

Certificate of Analysis

Date of Testing: 2025-03-05 17:45:53

Date of Next Testing: 2028-03-04 17:45:53

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

CAS Number: 10031-43-3

Specifications & Purity: Suitable for Analysis, Premium pure

Lot #: B2528271

SKU #: **C431149**

Version: **1**

Analysis #: **474528**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Iodometric titration)	99.5-102.5 (%)	101.99000 %
Sulfate(SO ₄)	0-0.005 (%)	0.00150 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.002 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.00 %
Sodium(Na)	0-0.01 (%)	0.00 %
Nickel(Ni)	0-0.001 (%)	0.00 %
Lead(Pb)	0-0.001 (%)	0.00 %
Zinc(Zn)	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-0.0005 (%)	0.00 %
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