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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : Copper (II) Sulphate 5H<sub>2</sub>O AR  
**Batch No.** : 227325  
**Date of Mfg.** : Feb 2024  
**Date of Exp** : Jan 2029  
**Register No.** : 2024-25  
**Qty of Sample** : 500 gm  
**Date of Analysis** : Feb 2024

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Blue Crystalline Powder
2.	Assay	99.52% CuSO <sub>4</sub> .5H <sub>2</sub> O	Min.99.5%
3.	Water-insoluble matter	0.0002%	Max.0.003%
4.	Chloride	<0.0005%	Max.0.0005%
5.	Nitrogen Compounds	<0.002%	Max.0.002%
6.	Arsenic	<0.0001%	Max.0.0001%
7.	Calcium	<0.001%	Max.0.001%
8.	Iron	<0.005%	Max.0.005%
9.	Lead	<0.005%	Max.0.005%
10.	Magnesium	<0.001%	Max.0.001%
11.	Nickel	<0.002%	Max.0.002%
12.	Potassium	<0.001%	Max.0.001%
13.	Sodium	<0.005%	Max.0.005%
14.	Zinc	<0.002%	Max.0.002%

**Chief Chemist**