



Version	00
Molecular weight	249.08
Molecular Formula	C ₄ H ₆ CoO ₄ · 4 H ₂ O
CAS No	6147-53-1
Linear Formula	(CH ₃ CO ₂) ₂ Co.4H ₂ O
Flash Point (°C)	

Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	19710	Quality Test / Release Date	09/07/2023
Lot Number	A0456089	Suggested retest date	09/07/2028
Description	Cobalt(II) acetate tetrahydrate,98-102%,ACS reagent		
Country of Origin	INDIA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	Pink to red	Pink
Appearance (Form)	Crystalline powder or granules	Crystalline powder
Titration Complexometric	98.0 to 102.0 %	99.3 %
Insoluble matter	=<0.01 %	=<0.01 %
Chloride (Cl)	=<0.002 %	=<0.002 %
Nitrate (NO ₃)	=<0.01 %	0.0099 %
Sulfate (SO ₄)	=<0.005 %	0.0044 %
Calcium (Ca)	=<0.005 %	0.00079 %
Copper (Cu)	=<0.002 %	none detected
Iron (Fe)	=<0.001 %	none detected
Lead (Pb)	=<0.001 %	none detected
Magnesium (Mg)	=<0.005 %	0.0013
Nickel (Ni)	=<0.1 %	0.0057
Potassium (K)	=<0.01 %	0.00001
Sodium (Na)	=<0.05 %	none detected
Zinc (Zn)	=<0.01 %	0.0007 %

C. Wygaerts, QA Manager

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Acros Organics BV
ENA23, zone1, nr 1350, Janssen Pharmaceuticaaan 3a, B-2440 Geel, Belgium
Tel +32 14/57.52.11 - Fax+32 14/59.34.34 Internet: <https://www.thermofisher.com>
1 Reagent Lane, Fair Lawn, NJ 07410, USA Fax 201-796-1329