

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2025-06-17 13:45:53
Date of Next Testing:	2029-06-16 13:45:53
Product Name:	Cobalt nitrate hexahydrate
CAS Number:	10026-22-9
Specifications & Purity:	AR, ≥99%
Lot #:	F2511281
SKU #	C112729
Version	1
Analysis #:	528774
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Nickel(Ni)	0-0.05 (%)	0.02000 %
Substances not precipitated by ammonium sulfide	0-0.1 (%)	0.04800 %
Iron(Fe)	0-5 (ppm)	0.50000 ppm
Manganese(Mn)	0-0.005 (%)	0.00190 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00220 %
Ammonia (NH ₄)	0-0.2 (%)	0.03100 %
Zinc(Zn) Manganese	0-0.05 (%)	0.02500 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00300 %
Copper(Cu) Manganese	0-0.002 (%)	0.00100 %
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