

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-04-22 08:38:37

Date of Next Testing: 2026-04-21 08:38:37

Product Name: **Copper sulfate pentahydrate**

CAS Number: 7758-99-8

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: D2218014

SKU #: **C112401**

Version: **0**

Analysis #: **082237**

Storage Temperature: Room temperature, Argon charged

| Parameter                                       | Limit Values                      | Result                            |
|-------------------------------------------------|-----------------------------------|-----------------------------------|
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)                     | 99.99730 %                        |
| Total Metallic Impuritie                        | 0-200 (ppm)                       | 27.00000 ppm                      |
| Drying Loss(250°C,2h)                           | 30-40 (%)                         | 35.56000 %                        |
| Purity(Titration by Na2S2O3)                    | 97-103 (%)                        | 100.35000 %                       |
| 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             |



John Su  
QA & QC Manager