

Certificate of Analysis

Date of Testing: 2025-04-07 15:08:45

Date of Next Testing: 2029-04-06 15:08:45

Product Name: **Copper sulfate pentahydrate**

CAS Number: 7758-99-8

Specifications & Purity: for plant cell culture, ≥98%

Lot #: F2118045

SKU #: **C112412**

Version: **1**

Analysis #: **491137**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-0.01 (ppm)	0.00 ppm
Purity(Titration by Na ₂ S ₂ O ₃)	98-102 (%)	99.90 %
Appearance (C112412)	Blue Crystals,Solid and/or Chunks	Blue Crystals,Solid and/or Chunks
Plant cell culture test	pass	Pass
Solubility,100 mg/ml in water	Clear blue solution	Clear blue solution
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager