

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-18 08:59:20
Date of Next Testing: 2029-11-17 08:59:20
Product Name: **Cobalt nitrate hexahydrate**
CAS Number: 10026-22-9
Specifications & Purity: AR, ≥99%
Lot #: K2511245
SKU #: **C112729**
Version: **1**
Analysis #: **610368**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|---|------------------------------------|------------------------------------|
| Nickel(Ni) | 0-0.05 (%) | 0.00360 % |
| Substances not precipitated by ammonium sulfide | 0-0.1 (%) | 0.00000 % |
| Iron(Fe) | 0-5 (ppm) | 0.00000 ppm |
| Manganese(Mn) | 0-0.005 (%) | 0.00000 % |
| Insoluble matter in H ₂ O | 0-0.005 (%) | 0.00000 % |
| Ammonia (NH ₄) | 0-0.2 (%) | 0.00100 % |
| Zinc(Zn) Manganese | 0-0.05 (%) | 0.00250 % |
| Sulfate(SO ₄ ²⁻) | 0-0.005 (%) | 0.00000 % |
| Copper(Cu) Manganese | 0-0.002 (%) | 0.00000 % |
| Assay | 99-100 (%) | 99.99010 % |
| Appearance (C112729) | Red to Brown | Red to Brown |
| | Granules,Crystals,Powder or chunks | Granules,Crystals,Powder or chunks |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager