

Certificate of Analysis

Date of Testing: 2022-09-23 10:27:26

Date of Next Testing: 2026-09-22 10:27:26

Product Name: **Copper sulfate pentahydrate**

CAS Number: 7758-99-8

Specifications & Purity: AR, ≥99%

Lot #: I2216125

SKU #: **C112396**

Version: **2**

Analysis #: **139058**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-30 (ppm)	28.23 ppm
Nickel(Ni)	0-0.005 (%)	0.00 %
Insoluble matter in H2O	0-0.005 (%)	0.00 %
Total Nitrogen	0-0.001 (%)	0.00 %
Zinc(Zn)	0-0.03 (%)	0.03 %
Sodium(Na)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.001 (%)	0.00 %
Assay(Titration by Na2S2O3)	99-102.5 (%)	100.00 %
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