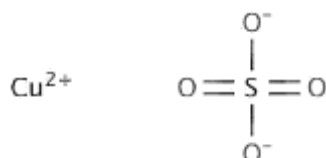


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

COPPER (II) SULPHATE PENTAHYDRATE 99 % AR

Cupric sulfate pentahydrate



Product Code	O-5074	Grade	Analytical Reagent
Purity	99 %	CAS No	7758-99-8
Molecular Formula	CuSO ₄ ·5H ₂ O	Molecular Weight	249.6 g/mol
H.S.Code	2833.2500	Shelf Life	60 Months

Physical Properties

Physical state	Crystalline	Melting point	110°C
Colour	Blue	Relative density	2.284 g/cm ³
pH value	3.7 - 4.5 at 50 g/l at 25 °C	Vapor pressure	9,7 hPa at 25 °C

Packaging

500 gram

Specification

Appearance	Blue crystals or crystalline powder
Assay (iodometric)	99.0 - 102.0 %
pH (5 % solution) at 25 °C	3.8 – 4.5
Insoluble matter	max 0.005 %
Chloride (Cl)	max 0.001 %
Total Nitrogen (N)	max 0.001 %
Lead (Pb)	max 0.005 %
Nickel (Ni)	max 0.005 %
Iron (Fe)	max 0.003 %
Zinc (Zn)	max 0.03 %
Calcium (Ca)	max 0.005 %
Sodium (Na)	max 0.005 %
Potassium (K)	max 0.001 %

Safety Information and Hazard Symbols



Symbol: GHS05, GHS07, GHS09

Signal Word: Danger

UN No.: 3077

IMCO Class No.: 9

Packing Group: III

Hazardous Statement: H302-H315-H319-H410-H318

Precaution Statement: P280-P305+P351+P338