analysis: 118764**  
Storage Temperature: Protected from light

| Parameter                               | Limit Values                       | Result                             |
|---|------------------------------------|------------------------------------|
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-100 (ppm)                        | 16.85 ppm                          |
| Chloride (Cl <sup>-</sup> )             | 0-100 (ppm)                        | 23.84 ppm                          |
| Purity                                  | 99-100 (%)                         | 99.97 %                            |
| Sodium(Na)                              | 0-0.02 (%)                         | 0.01 %                             |
| Insoluble matter in H <sub>2</sub> O    | 0-0.005 (%)                        | 0.00 %                             |
| Appearance (P112421)                    | White to yellow powder or crystals | White to yellow powder or crystals |
| X-Ray Diffraction                       | Conforms to Structure              | Conforms to Structure              |



John Su  
QA & QC Manager