

NEW

**Copper (II) sulphate, anhydrous AnalaR NORMAPUR®**

Assay (calculated on dried substance)..... Min. 99.0 %  
 Identification ..... Passes test  
 Loss on drying (250°C) ..... Max. 1 %  
 Total N (Nitrogen) ..... Max. 20 ppm  
 Fe (Iron) ..... Max. 50 ppm  
 Appearance of solution ..... Passes test  
 Insolubility in water ..... Max. 100 ppm  
 Substances not precipitated by H<sub>2</sub>S ..... Max. 0.2 %  
 Cl (Chloride) ..... Max. 50 ppm  
 Pb (Lead) ..... Max. 100 ppm

Cat. No.	Pk	Pack type
84845.230	250 g	Plastic bottle for solids
84845.290	1 kg	Plastic bottle for solids

**Copper (II) sulphate, anhydrous TECHNICAL**

Assay ..... Min. 97 %

Cat. No.	Pk	Pack type
23168.265	500 g	Plastic bottle for solids

**Copper (II) sulphate pentahydrate**

Cupric sulphate pentahydrate

**Warning**

H302 H319 H315 H410

P280 P273 P302+P352 P305+P351+P338 P309+P311

CAS 7758-99-8

Index 029-004-00-0

EINECS: 231-847-6

UN: 3077

ADR 9,III

CuSO<sub>4</sub>·5H<sub>2</sub>O

M.W. 249.69 g/mol

Density: 2.284 g/cm<sup>3</sup> (20 °C)

Storage Temperature: Ambient temperature



NEW

**Copper (II) sulphate pentahydrate Ph. Eur.**

Assay ..... 99.0 to 101.0 %  
 Appearance ..... Blue crystals  
 Identification A ..... Passes test  
 Identification C ..... Passes test  
 Solution S ..... Passes test  
 Appearance of solution ..... Passes test  
 Cl (Chloride) ..... Max. 100 ppm  
 Fe (Iron) ..... Max. 100.00 ppm  
 Pb (Lead) ..... Max. 50.0 ppm  
 Loss on drying (250°C) ..... 35.0 to 36.5 %  
 Residual solvents ..... Unlikely by manuf.process

Cat. No.	Pk	Pack type
83686.292	1 kg	Plastic bottle for solids
83686.361	5 kg	Plastic bottle for solids

**Copper (II) sulphate pentahydrate TECHNICAL**

Assay ..... Min. 98 %

Cat. No.	Pk	Pack type
23165.298	1 kg	Plastic bottle for solids
23165.367	5 kg	Bucket (Plastic)

**Copper (II) sulphate (≥ 0.3 mol/l)****Warning**

H302 H319 H315 H410

P280 P273 P302+P352 P305+P351+P338 P309+P311

CAS 7758-98-7

EINECS: 231-847-6

UN: 3082

ADR 9,III

CuSO<sub>4</sub>

Storage Temperature: Ambient temperature

**Copper (II) sulphate pentahydrate AnalaR NORMAPUR® ACS, Reag. Ph. Eur. analytical reagent**

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

Cat. No.	Pk	Pack type
23174.233	250 g	Plastic bottle for solids
23174.290	1 kg	Plastic bottle for solids
23174.360	5 kg	Plastic bottle for solids

**Copper (II) sulphate pentahydrate, purified**

Assay ..... Min. 98.5 %  
 Cl (Chloride) ..... Max. 20 ppm  
 Fe (Iron) ..... Max. 100 ppm

Cat. No.	Pk	Pack type
23172.293	1 kg	Plastic bottle for solids
23172.362	5 kg	Bucket (Plastic)

NEW

**Copper (II) sulphate 0.5 mol/l Reag. Ph. Eur. 1022501**

Cat. No.	Pk	Pack type
87808.290	1 l	Plastic bottle

Supplied with certificate of analysis. Normally manufactured to order. Please check with customer services.

**Copper tetramine complex in aqueous solution (Copper (II) hydroxide 10% in ammonia solution 20%)****Danger**

H314 H410

P280 P273 P301+P330+P331 P305+P351+P338

P309+P310

CAS 20427-59-2

EINECS: 243-815-9

UN: 3266

ADR 8,II

Cu(OH)<sub>2</sub>

M.W. 97.56 g/mol

**Copper tetramine complex in aqueous solution (Copper (II) hydroxide 10% in ammonia solution 20%) Reag. Ph. Eur. 1022600**

Cat. No.	Pk	Pack type
87809.180	100 ml	Plastic bottle

Supplied with certificate of analysis. Normally manufactured to order. Please check with customer services.