

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-03-27 13:59:37  
Date of Next Testing: 2028-03-26 13:59:37  
Product Name: **Copper nitrate hydrate**  
CAS Number: 13778-31-9  
Specifications & Purity: 99.9% metals basis  
Lot #: C2425209  
SKU #: **C573553**  
**Analysis:** **329733**  
Storage Temperature: Store at 2-8°C, Desiccated

| Parameter                                       | Limit Values          | Result                |
|-------------------------------------------------|-----------------------|-----------------------|
| Purity(Based on Trace Metals Impurities of ICP) | 99.9-100 (%)          | 99.97960 %            |
| Total Metallic Impuritie                        | 0-1000 (ppm)          | 204.00000 ppm         |
| Complexometric EDTA (Cu)                        | 26.5-27.7 (%)         | 26.74000 %            |
| Appearance(C573553)                             | Blue Crystals         | Blue Crystals         |
| ICP: Confirms Copper Component                  | Conforms              | Conforms              |
| X-Ray Diffraction                               | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager