

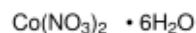
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## Product Specification

Product Name:  
Cobalt(II) nitrate hexahydrate – ACS reagent, ≥98%

Product Number: 239267  
CAS Number: 10026-22-9  
MDL: MFCD00149647  
Formula:  $\text{Co}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$   
Formula Weight: 291.03 g/mol



TEST	Specification
Appearance (Color)	Red to Very Dark Red and Red-Brown and Brown-Red
Appearance (Form)	Conforms to Requirements
Crystals, Powder, Chips, Chunks, or Solid	
X-Ray Diffraction	Conforms to Structure
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	≤ 0.15 %
Lead (Pb)	≤ 0.002 %
Sulfate	≤ 0.005 %
Zinc (Zn)	≤ 0.01 %
Complexometric EDTA	98.0 - 102.0 %
Meets ACS Requirements	Current ACS Specification

Specification: PRD.0.ZQ5.10000074694

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](http://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.