



CERTIFICATE OF ANALYSIS

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

CAS No	: 7791-13-1	Product code	: 22590
Mol. Formula	: CoCl₂.6H₂O	Batch No.	: MCRT-30514
Mol. WT	: 237.93	Mfd.	: March 2024
Date of analysis	: 02/03/24	Exp.	: Feb. 2029

S.R	Test	Specification	Observation
1	Description	Deep red crystals or crystalline Powder.	Deep red crystals.
2	Assay	99.0 % w/w min	99.14% w/w
3	pH(5% aq. Solution)	NLT 3.0	4.68
4	Insoluble matter	0.003 % max	0.001%
5	Nitrogen compounds(N)	0.003 % max	<0.003 %
6	Sulphate (SO ₄)	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
(Ruchi)**

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

Note: Computer generated image requires no sign.

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