



Version	00
Molecular weight	249.08
Molecular Formula	C <sub>4</sub> H <sub>6</sub> Co O <sub>4</sub> . 4 H <sub>2</sub> O
CAS No	6147-53-1
Linear Formula	(CH <sub>3</sub> CO <sub>2</sub> ) <sub>2</sub> Co.4H <sub>2</sub> 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.

<b>Catalog Number</b>	19710	<b>Quality Test / Release Date</b>	11/13/2023
<b>Lot Number</b>	A0457768	<b>Suggested retest date</b>	11/13/2028
<b>Description</b>	Cobalt(II) acetate tetrahydrate, 98-102%, ACS reagent		
<b>Country of Origin</b>	INDIA		
<b>Declaration of Origin</b>	synthetic		

<b>BSE/TSE</b>	
<b>Chemical</b>	

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 <sub>3</sub> )	≤0.01 %	0.009 %
Sulfate (SO <sub>4</sub> )	≤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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