



CERTIFICATE OF ANALYSIS

PRODUCT NAME : CUPRIC NITRATE AR (TRIHYDRATE)

CAS No : 10031-43-3
Mol. Formula : $\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$
Mol. WT : 241.60
Date of analysis : 14/04/22

Product code : 22810
Batch No. : MCRT-25469
Mfd. : April 2022
Exp. : March 2027

S. R	Test	Specification	Observation
1	Description	Blue crystals or crystalline powder.	Blue crystalline powder.
2	Assay (by iodometry)	99.5% min.	99.94%
3	pH (5% solution)	2.8 – 4.0	3.40
4	Water-insoluble matter	0.003% max	0.002%
5	Chloride (Cl)	0.001% max	<0.001%
6	Sulphate (SO ₄)	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]

[Q.C Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**