

Certificate of Analysis

Date of Testing: 2024-10-23 11:05:12

Date of Next Testing: 2028-10-22 11:05:12

Product Name: **Copper sulfate pentahydrate**

CAS Number: 7758-99-8

Specifications & Purity: $\geq 99.9\%$ metals basis

Lot #: J2421918

SKU #: **C141450**

Version: **0**

Analysis #: **425461**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Drying Loss(250°C,2h)	30-40 (%)	33.00 %
Purity(Titration by Na ₂ S ₂ O ₃)	97-103 (%)	100.83 %
Total Metallic Impuritie	0-1000 (ppm)	10.00 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.93 %
Appearance (C141450)	Blue Crystals,Solid and/or Chunks	Blue Crystals,Solid and/or Chunks
ICP: Confirms Cu and S Components	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager