

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-18 16:05:54  
Date of Next Testing: 2027-09-17 16:05:54  
Product Name: **Cobalt(II) acetate tetrahydrate**  
CAS Number: 6147-53-1  
Specifications & Purity: 99.9% metals basis  
Lot #: I2315050  
SKU #: **C110803**  
Version: **0**  
Analysis #: **271914**

Parameter	Limit Values	Result
Total Metallic Impurities	0-2000 (ppm)	147.00 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.99%
Complexometric EDTA (Co)	22.3-24.8 (%)	23.86%
Water by Karl Fischer	26-29 (%)	28.96%
Appearance (C110803)	Pink to Red Powder, Granules and/or Chunks	Pink to Red Powder, Granules and/or Chunks
ICP: Confirms Cobalt Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager