

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : COBALT (II) CHLORIDE (HEXAHYDRATE) AR**

<b>CAS No</b> : 7791-13-1	<b>Product code</b> : 22590
<b>Mol. Formula</b> : CoCl <sub>2</sub> .6H <sub>2</sub> O	<b>Batch No.</b> : MCAR-01704
<b>Mol. WT</b> : 237.93	<b>Mfd.</b> : June 2025
<b>Date of analysis</b> : 10/06/25	<b>Exp.</b> : May 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	Deep red crystals or crystalline Powder.	Deep red crystals.
2	<b>Assay</b>	99.0 % w/w min	99.72% w/w
3	<b>pH( 5% aq. Solution)</b>	NLT 3.0	3.16
4	<b>Insoluble matter</b>	0.003 % max	0.002 %
5	<b>Nitrogen compounds(N)</b>	0.003 % max	<0.003 %
6	<b>Sulphate (SO<sub>4</sub>)</b>	0.005 % max	<0.005 %
7	<b>Calcium (Ca)</b>	0.005 % max	<0.005 %
8	<b>Copper (Cu)</b>	0.001 % max	<0.001 %
9	<b>Iron (Fe)</b>	0.003 % max	<0.003 %
10	<b>Lead (Pb)</b>	0.002 % max	<0.002 %
11	<b>Magnesium (Mg)</b>	0.002 % max	<0.002 %
12	<b>Manganese (Mn)</b>	0.003 % max	<0.003 %
13	<b>Nickel (Ni)</b>	0.01 % max	<0.01 %
14	<b>Potassium (K)</b>	0.005 % max	<0.005 %
15	<b>Sodium (Na)</b>	0.01 % max	<0.01 %
16	<b>Zinc (Zn)</b>	0.002 % max	<0.002 %

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Durvas)**



**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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