

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-10 15:23:09
Date of Next Testing: 2026-03-09 15:23:09
Product Name: **Cobalt nitrate hexahydrate**
CAS Number: 10026-22-9
Specifications & Purity: 99.99% metals basis
Lot #: C2302181
SKU #: **C112731**
Analysis: **183907**

| Parameter | Limit Values | Result |
|----------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(Based On Trace Metals Analysis) | 99.99-100 (%) | 100.00 % |
| Trace Metal Analysis | 0-100 (ppm) | 36.00 ppm |
| Water by Karl Fischer | 30-40 (%) | 37.46 % |
| Co(Complexiometric EDTA) | 18.1-18.7 (%) | 18.69 % |
| 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