



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : CUPRIC SULPHATE (PENTAHYDRATE) AR**

<b>CAS No</b>	<b>: 7758-99-8</b>	<b>Product code</b>	<b>: 22800</b>
<b>Mol. Formula</b>	<b>: CuSO<sub>4</sub>.5H<sub>2</sub>O</b>	<b>Batch No.</b>	<b>: MCRT-28690</b>
<b>Mol. WT</b>	<b>: 249.68</b>	<b>Mfd.</b>	<b>: July 2023</b>
<b>Date of analysis</b>	<b>: 05/07/23</b>	<b>Exp.</b>	<b>: June 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	Blue crystals or crystalline powder.	Blue crystalline powder.
2	<b>Assay (by iodometric)</b>	99.5% min	99.80%
3	<b>pH (5% aq. solution)</b>	Not less than 3.8	3.86
4	<b>Water-insoluble matter</b>	0.003% max	0.001%
5	<b>Chloride (Cl)</b>	0.0005% max	<0.0005%
6	<b>Nitrogen compound (N)</b>	0.002% max	<0.002%
7	<b>Arsenic(As)</b>	0.0005% max	<0.0005%
8	<b>Calcium (Ca)</b>	0.01% max	<0.01%
9	<b>Iron (Fe)</b>	0.005% max	<0.005%
10	<b>Lead (Pb)</b>	0.005% max	<0.005%
11	<b>Nickel (Ni)</b>	0.01% max	<0.01%
12	<b>Potassium (K)</b>	0.001% max	<0.001%
13	<b>Sodium (Na)</b>	0.005% max	<0.005%
14	<b>Zinc (Zn)</b>	0.05% max	<0.05%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST**  
**(Nikita)**

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

**Note:** Computer generated image requires no sign.

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