

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2024-11-22 09:25:31  
Date of Next Testing: 2027-11-22 09:25:31  
Product Name: **Cobalt nitrate hexahydrate**  
CAS Number: 10026-22-9  
Specifications & Purity:  $\geq 99.9\%$  metals basis  
Lot #: K2420644  
SKU #: **C684774**  
Version: **1**  
Analysis #: **439712**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90100 %
Trace Metal Analysis	0-1000 (ppm)	990.00000 ppm
Water by Karl Fischer	30-40 (%)	39.19230 %
Complexometric EDTA (Co)	$\geq 18.5$ (%)	19.67000 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP: Confirms Cobalt Component	Confirmed	Confirmed
Appearance(C684774)	Red to Brown Granules,Crystals,Powder or chunks	Red to Brown Granules,Crystals,Powder or chunks



John Su  
QA & QC Manager