

Certificate of Analysis

Date of Testing: 2024-10-24 15:05:59

Date of Next Testing: 2028-10-23 15:05:59

Product Name: **Copper sulfate pentahydrate**

CAS Number: 7758-99-8

Specifications & Purity: AR, ≥99%

Lot #: J2418465

SKU #: **C112396**

Version: **2**

Analysis #: **414118**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-30 (ppm)	0.00 ppm
Nickel(Ni)	0-0.005 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Zinc(Zn)	0-0.03 (%)	0.00 %
Sodium(Na)	0-0.005 (%)	0.00 %
Assay(Titration by Na ₂ S ₂ O ₃)	99-102.5 (%)	100.83 %
Chloride	0-0.001 (%)	0.00 %
Potassium(K)	0-0.001 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Appearance (C112396)	Blue Crystals,Solid and/or Chunks	Blue Crystals,Solid and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager