

Certificate of Analysis

Compound Information

Product Name:	Copper(II) sulfate pentahydrate
Cat. No.:	1042960
CAS No.:	7758-99-8
Molecular Formula:	CuH ₁₀ O ₉ S
Molecular Weight:	249.69
Chemical Structure:	

Batch Information

Batch No.:	L343544
Storage:	2-8°C, protect from light, stored under nitrogen
Test Date:	2024-01-27
Retest Date:	2027-01-26
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	Light blue to blue (Solid)	Blue (Crystal)
Assay, ω/%:	≥99.0	99.2
Water Insoluble Substance, ω/%:	≤0.005	0.004
Chloride(Cl), ω/%:	≤0.001	0.0008
Total Nitrogen(N), ω/%:	≤0.001	qualified
Sodium(Na), ω/%:	≤0.005	qualified
Potassium(K), ω/%:	≤0.001	qualified
Iron(Fe), ω/%:	≤0.003	0.002
Nickel(Ni), ω/%:	≤0.005	qualified
Zinc(Zn), ω/%:	≤0.03	qualified

Conclusion: The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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