



COPPER (II) SULPHATE PENTAHYDRATE AR/ACS

PRODUCT CODE	496775
SYNONYMS	Cupric sulphatepentahydrate
C.I. NO.	--
CASR NO.	(7758-99-8)
ATOMIC OR MOLECULARFORMULA	CuSO ₄ .5H ₂ O
ATOMIC OR MOLECULARWEIGHT	249.68
PROPERTIES	Slowly efflorescing in air ,white when dehydrated, soluble in water, methanol. Slightly soluble in alcohol and glycerol.
CuSO ₄ .5H ₂ O	
PARAMETER	LIMIT
Description	Transparent blue crystals or blue crystalline powder.
Solubility	10% solution in water is bright blue and clear.
Identification	Passes test.
Minimum Assay (Iodometric)	99.5%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.005%
Chloride (Cl)	0.001%
Nitrogen compounds (N)	0.002%
Calcium (Ca)	0.005%
Iron (Fe)	0.003%
Nickel (Ni)	0.005%
Potassium (K)	0.01%
Sodium (Na)	0.02%
Note(s) : 1] Assay (if applicable) method mentioned.	
DANGER Hazard statements: Toxic if swallowed. Very toxic to aquatic life. Precautionary statements Prevention: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Response: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Disposal: Dispose of contents and container in accordance with relevant legislation.	
Hazard Pictogram(s) : <div>   </div> <div> GHS06 GHS09 </div>	

Replace date 25-Sep-2025