

## 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-00353
<b>Mol. WT</b>	: 237.93	<b>Mfd.</b>	: July 2024
<b>Date of analysis</b>	: 05/07/24	<b>Exp.</b>	: June 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	Deep red crystals or crystalline Powder.	Deep red crystalline Powder.
2	<b>Assay</b>	99.0 % w/w min	99.85 % w/w
3	<b>pH( 5% aq. Solution)</b>	NLT 3.0	5.72
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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