

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-17 14:27:54  
Date of Next Testing: 2029-06-16 14:27:54  
Product Name: **Cobalt nitrate hexahydrate**  
CAS Number: 10026-22-9  
Specifications & Purity: AR, ≥99%  
Lot #: F2511582  
SKU #: **C112729**  
Version: **1**  
Analysis #: **531415**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Nickel(Ni)	0-0.05 (%)	0.00000 %
Substances not precipitated by ammonium sulfide	0-0.1 (%)	0.00000 %
Iron(Fe)	0-5 (ppm)	4.00000 ppm
Manganese(Mn)	0-0.005 (%)	0.00000 %
Insoluble matter in H2O	0-0.005 (%)	0.00000 %
Ammonia (NH4)	0-0.2 (%)	0.02000 %
Zinc(Zn) Manganese	0-0.05 (%)	0.00000 %
Sulfate(SO42-)	0-0.005 (%)	0.00000 %
Copper(Cu) Manganese	0-0.002 (%)	0.00000 %
Assay	99-100 (%)	99.99370 %
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