

Product Name: Copper(II) sulfate pentahydrate, ACS, 98.0-102.0%
Catalog Number: 014178.36

CAS Number: 7758-99-8
IUPAC Name: copper(2+) pentahydrate sulfate
Molecular Formula: CuH₁₀O₉S
Molecular Weight: 249.68
InChI Key: JZCCFEFSEZPSOG-UHFFFAOYSA-L
SMILES: O.O.O.O.O.[Cu++].[O-]S([O-])(=O)=O
Synonym: cupric sulfate copper(II) sulfate, pentahydrate CuSO₄.5H₂O cupric sulfate pentahydrate

Product Specification

Insoluble material: 0.005%
Impurity content: Cl 0.001%
Impurity content: K 0.01%
Impurity content: Ni 0.005%
Impurity content: Ca 0.005%
Impurity content: Na 0.02%
Assay (unspecified): 98.0-102.0% CuSO₄.5H₂O
Impurity content: Fe 0.003%
Impurity content: Nitrogen compounds (as N) 0.002%

Date Of Print: 06/30/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.