



CERTIFICATE OF ANALYSIS

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

CAS No	: 10026-22-9	Product code	: 22700
Mol. Formula	: Co(NO₃)₂.6H₂O	Batch No.	: MCRT-29133
Mol. WT	: 291.03	Mfd.	: Aug. 2023
Date of analysis	: 23/08/23	Exp.	: July 2028

S.R	Test	Specification	Observation
1	Description	Red deliquescent crystals.	Red deliquescent crystals.
2	Assay	99.0% min.	99.56%
3	pH (5% aq.solution)	2.5 – 5.5	3.53
4	Insoluble matter	0.003% max.	0.001%
5	Chloride (Cl)	0.001% max.	<0.001%
6	Sulphate (SO₄)	0.005% max.	<0.005%
7	Ammonium (NH₄)	0.1% max.	<0.1%
8	Calcium (Ca)	0.005% max.	<0.005%
9	Copper (Cu)	0.001% max.	<0.001%
10	Iron (Fe)	0.002% max.	<0.002%
11	Lead (Pb)	0.001% max.	<0.001%
12	Manganese (Mn)	0.002% max.	<0.002%
13	Nickel (Ni)	0.01% max.	<0.01%
14	Potassium (K)	0.003% max.	<0.003%
15	Zinc (Zn)	0.005% max.	<0.005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Priyanka)**

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

Note: Computer generated image requires no sign.

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