

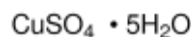
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Product Specification

Product Name:
Copper(II) sulfate pentahydrate - ACS reagent, ≥98.0%

Product Number: 209198
CAS Number: 7758-99-8
MDL: MFCD00149681
Formula: CuO4S · 5H2O
Formula Weight: 249.69 g/mol



TEST	Specification
Appearance (Color)	Blue
Appearance (Form)	Crystals
ICP Major Analysis Confirms Copper and Sulfur Component	Confirmed
Titration by Na2S2O3	98.0 - 102.0 %
Insoluble matter	≤ 0.005 %
Chloride Content	≤ 0.001 %
Iron (Fe)	≤ 0.003 %
Nitrogen Compounds	≤ 0.002 %
Calcium (Ca)	≤ 0.005 %
Potassium (K)	≤ 0.01 %
Sodium (Na)	≤ 0.02 %
Nickel	≤ 0.005 %
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period 2 Years	-----

Specification: PRD.2.ZQ5.10000015530

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.