

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-02 13:31:45  
Date of Next Testing: 2027-09-01 13:31:45  
Product Name: **Copper nitrate trihydrate**  
CAS Number: 10031-43-3  
Specifications & Purity: Analytical Reagent  
Lot #: H2330008  
SKU #: **C298895**  
Analysis: **182002**

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 <sub>2</sub> O	0-0.002 (%)	0.00%
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)	0.00%
Potassium(K)	0-0.005 (%)	0.00%
PH (5%, water) 25 ° C	3-4	3.50
Assay	99-102 (%)	99.96%
Sodium(Na)	0-0.01 (%)	0.00%
Iron(Fe)	0-0.002 (%)	0.00%
Chloride (Cl <sup>-</sup> )	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