

CERTIFICATE OF ANALYSIS

PRODUCT NAME : CUPRIC SULPHATE (PENTAHYDRATE) AR

CAS No	: 7758-99-8	Product code	: 22800
Mol. Formula	: CuSO ₄ .5H ₂ O	Batch No.	: MCAR-01379
Mol. WT	: 249.68	Mfd.	: March 2025
Date of analysis	: 22/03/25	Exp.	: Feb. 2030

S.R	Test	Specification	Observation
1	Description	Blue crystals or crystalline powder.	Blue crystalline powder.
2	Assay (by iodometric)	99.5% min	99.68%
3	pH (5% aq. solution)	Not less than 3.8	3.82
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]



**CHEMIST
(Shruti)**



[QC Incharge]



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

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