

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-29 09:21:11  
Date of Next Testing: 2026-06-28 09:21:11  
Product Name: **Copper nitrate trihydrate**  
CAS Number: 10031-43-3  
Specifications & Purity: Analytical Reagent  
Lot #: F2217271  
SKU #: **C298895**  
Analysis: **107183**

| Parameter               | Limit Values                      | Result                            |
|-------------------------|-----------------------------------|-----------------------------------|
| Calcium(Ca)             | 0-0.005 (%)                       | 0.00%                             |
| Lead(Pb)                | 0-0.001 (%)                       | 0.00%                             |
| Nickel(Ni)              | 0-0.01 (%)                        | 0.01%                             |
| Insoluble matter in H2O | 0-0.002 (%)                       | 0.00%                             |
| Sulfate(SO42-)          | 0-0.005 (%)                       | 0.00%                             |
| Potassium(K)            | 0-0.005 (%)                       | 0.00%                             |
| PH (5%, water) 25 ° C   | 3-4                               | 3.50                              |
| Assay                   | 99-102 (%)                        | 99.97%                            |
| Sodium(Na)              | 0-0.01 (%)                        | 0.01%                             |
| Iron(Fe)                | 0-0.002 (%)                       | 0.00%                             |
| Chloride (Cl-)          | 0-0.001 (%)                       | 0.00%                             |
| Appearance (C298895)    | Blue to dark blue powder or solid | Blue to dark blue powder or solid |
| X-Ray Diffraction       | Conforms to structure             | Conforms to Structure             |



John Su  
QA & QC Manager