

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-23 10:35:31
 Date of Next Testing: 2028-09-22 10:35:31
 Product Name: **Cobalt(II) acetate tetrahydrate**
 CAS Number: 6147-53-1
 Specifications & Purity: $\geq 99.5\%$
 Lot #: I2411325
 SKU #: **C110805**
 Version: **0**
 Analysis #: **414126**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-0.001 (%)	0.00010 %
Assay	99.5-100 (%)	99.99760 %
Phospate(PO ₄)	0-0.0025 (%)	0.00000 %
Co(Compleximetric EDTA)	22.4-24.8 (%)	23.38000 %
Calcium(Ca)	0-0.01 (%)	0.00130 %
Heavy metal (as Pb)	0-0.0005 (%)	0.00000 %
Ignition Residue (as sulfate)	0-0.035 (%)	0.00000 %
Insoluble matter in H ₂ O	0-0.01 (%)	0.00000 %
Chloride (Cl ⁻)	0-0.0025 (%)	0.00000 %
Appearance (C110805)	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



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager