

Specification 23174

Copper(II) sulphate pentahydrate 99.0-102.0%, AnalaR
NORMAPUR® ACS, Pharmaceutical Reagent



Synonyms: Copper sulphate pentahydrate , Cupric sulphate pentahydrate

Formula: $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$	MDL Number: MFCD00149681
MW: 249.69 g/mol	CAS Number: 7758-99-8
Density: 2.284 g/cm ³ (20 °C)	EINECS: 231-847-6
Storage Temperature: Ambient	UN: 3077
	ADR: 9,III
	REACH: 01-2119520566-40
	Merck Index: 13,02682

Specification Test Results

Assay	99.0 - 102.0 %
Insolubility in water	Max. 50 ppm
Total N (Nitrogen)	Max. 10 ppm
Cl (Chloride)	Max. 5 ppm
Ca (Calcium)	Max. 50 ppm
Fe (Iron)	Max. 30 ppm
K (Potassium)	Max. 10 ppm
Mg (Magnesium)	Max. 50 ppm
Na (Sodium)	Max. 50 ppm
Ni (Nickel)	Max. 50 ppm
Pb (Lead)	Max. 50 ppm
Zn (Zinc)	Max. 0.03 %
Conforms to ACS	Passes test
Conforms to Reag. Ph.Eur.	Passes test