

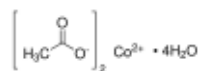
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Cobalt(II) acetate tetrahydrate - ACS reagent, ≥98.0%

Product Number: **403024**
CAS Number: 6147-53-1
MDL: MFCD00149569
Formula: C₄H₆CoO₄ · 4H₂O
Formula Weight: 249.08 g/mol



TEST	Specification
Appearance (Color)	Conforms to Requirements
Dark Pink to Red	
Appearance (Form)	Conforms to Requirements
Crystalline Powder or Granules	
Infrared spectrum	Conforms to Structure
Complexiometric EDTA	≥ 23.2 %
% Co	
Insoluble matter	≤ 0.01 %
Calcium (Ca)	≤ 0.005 %
Chloride Content	≤ 0.002 %
Copper (Cu)	≤ 0.002 %
Iron (Fe)	≤ 0.001 %
Potassium (K)	≤ 0.01 %
Magnesium (Mg)	≤ 0.005 %
Sodium (Na)	≤ 0.05 %
Nickel	≤ 0.1 %
Nitrate (NO ₃)	≤ 0.01 %
Lead (Pb)	≤ 0.001 %
Zinc (Zn)	≤ 0.01 %
Sulfate	≤ 0.005 %
Meets ACS Requirements	Current ACS Specification

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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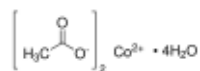
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Specification: PRD.2.ZQ5.10000031277

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