

# CERTIFICATE OF ANALYSIS

Product Name	Copper(II) sulfate pentahydrate
QUSNTITY	
BATCH NO	
MANUFACTRE DATE	
REPORT DATE	
M.F.	CuSO <sub>4</sub> ·5H <sub>2</sub> O
CAS	7758-99-8
GRADE	

Chemical Composition	Standard	Specimen
Appearance	Blue loose crystals	Pass
Content (CuSO <sub>4</sub> ·5H <sub>2</sub> O),%	≥99.0	99.5
pH value (50g/L; 25°C)	3.5~4.5	Pass
Water-insoluble matter, ppm	≤100	<100
Chloride (Cl), ppm	≤20	<20
Aluminum (Al), ppm	≤30	<30
Calcium (Ca), ppm	≤10	<10
Manganese (Mn), ppm	≤20	<20
Iron (Fe), ppm	≤20	<20
Cobalt (Co), ppm	≤10	<10
Nickel (Ni), ppm	≤10	<10
Zinc (Zn), ppm	≤20	<20
Arsenic (As), ppm	≤10	<5
Lead (Pb), ppm	≤20	<10
Conclusion	PASSED	