

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-11 09:00:43

Date of Next Testing: 2028-08-10 09:00:43

Product Name: **Copper(II) nitrate trihydrate**

CAS Number: 10031-43-3

Specifications & Purity: Suitable for Analysis, Premium pure

Lot #: H2508260

SKU #: **C431149**

Version: **1**

Analysis #: **548127**

Storage Temperature: Room temperature

| Parameter                   | Limit Values                      | Result                            |
|-----------------------------|-----------------------------------|-----------------------------------|
| Sulfate(SO4)                | 0-0.005 (%)                       | 0.00000 %                         |
| Calcium(Ca)                 | 0-0.005 (%)                       | 0.00090 %                         |
| Iron(Fe)                    | 0-0.002 (%)                       | 0.00000 %                         |
| Potassium(K)                | 0-0.01 (%)                        | 0.00000 %                         |
| Sodium(Na)                  | 0-0.01 (%)                        | 0.00040 %                         |
| Nickel(Ni)                  | 0-0.001 (%)                       | 0.00010 %                         |
| Zinc(Zn)                    | 0-0.001 (%)                       | 0.00000 %                         |
| Assay(Iodometric titration) | 99.5-102.5 (%)                    | 102.48000 %                       |
| Chloride (Cl-)              | 0-0.0005 (%)                      | 0.00049 %                         |
| Lead(Pb)                    | 0-0.001 (%)                       | 0.00100 %                         |
| Appearance(C431149)         | 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