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### CERTIFICATE OF ANALYSIS

**Name of the Sample** : **Copper (II) Nitrate 3H<sub>2</sub>O AR**  
**Batch No** : **228525**  
**Date of Mfg.** : **April 2025**  
**Date of Exp** : **March 2030**  
**Register No** : **2025-26**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **April 2025**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Dark Blue Hygroscopic crystalline powder
2.	Assay	99.52%	Min.99.5%
3.	pH (5% Solution)	3.40	2.8 – 4.0
4.	Water insoluble matter	0.0015%	Max.0.003%
5.	Chloride	0.0002%	Max.0.001%
6.	Sulphate	0.001%	Max.0.0025%
7.	Iron	0.005%	Max.0.005%
8.	Lead	0.0002%	Max.0.001%
9.	Potassium	0.0012%	Max.0.005%
10.	Sodium	0.0018%	Max.0.005%

**Chief Chemist**