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Certificate of Analysis

| | |
|---------------------------------|--|
| Product | 61103 - Cupric Sulphate Anhydrous extrapure AR, 99% - [7758-98-7] |
| Batch No | 6560859 |
| Analysis Date | 05-May-2024 |
| Date of Manufacture | May 2024 |
| Expiry Date/Re-Test Date | May 2029 |
| Molecular Formula | CuSO ₄ |
| Molecular Weight | 159.61 |

| Test Parameters | Standards | Actual Results |
|---|------------------------|----------------|
| Appearance (Colour) | Off-white to Pale Grey | Pale Grey |
| Appearance (Form) | Powder | Powder |
| Solubility (Turbidity) 10% aq. solution | Clear | Clear |
| pH (5% aq. solution) | 3.5 - 4.5 | 3.7 |
| Assay (Iodometric) | min.99.0% | 99.3% |
| Loss on drying | max.1% | 0.9% |
| Water Insoluble matter | max.0.005% | 0.002% |
| Chloride (Cl) | max.0.01% | Passes |
| Iron (Fe) | max.0.01% | Passes |
| Lead (Pb) | max.0.01% | Passes |
| Arsenic (As) | max.0.0005% | Passes |
| Calcium (Ca) | max.0.005% | Passes |
| Magnesium (Mg) | max.0.005% | Passes |
| Nickel (Ni) | max.0.002% | Passes |
| Potassium (K) | max.0.002% | Passes |
| Sodium (Na) | max.0.005% | Passes |
| Zinc (Zn) | max.0.002% | Passes |

FRM/82/11/4/61103 Rev No. 1 Date 05/10/2023

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

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

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