

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-21 10:36:02
Date of Next Testing: 2026-02-20 10:36:02
Product Name: **Copper nitrate trihydrate**
CAS Number: 10031-43-3
Specifications & Purity: Analytical Reagent
Lot #: B2217154
SKU #: **C298895**
Analysis: **067253**

| Parameter | Limit Values | Result |
|---|-----------------------------------|-----------------------------------|
| Calcium(Ca) | 0-0.005 (%) | 0.00% |
| Lead(Pb) | 0-0.001 (%) | 0.00% |
| Nickel(Ni) | 0-0.01 (%) | 0.00% |
| Insoluble matter in H ₂ O | 0-0.002 (%) | 0.00% |
| Sulfate(SO ₄ ²⁻) | 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 (%) | 0.00% |
| 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