

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-02 16:32:42  
Date of Next Testing: 2027-07-02 16:32:42  
Product Name: **Copper(II) nitrate hemi(pentahydrate)**  
CAS Number: 19004-19-4  
Specifications & Purity: ACS reagent, 98%  
Lot #: F2429010  
SKU #: **C432263**  
Version: **1**  
Analysis #: **376043**

Parameter	Limit Values	Result
Chloride (Cl-)	0-0.002 (%)	0.00 %
Iron(Fe)	0-0.005 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Sulfate(SO4)	0-0.01 (%)	0.00032 %
Sodium(Na)	0-0.01 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Nickel(Ni)	0-0.01 (%)	0.00 %
Assay(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	98-102 (%)	98.10 %
Insoluble matter(c = 10 %, Dilute HNO <sub>3</sub> )	0-0.01 (%)	0.00 %
Appearance(C432263)	Blue Powder or crystals or crystalline powder or lumps	Blue Powder or crystals or crystalline powder or lumps
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager