

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-12 11:37:10  
Date of Next Testing: 2027-08-11 11:37:10  
Product Name: **Sodium hexanitrocobaltate(III)**  
CAS Number: 13600-98-1  
Specifications & Purity: Analytical Reagent  
Lot #: G2326169  
SKU #: **S110497**  
Analysis: **247968**

| Parameter                               | Limit Values                      | Result                            |
|---|-----------------------------------|-----------------------------------|
| Assay(Co)                               | $\geq 12(\%)$                     | 20.42 %                           |
| Insoluble matter in H <sub>2</sub> O    | 0-0.05 (%)                        | 0.00 %                            |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.02 (%)                        | 0.01 %                            |
| Appearance (S110497)                    | Orange to Very Dark Orange Powder | Orange to Very Dark Orange Powder |
| Sensitivity to potassium                | pass                              | Pass                              |
| X-Ray Diffraction                       | Conforms to Structure             | Conforms to Structure             |



John Su  
QA & QC Manager