

# *Chem-Impex International, Inc.*

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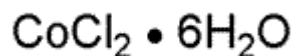
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*



<b>Catalogue Number</b>	35494
<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>	Red deliquescent crystals
<b>Heavy Metals</b>	$\leq 0.002\%$ (as Pb)
<b>Anion</b>	Sulphate ( $\text{SO}_4$ ) : $\leq 0.03\%$
<b>Cation</b>	Potassium (K) : $\leq 0.01\%$ Iron (Fe) : $\leq 0.01\%$ Nickel (Ni) : $\leq 0.2\%$ Sodium (Na) : $0.025\%$
<b>Assay</b>	98 - 102%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification : Test for Cobalt : Blue precipitate rapidly changes color, becoming olive green, but if boiled soon after it's formation, it becomes rose red. Substance not precipitated by Ammonium sulphide : $\leq 0.3\%$

**For Laboratory Use Only**