

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

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## Certificate of Analysis

**Catalogue Number** 01441  
**Lot Number** 001785-2120214  
**Product** **Cobalt(II) chloride hexahydrate**

Cobaltous chloride hexahydrate

**CAS Number** 7791-13-1  
**Molecular Formula**  $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$   
**Molecular Weight** 237.93

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**Appearance** Purple crystalline powder  
**Solubility** 93 g in 100 mL Water @ 20 °C  
**Melting Point** 86 °C (Approx.)  
**Anion** Nitrate ( $\text{NO}_3^-$ ): < 0.001%  
Sulfate ( $\text{SO}_4^{2-}$ ): < 0.001%  
**Cation** Ammonium ( $\text{NH}_4$ ): Not detected  
Calcium (Ca): 0.0008%  
Copper (Cu): < 0.0001%  
Iron (Fe): < 0.0007%  
Magnesium (Mg): 0.0001%  
Nickel (Ni): < 0.0001%  
Potassium (K): 0.0001%  
Sodium (Na): 0.0002%  
Zinc (Zn): < 0.0001%

**Insoluble material** 0.001%  
**Assay by titration** 100.2%  
**Grade** ACS reagent  
**Application** Used as APHA color standard.  
**Storage** Store at RT

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**