

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-05 09:59:00  
 Date of Next Testing: 2027-12-05 09:59:00  
 Product Name: **Cobalt nitrate hexahydrate**  
 CAS Number: 10026-22-9  
 Specifications & Purity: PrimorTrace™, ≥99.99% metals basis  
 Lot #: L2403511  
 SKU #: **C112731**  
 Version: **0**  
 Analysis #: **437669**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                              | Limit Values                                      | Result                                            |
|----------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Water by Karl Fischer                  | 30-40 (%)                                         | 37.48380 %                                        |
| Co(Compleximetric EDTA)                | ≥18.5 (%)                                         | 19.74000 %                                        |
| Purity(Based On Trace Metals Analysis) | 99.99-100 (%)                                     | 99.99930 %                                        |
| Trace Metal Analysis                   | 0-100 (ppm)                                       | 7.00000 ppm                                       |
| Appearance (C112731)                   | Red to Brown Granules, Crystals, Powder or chunks | Red to Brown Granules, Crystals, Powder or chunks |
| ICP: Confirms Cobalt Component         | Confirmed                                         | Confirmed                                         |
| X-Ray Diffraction                      | Conforms to Structure                             | Conforms to Structure                             |



John Su  
QA & QC Manager