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CERTIFICATE OF ANALYSIS

Name of the Sample : Copper (II) Nitrate 3H₂O AR
Batch No. : 224642
Date of Mfg : May 2021
Date of Expiry : April 2026
Register No. : 2021-22
Qty of Sample : 500gm
Date of Analysis : May 2021

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Dark Blue Hygroscopic crystalline powder
2.	Assay	99.58%	Min.99.5%
3.	pH (5% Solution)	3.54	2.8 – 4.0
4.	Water insoluble matter	0.0025%	Max.0.003%
5.	Chloride	0.0004%	Max.0.001%
6.	Sulphate	0.0001%	Max.0.0025%
7.	Iron	0.003%	Max.0.005%
8.	Lead	0.0001%	Max.0.001%
9.	Potassium	0.002%	Max.0.005%
10.	Sodium	0.002%	Max.0.005%

Chief Chemist