

## Certificate of Analysis

Date of Testing: 2022-07-20 21:09:31  
 Date of Next Testing: 2026-07-19 21:09:31  
 Product Name: **Copric chloride dihydrate**  
 CAS Number: 10125-13-0  
 Specifications & Purity: 99.99% metals basis  
 Lot #: G2219321  
 SKU #: **C111683**  
**Analysis: 103972**

Parameter	Limit Values	Result
Nickel(Ni)	0-0.01 (%)	0.01 %
Insoluble matter(c = 10 % in Dilute HCl)	0-0.01 (%)	0.00 %
Iron(Fe)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.00 %
Purity(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> )	99-100 (%)	99.50 %
(NO <sub>3</sub> )Nitrate	0-0.015 (%)	0.01 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.02 (%)	0.01 %
Total Metallic Impurities	0-100 (ppm)	99.00 ppm
Purity(Based On Trace Metals Analysis)	99.99-100 (%)	99.99 %
Appearance (c111683)	Green to Green-Blue Powder, Crystals or Chunks	Green to Green-Blue Powder, Crystals or Chunks
ICP: Confirms Copper Component	Conforms	Conforms
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager