

CO0101 Copper(II) sulfate pentahydrate, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur



assay (iodometric)	99 - 100,5 %	cobalt (Co)	max. 0,001 %
insoluble matter	max. 0,005 %	iron (Fe)	max. 0,003 %
pH (5 %, H ₂ O)	3,7 - 4,5	lead (Pb)	max. 0,005 %
chlorides (Cl)	max. 0,0005 %	magnesium (Mg)	max. 5 ppm
total nitrogen (as N)	max. 0,001 %	nickel (Ni)	max. 0,005 %
arsenic (As)	max. 0,5 ppm	potassium (K)	max. 0,001 %
cadmium (Cd)	max. 0,001 %	sodium (Na)	max. 0,005 %
calcium (Ca)	max. 0,005 %	zinc (Zn)	max. 0,03 %

ART. NO.	VOLUME	CONTAINER
CO01010500	500 g	
CO01011000	1 kg	
CO0101005P	5 kg	
CO0101025P	25 kg	

COPPER(II) SULFATE, VOLUMETRIC SOLUTIONS

CO0102 Copper(II) sulfate, solution 0,1 mol/l

- CuSO₄
- M = 159,60 g/mol
- CAS [7758-98-7]
- EINECS-No.: 231-847-6
- Density: 1,02 g/cm³
- EC-Index-No.: 029-004-00-0
- GHS-H sentences: H412
- GHS-P sentences: P273 - P501a
- Tariff number: 2833 25 00 00
- Applications: analytical chemistry, fungicide.

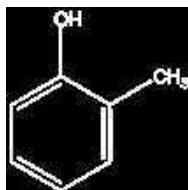
factor 0,999 - 1,001
 uncertainty ± 0,001
 1 ml = 0,024968 g CuSO₄·5H₂O
 This volumetric solution was checked by means of potentiometric methods using an EDTA disodium salt standard solution, that was also checked against Scharlau's calcium carbonate volumetric standard.

Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

ART. NO.	VOLUME	CONTAINER
CO01021000	1 l	

o-CRESOL

CR0062 o-Cresol, EssentQ®



- Synonyms: 2-Methylphenol, 2-Hydroxytoluene
- C₇H₈O
- M = 108,14 g/mol
- CAS [95-48-7]
- EINECS-No.: 202-423-8
- Density: 1,04 g/cm³
- Solub. in water: (20 °C): 20 g/l
- Melting point: 29 - 31 °C
- Boiling point: 191 °C
- Flash pt. 81 °C
- Ignition temp.: 555 °C
- Vapour pressure: (20 °C) 0,35 hPa
- Refraction index: (n 20 °C/D) 1,553
- LD 50 (oral, rat): 121 mg/kg
- EC-Index-No.: 604-004-00-9 [2]
- ADR: 6.1 TC2 II UN 3455
- IMDG: 6.1 II UN 3455
- IATA/ICAO: 6.1 II UN 3455
- GHS-signal word: Danger
- GHS-H sentences: H301 - H311 - H314
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P361 - P405 - P501a
- Tariff number: 2907 12 00 10
- Applications: synthesis of organic products, manufacturing of synthetic resins, disinfectant, fumigant, solvents.
- Appearance: Crystals

assay (G.C.) min. 99 %
 identity (IR-spectrum) passes test
 residue on ignition max. 0,005 %
 water (K.F.) max. 0,05 %

ART. NO.	VOLUME	CONTAINER
CR00620250	250 g	
CR00621000	1 kg	