

CERTIFICATE OF ANALYSIS

Product Description COBALT CHLORIDE, HEXAHYDRATE
ACS REAGENT
COBALT(II) CHLORIDE
Product Number C350
Lot Number 11J0350005
Storage Temperature Room Temperature
Molecular Weight 237.84
Formula $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$
CAS Number 7791-13-1

Physiochemical Specifications:

TEST	SPECIFICATION	RESULTS
Solubility	Soluble in Water @ 1 mg/mL	Passes
pH	Under Development	5.49
Physical Appearance Color*	2078-30 to 2085-30, 2078-20 to 2083-20, or 2078-10	2078-10 Magenta
Texture	Fine Crystalline Powder to Crystals	Crystals
Solution Appearance Clarity Color	Clear Colorless to Slight Pink Tint	Clear Slight Pink Tint
Average Time to Dissolve	Within 1 min	Passes
Insolubles	None	Passes
Purity	Minimum 98.0%	98.47%

* Product color based upon comparisons between sample and standardized color wheel (Benjamin Moore® Color Preview™).

Biological Testing:

Test Concentration: 0.1 mg/L

TEST SPECIFICATION	PLANT CELL LINE	RESULTS
Supports and/or facilitates plant growth and/or shoot proliferation in two or more plant tissue cultured lines with no morphological aberrations to plants	Begonia	Passes
	Tobacco callus	Passes

The material described in this certificate is synthetic. No animal- or plant-derived components were used in the manufacture of this product.

PhytoTechnology Laboratories® provides the above information intended to be used only as a guide to the appropriate handling of this material by a properly trained person. PhytoTechnology Laboratories® shall not be held liable for any damage resulting from handling or from contact with the above product. This product is intended for LABORATORY USE ONLY. Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticidal products, food additives or as household chemicals.

Recommended Shelf Life Date: September 2019



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Created on 1 December 2011 CC