



## CERTIFICATE OF ANALYSIS

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

<b>CAS No</b>	<b>: 7791-13-1</b>	<b>Product code</b>	<b>: 22590</b>
<b>Mol. Formula</b>	<b>: CoCl<sub>2</sub>.6H<sub>2</sub>O</b>	<b>Batch No.</b>	<b>: MCRT-29160</b>
<b>Mol. WT</b>	<b>: 237.93</b>	<b>Mfd.</b>	<b>: Aug. 2023</b>
<b>Date of analysis</b>	<b>: 26/08/23</b>	<b>Exp.</b>	<b>: July 2028</b>

S.R	Test	Specification	Observation
1	Description	Deep red crystals or crystalline Powder.	Deep red crystalline powder.
2	Assay	99.0 % w/w min	99.25 % w/w
3	pH( 5% aq. Solution)	NLT 3.0	3.86
4	Insoluble matter	0.003 % max	0.002 %
5	Nitrogen compounds(N)	0.003 % max	<0.003 %
6	Sulphate (SO <sub>4</sub> )	0.005 % max	<0.005 %
7	Calcium (Ca)	0.005 % max	<0.005 %
8	Copper (Cu)	0.001 % max	<0.001 %
9	Iron (Fe)	0.003 % max	<0.003 %
10	Lead (Pb)	0.002 % max	<0.002 %
11	Magnesium (Mg)	0.002 % max	<0.002 %
12	Manganese (Mn)	0.003 % max	<0.003 %
13	Nickel (Ni)	0.01 % max	<0.01 %
14	Potassium (K)	0.005 % max	<0.005 %
15	Sodium (Na)	0.01 % max	<0.01 %
16	Zinc (Zn)	0.002 % max	<0.002 %

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

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Sonu)**

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

**Note:** Computer generated image requires no sign.

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