

## Certificate of Analysis

Date of Testing: 2025-06-25 17:02:54

Date of Next Testing: 2029-06-24 17:02:54

Product Name: **Copper sulfate pentahydrate**

CAS Number: 7758-99-8

Specifications & Purity:  $\geq 99.9\%$  metals basis

Lot #: F2524152

SKU #: **C141450**

Version: **0**

**Analysis #:** **534362**

Storage Temperature: Argon charged

| Parameter                                                           | Limit Values                      | Result                            |
|---------------------------------------------------------------------|-----------------------------------|-----------------------------------|
| Drying Loss(250°C,2h)                                               | 30-40 (%)                         | 35.79 %                           |
| Purity(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) | 97-103 (%)                        | 100.99 %                          |
| Total Metallic Impuritie                                            | 0-1000 (ppm)                      | 99.00 ppm                         |
| Purity(Based On Trace Metals Analysis)                              | 99.9-100 (%)                      | 99.99 %                           |
| Appearance (C141450)                                                | 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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