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Certificate of Analysis

Product **46704 - Cupric Nitrate Trihydrate ACS, 99.5% - [10031-43-3]**
Batch No **2309122**
Analysis Date 30-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2029
Molecular Formula $\text{Cu}(\text{NO}_3)_2 \cdot 3\text{H}_2\text{O}$
Molecular Weight 241.60

Test Parameters	Standards	Actual Results
Appearance (Colour)	Blue	Blue
Appearance (Form)	Hygroscopic compound	Hygroscopic compound
Assay (Iodometric)	min. 99.5%	99.8%
Insoluble matter	max. 0.01%	0.005%
Chloride (Cl)	max. 0.002%	Passes
Sulphate (SO ₄)	max. 0.01%	Passes
Iron (Fe)	max. 0.005%	Passes
Heavy Metals (Pb)	max. 0.001%	Passes
Calcium (Ca)	max. 0.005%	Passes
Potassium (K)	max. 0.005%	Passes
Sodium (Na)	max. 0.01%	Passes
Nickel (Ni)	max. 0.01%	Passes

FRM/82/11/4/46704 Rev No. 3 Date 23/04/2024

Prepared by Jayesh

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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