

Department: Quality Control      Document No: LCPL/QSD/QAD/11      SOP No.: DB/SOP/QC/11-C044

**SPECIFICATION : COBALT(II) CHLORIDE HEXAHYDRATE LR**

Issue date	26/03/2018	Review date	25/03/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 1

**PRODUCT DETAILS**

1	Molecular Formula	CoCl <sub>2</sub> · 6H <sub>2</sub> O
2	Product code	C044
3	Molecular weight	237.93
4	CAS No	7791-13-1
5	Risk Statement No	49-60-22-42/43-50/53-68
6	Safety Statement No	53-45-60-61
7	UN No.	UN3077



**PACKING DETAILS**

	Product code	Pack size
1	C04407	100g
2	C04410	500g
3	C04413	5Kg

**PRODUCT SPECIFICATION**

**SL. No.      TEST PARAMETERS**

1	Description
2	Clarity
3	Assay
4	Sulphate (SO <sub>4</sub> )
5	Heavy metals (as Pb)
6	Iron (Fe)
7	Nickel (N)
8	Sodium (Na)
9	Potassium (K)
10	Substanced not precipitated by ammonium sulphide

**LIMITS**

Pink to red deliquescent prismatic crystals.
10% solution in water is bright and clear.
Not less than 98.0%
Not more then 0.03%
Not more than 0.002%
Not more than 0.01%
Not more than 0.2%
Not more than 0.025%
Not more than 0.01%
Not more than 0.3%

**SAFETY SYMBOLS**



Harmful /  
Irritant



Dangerous for  
the environment



Health hazard