



## CERTIFICATE OF ANALYSIS

Product Name : COBALT (II) CHLORIDE HEXAHYDRATE 98% AR/ACS  
Lot No. : B368822105 Analyzed On : 24-May-2021  
Mol. Formula : CoCl<sub>2</sub>.6H<sub>2</sub>O Mol. Weight : 237.93  
Code No. : 02893 CAS No. : 7791-13-1  
Mfg. Date : May-2021 Exp. Date : Apr-2026  
HAZ. / P.G. : 9 / III UN No. : 3077

Sr.	Tests	Specifications	Results
1	Appearance	Deep red crystals	Deep red crystals
2	Assay	98 - 102%	98.06%
3	Insoluble matter	Max 0.01%	0.01%
4	Nitrate (NO <sub>3</sub> )	Max 0.01%	0.0098%
5	Sulphate (SO <sub>4</sub> )	Max 0.01%	0.0082%
6	Calcium (Ca)	Max 0.005%	0.0031%
7	Copper (Cu)	Max 0.002%	0.0004%
8	Iron (Fe)	Max 0.005%	0.00048%
9	Magnesium (Mg)	Max 0.005%	0.0015%
10	Nickel (Ni)	Max 0.01%	0.0065%
11	Potassium (K)	Max 0.01%	0.00012%
12	Sodium (Na)	Max 0.05%	0.0048%
13	Zinc (Zn)	Max 0.03%	0.0008%

**CONCLUSION** -This above product complies as per the specifications of **LOBA CHEMIE PVT. LTD.**

Shashikant Gaikwad  
QC Manager

**LOBA CHEMIE PVT. LTD.**

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