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Certificate of Analysis

Product	61298 - Cupric Sulphate Pentahydrate extrapure AR, 99.5% - [7758-99-8]
Batch No	1343935
Analysis Date	02-May-2024
Date of Manufacture	May 2024
Expiry Date/Re-Test Date	May 2029
Molecular Formula	CuSO ₄ .5H ₂ O
Molecular Weight	249.68

Test Parameters	Standards	Actual Results
Appearance (Colour)	Blue	Blue
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Blue	Blue
Assay (Iodometric)	min. 99.5%	99.6%
pH (5% aq. solution)	3.8 - 4.5	3.9
Chloride (Cl)	max. 0.0005%	Passes
Iron (Fe)	max. 0.005%	Passes
Heavy Metals (Pb)	max. 0.005%	Passes
Sodium (Na)	max. 0.005%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes

FRM/82/11/4/61298 Rev No. 2 Date 04/07/2022

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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