

# *Chem-Impex International, Inc.*

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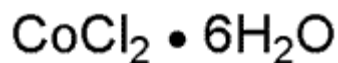
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



<b>Catalogue Number</b>	01441
<b>Product</b>	<b>Cobalt(II) chloride hexahydrate</b> Cobaltous chloride hexahydrate
<b>CAS Number</b>	7791-13-1
<b>Molecular Formula</b>	$\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$
<b>Molecular Weight</b>	237.93

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<b>Appearance</b>	Purple crystalline powder
<b>Solubility</b>	93 g in 100 mL Water @ 20 °C
<b>Melting Point</b>	86 °C (Approx.)
<b>Anion</b>	Nitrate ( $\text{NO}_3^-$ ): $\leq 0.01\%$ Sulfate ( $\text{SO}_4^{2-}$ ): $\leq 0.01\%$
<b>Cation</b>	Calcium (Ca): $\leq 0.005\%$ Copper (Cu): $\leq 0.002\%$ Iron (Fe): $\leq 0.005\%$ Magnesium (Mg): $\leq 0.005\%$ Nickel (Ni): $\leq 0.1\%$ Potassium (K): $\leq 0.01\%$ Sodium (Na): $\leq 0.05\%$ Zinc (Zn): $\leq 0.03\%$
<b>Insoluble material</b>	$\leq 0.01\%$
<b>Assay by titration</b>	98.0-102.0%
<b>Grade</b>	ACS reagent
<b>Application</b>	Used as APHA color standard.
<b>Storage</b>	Store at RT

# *Product Specifications*

Catalog Number: 01441

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**For Laboratory Use Only**