

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-10 17:14:23  
Date of Next Testing: 2027-04-10 17:14:23  
Product Name: **Copper(II) nitrate hemi(pentahydrate)**  
CAS Number: 19004-19-4  
Specifications & Purity: ACS reagent, ≥99.99% trace metals basis  
Lot #: D2408164  
SKU #: **C432262**  
Analysis: **337410**

Parameter	Limit Values	Result
Purity(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	98-102 (%)	99.00 %
Chloride Content	0-0.002 (%)	0.00 %
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	100.00 %
Trace Metal Analysis	0-100 (ppm)	2.00 ppm
Insoluble matter	0-0.01 (%)	0.01 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.00 %
Nickel(Ni)	0-0.01 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Sulfate(SO <sub>4</sub> )	0-0.01 (%)	0.00500 %
Appearance(C432262)	Blue crystals	Blue Crystals
ICP: Confirms Cu Components	Confirmed	Confirmed



John Su  
QA & QC Manager