

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-11 16:06:36  
 Date of Next Testing: 2029-09-10 16:06:36  
 Product Name: **Sodium hexanitrocobaltate(III)**  
 CAS Number: 13600-98-1  
 Specifications & Purity: AR  
 Lot #: I2510571  
 SKU #: **S110497**  
 Version: **2**  
 Analysis #: **564730**  
 Storage Temperature: Room temperature

| Parameter                               | Limit Values                      | Result                            |
|-----------------------------------------|-----------------------------------|-----------------------------------|
| Assay(Co)                               | $\geq 12(\%)$                     | 19.28000 %                        |
| Insoluble matter in H <sub>2</sub> O    | 0-0.05 (%)                        | 0.00000 %                         |
| Sulfate(SO <sub>4</sub> <sup>2-</sup> ) | 0-0.02 (%)                        | 0.00470 %                         |
| 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