

## Certificate of Analysis

Date of Testing: 2023-01-09 13:54:57

Date of Next Testing: 2027-01-08 13:54:57

Product Name: **Copper sulfate pentahydrate**

CAS Number: 7758-99-8

Specifications & Purity: 99.99% metals basis

Lot #: A2304368

SKU #: **C112401**

**Analysis:** **154965**

Storage Temperature: Argon charged

| Parameter                                                           | Limit Values                      | Result                            |
|---------------------------------------------------------------------|-----------------------------------|-----------------------------------|
| Purity(Based on Trace Metals Impurities of ICP)                     | 99.99-100 (%)                     | 100.00 %                          |
| Total Metallic Impuritie                                            | 0-200 (ppm)                       | 28.00 ppm                         |
| Drying Loss(250°C,2h)                                               | 30-40 (%)                         | 34.82 %                           |
| Purity(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) | 97-103 (%)                        | 98.73 %                           |
| Appearance (C112401)                                                | Blue Crystals,Solid and/or Chunks | Blue Crystals,Solid and/or Chunks |
| ICP: Confirms Cu and S Components                                   | Confirmed                         | Confirmed                         |
| X-Ray Diffraction                                                   | Conforms to Structure             | Conforms to Structure             |



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