

Product Name: Copper(II) sulfate pentahydrate, ACS, 98.0-102.0%, Thermo Scientific Chemicals

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

Assay (unspecified): 98.0-102.0% CuSO₄.5H₂O

Impurity content: Fe 0.003%

Impurity content: Nitrogen compounds (as N) 0.002%

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%

Date Of Print: 03/12/2025

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