



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : COBALT (II) NITRATE LR (HEXAHYDRATE)**

**CAS No : 10026-22-9**                      **Product code : 13700**  
**Mol. Formula :  $\text{Co}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$**                       **Batch No : MCR-20101**  
**Mol. WT : 291.03**                                      **Mfd. : Nov. 2019**  
**Date of analysis : 14/11/19**                                      **Exp. : Oct. 2024**

S.R	Test	Specification	Observation
1	<b>Description</b>	Red deliquescent crystals.	Red deliquescent crystals.
2	<b>Assay(ex Co)</b>	97-101%	99.07%
3	<b>Chloride (Cl)</b>	0.005 % max	< 0.005 %
4	<b>Sulphate(SO<sub>4</sub>)</b>	0.03 % max	< 0.03 %
5	<b>Iron (Fe)</b>	0.03 % max	< 0.03 %
6	<b>Nickel (Ni)</b>	0.1 % max	< 0.1 %
7	<b>Potassium (K)</b>	0.01 % max	< 0.01 %
8	<b>Sodium (Na)</b>	0.1% max	<0.1%

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

**[Tested By]**

**[QC Incharge]**

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

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

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