

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-25 18:19:01  
Date of Next Testing: 2027-04-24 18:19:01  
Product Name: **Copper(II) chloride**  
CAS Number: 7447-39-4  
Specifications & Purity: 99.99% metals basis  
Lot #: D23111157  
SKU #: **C106775**  
Analysis: **153030**

| Parameter                                       | Limit Values              | Result                    |
|---|---------------------------|---------------------------|
| Water by Karl Fischer                           | 0-0.75 (%)                | 0.00 %                    |
| Complexometric EDTA (% Cu)                      | 46.5-48 (%)               | 47.29 %                   |
| Total Metallic Impuritie                        | 0-200 (ppm)               | 156.00 ppm                |
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)             | 99.99 %                   |
| Appearance (C106775)                            | Olive-Tan to Brown Powder | Olive-Tan to Brown Powder |
| ICP: Confirms Cu Components                     | Confirmed                 | Confirmed                 |
| X-Ray Diffraction                               | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager