

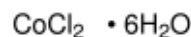
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Product Specification

Product Name:
Cobalt(II) chloride hexahydrate - ACS reagent, 98%

Product Number: 255599
CAS Number: 7791-13-1
MDL: MFCD00149652
Formula: Cl₂Co · 6H₂O
Formula Weight: 237.93 g/mol



TEST	Specification
Appearance (Color)	Red to Very Dark Red and Purple to Very Dark Purple
Appearance (Form)	Powder to Chunks
X-Ray Diffraction Pattern	Conforms to Structure
Complexometric EDTA	98.0 - 102.0 %
Insoluble matter	≤ 0.01 %
Concentration: 10% in Water	
Calcium (Ca)	≤ 0.005 %
Copper (Cu)	≤ 0.002 %
Iron (Fe)	≤ 0.005 %
Potassium (K)	≤ 0.01 %
Magnesium (Mg)	≤ 0.005 %
Sodium (Na)	≤ 0.05 %
Nickel (Ni)	≤ 0.1 %
Nitrate (NO ₃)	≤ 0.01 %
Sulfate (SO ₄)	≤ 0.01 %
Zinc (Zn)	≤ 0.03 %
Meets ACS Requirements 10th Edition	Current ACS Specification
Recommended Retest Period 3 Years	-----

Specification: PRD.2.ZQ5.10000004033

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.