

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CUPRIC NITRATE (TRIHYDRATE) AR

CAS No	: 10031-43-3	Product code	: 22810
Mol. Formula	: $\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$	Batch No.	: MCRT-30411
Mol. WT	: 241.60	Mfd.	: Feb. 2024
Date of analysis	: 16/02/24	Exp.	: Jan. 2029

S.R	Test	Specification	Observation
1	Description	Blue crystals or crystalline powder.	Blue crystalline powder.
2	Assay (by iodometry)	99.5% min.	99.59%
3	pH (5% solution)	2.8 – 4.0	3.35
4	Water-insoluble matter	0.003% max	0.001%
5	Chloride (Cl)	0.001% max	<0.001%
6	Sulphate (SO₄)	0.0025% max	<0.0025%
7	Lead (Pb)	0.001% max	<0.001%
8	Nickel (Ni)	0.002% max	<0.002%
9	Iron (Fe)	0.005% max	<0.005%
10	Zinc (Zn)	0.001% max	<0.001%
11	Calcium (Ca)	0.002% max	<0.002%
12	Magnesium (Mg)	0.002% max	<0.002%
13	Sodium (Na)	0.01% max	<0.01%
14	Potassium (K)	0.01% max	<0.01%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Durvas)**

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

Note: Computer generated image requires no sign.

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