

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CUPRIC NITRATE (TRIHYDRATE) AR

CAS No	: 10031-43-3	Product code	: 22810
Mol. Formula	: Cu(NO ₃) ₂ .3H ₂ O	Batch No.	: MCAR-00800
Mol. WT	: 241.60	Mfd.	: Nov. 2024
Date of analysis	: 09/11/24	Exp.	: Oct. 2029

S.R	Test	Specification	Observation
1	Description	Blue crystals or crystalline powder.	Blue crystalline powder.
2	Assay (by iodometry)	99.5% min.	99.60%
3	pH (5% solution)	2.8 – 4.0	3.54
4	Water-insoluble matter	0.003% max	0.002%
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]



**CHEMIST
(Shrutti)**

[QC Incharge]



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

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