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CERTIFICATE OF ANALYSIS

Name of the Sample : **Copper (II) Nitrate 3H₂O AR**
Batch No. : **227467**
Date of Mfg. : **March 2024**
Date of Exp. : **Feb 2029**
Register No. : **2024-25**
Qty of Sample : **500gm**
Date of Analysis : **March 2024**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Dark Blue Hygroscopic crystalline powder
2.	Assay	99.75%	Min.99.5%
3.	pH (5% Solution)	3.42	2.8 – 4.0
4.	Water insoluble matter	0.0025%	Max.0.003%
5.	Chloride	0.0005%	Max.0.001%
6.	Sulphate	0.0001%	Max.0.0025%
7.	Iron	0.001%	Max.0.005%
8.	Lead	0.0004%	Max.0.001%
9.	Potassium	0.0028%	Max.0.005%
10.	Sodium	0.0035%	Max.0.005%

Chief Chemist