

CERTIFICATE OF ANALYSIS

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

CAS No : 7791-13-1	Product code : 22590
Mol. Formula : CoCl ₂ .6H ₂ O	Batch No. : MCAR-01105
Mol. WT : 237.93	Mfd. : Jan. 2025
Date of analysis : 15/01/25	Exp. : Dec. 2029

S.R	Test	Specification	Observation
1	Description	Deep red crystals or crystalline Powder.	Deep red crystals.
2	Assay	99.0 % w/w min	99.51% w/w
3	pH(5% aq. Solution)	NLT 3.0	6.04
4	Insoluble matter	0.003 % max	0.002 %
5	Nitrogen compounds(N)	0.003 % max	<0.003 %
6	Sulphate (SO₄)	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]



**CHEMIST
(Deepa)**



[QC Incharge]



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.