

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CUPRIC SULPHATE (PENTAHYDRATE) AR

CAS No	: 7758-99-8	Product code	: 22800
Mol. Formula	: $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	Batch No.	: MCAR-00562
Mol. WT	: 249.68	Mfd.	: Sept. 2024
Date of analysis	: 05/09/24	Exp.	: Aug. 2029

S.R	Test	Specification	Observation
1	Description	Blue crystals or crystalline powder.	Blue crystalline powder.
2	Assay (by iodometric)	99.5% min	99.54%
3	pH (5% aq. solution)	Not less than 3.8	3.85
4	Water-insoluble matter	0.003% max	0.002%
5	Chloride (Cl)	0.0005% max	<0.0005%
6	Nitrogen compound (N)	0.002% max	<0.002%
7	Arsenic(As)	0.0005% max	<0.0005%
8	Calcium (Ca)	0.01% max	<0.01%
9	Iron (Fe)	0.005% max	<0.005%
10	Lead (Pb)	0.005% max	<0.005%
11	Nickel (Ni)	0.01% max	<0.01%
12	Potassium (K)	0.001% max	<0.001%
13	Sodium (Na)	0.005% max	<0.005%
14	Zinc (Zn)	0.05% max	<0.05%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]



**CHEMIST
(Sayali)**



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

MOLYCHEM H.Q.: Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.