

## SU0170 Carbon disulfide, EssentQ®



assay (G.C.) . . . . . min. 99,5 %  
 identity (IR-spectrum) . . . . . passes test  
 density (20°/4°) . . . . . 1,262 - 1,264  
 sulfates (SO<sub>4</sub>) . . . . . max. 0,0005 %  
 sulfites (as SO<sub>2</sub>) . . . . . max. 0,003 %  
 copper (Cu) . . . . . max. 0,2 ppm  
 iron (Fe) . . . . . max. 0,5 ppm

lead (Pb) . . . . . max. 0,2 ppm  
 nickel (Ni) . . . . . max. 0,2 ppm  
 benzene (G.C.) . . . . . max. 0,005 %  
 toluene (G.C.) . . . . . max. 0,005 %  
 residue on evaporation . . . . . max. 0,002 %  
 water (K.F.) . . . . . max. 0,02 %

ART. NO.	VOLUME	CONTAINER
SU01701000	1 l	0
SU0170025A	25 l	1

## SU0171 Carbon disulfide, ExpertQ®, for analysis, ACS, Reag. Ph Eur



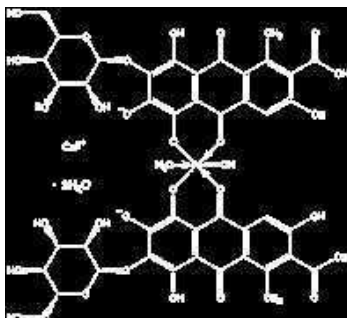
assay (G.C.) . . . . . min. 99,9%  
 identity (IR-spectrum) . . . . . passes test  
 density (20°/20°) . . . . . approx. 1,26  
 appearance . . . . . clear and colourless  
 boiling point . . . . . 46 - 47°C  
 colour (Hazen) . . . . . max. 10  
 cadmium (Cd) . . . . . max. 0,05 ppm  
 calcium (Ca) . . . . . max. 0,5 ppm  
 chromium (Cr) . . . . . max. 0,02 ppm  
 cobalt (Co) . . . . . max. 0,02 ppm  
 copper (Cu) . . . . . max. 0,02 ppm  
 iron (Fe) . . . . . max. 0,1 ppm

lead (Pb) . . . . . max. 0,1 ppm  
 magnesium (Mg) . . . . . max. 0,1 ppm  
 manganese (Mn) . . . . . max. 0,02 ppm  
 nickel (Ni) . . . . . max. 0,02 ppm  
 zinc (Zn) . . . . . max. 0,1 ppm  
 sulfur dioxide (SO<sub>2</sub>) . . . . . max. 0,00025 %  
 hydrogen sulfide (as H<sub>2</sub>S) . . . . . max. 0,00015 %  
 benzene (G.C.) . . . . . max. 0,005 %  
 toluene (G.C.) . . . . . max. 0,0005 %  
 residue on evaporation . . . . . max. 0,001 %  
 water (K.F.) . . . . . max. 0,01 %

ART. NO.	VOLUME	CONTAINER
SU01711000	1 l	0

## CARMINE, C.I. 75470

### CA0380 Carmine, C.I. 75470, for microscopy



- Synonyms: Alum lacquer of carminic acid
- C<sub>24</sub>H<sub>27</sub>AlCaO<sub>29</sub>·3H<sub>2</sub>O
- M = 492,38 g/mol
- CAS [1390-65-4]
- EINECS-No.: 215-724-4
- Solub. in water: (20 °C): insoluble
- Tariff number: 3203 00 90 00
- Applications: microscopy, for biology, photography, manufacturing of inks, in food industry, cosmetics.

Absorption maximum λ<sub>1</sub> (in DMSO) . . . . . 563 - 571 nm  
 Absorption maximum λ<sub>2</sub> (in DMSO) . . . . . 525 - 533 nm  
 Absorptivity (A1%/1 cm; λ<sub>1</sub> max) . . . . . 70 - 110  
 Absorptivity (A1%/1 cm; λ<sub>2</sub> max) . . . . . 100 - 150  
 loss on drying (110 °C) . . . . . max. 15 %  
 residue on ignition . . . . . 9 - 17 %

ART. NO.	VOLUME	CONTAINER
CA03800025	25 g	0

## CARREZ'S REAGENT I

### RE0016 Carrez's Reagent I

- Density: 1,11 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00

composition of 1 liter:  
 zinc acetate dihydrate . . . . . 267 g  
 acetic acid (CH<sub>3</sub>COOH) . . . . . 32 ml  
 water to make 1 liter

ART. NO.	VOLUME	CONTAINER
RE00161000	1 l	0
RE0016005P	5 l	1

## CARREZ'S REAGENT II

### RE0017 Carrez's Reagent II

- Density: 1,07 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00

composition of 1 liter:  
 Potassium hexacyanoferrate(II)  
 trihydrate . . . . . 136 g  
 water to make 1 liter

ART. NO.	VOLUME	CONTAINER
RE00171000	1 l	0
RE0017005P	5 l	1