

## AC2083 Sulfuric acid, solution 0,01 mol/l (0,02 N)

- $H_2SO_4$
- $M = 98,08 \text{ g/mol}$
- CAS [7664-93-9]
- EINECS-No.: 231-639-5
- Density:  $1,00 \text{ g/cm}^3$
- EC-Index-No.: 016-020-00-8
- Tariff number: 2807 00 00 00
- Applications: analytical chemistry, laboratory reagent, titrant in volumetric analysis.

factor . . . . . 0,999 - 1,001  
uncertainty  $\pm 0,001$   
 $1 \text{ ml} = 0,0009808 \text{ g } H_2SO_4$   
This volumetric solution was checked by means of potentiometric methods using Scharlau's tris(hydroxymethyl)-aminomethane 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
AC20831000	1 l	

## AC2073 Sulfuric acid, concentrated solution to prepare 1 l of solution 0,5 mol/l (1 N)

- $H_2SO_4$
- $M = 98,08 \text{ g/mol}$
- CAS [7664-93-9]
- EINECS-No.: 231-639-5
- Density:  $1,29 \text{ g/cm}^3$
- Solub. in water: (20 °C): miscible
- Boiling point:  $\sim 135^\circ\text{C}$
- LD 50 (oral, rat): 2140 mg/kg
- EC-Index-No.: 016-020-00-8
- ADR: 8 C1 II UN 2796
- IMDG: 8 II UN 2796

- IATA/ICAO: 8 II UN 2796
- GHS-signal word: Danger
- GHS-H sentences: H314
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2807 00 00 00
- Applications: analytical chemistry, titrant in volumetric analysis.

amount of substance:  $49,040 \text{ g } H_2SO_4$   
concentrated solution . . . . .  $2,5 \text{ mol/l} \pm 0,1 \%$

ART. NO.	VOLUME	CONTAINER
AC207300PA	u.	

## AC2072 Sulfuric acid, concentrated solution to prepare 1 l of solution 0,05 mol/l (0,1 N)

- $H_2SO_4$
- $M = 98,08 \text{ g/mol}$
- CAS [7664-93-9]
- EINECS-No.: 231-639-5
- Density:  $1,06 \text{ g/cm}^3$
- Solub. in water: (20 °C): miscible
- LD 50 (oral, rat): 2140 mg/kg
- EC-Index-No.: 016-020-00-8
- ADR: 8 C1 II UN 2796
- IMDG: 8 II UN 2796

- IATA/ICAO: 8 II UN 2796
- GHS-signal word: Danger
- GHS-H sentences: H290 - H314 -
- GHS-P sentences: P301 + P330 + P331 - P305 + P351 + P338
- Tariff number: 2807 00 00 00
- Applications: analytical chemistry, laboratory reagent, titrant in volumetric analysis.

amount of substance:  $4,904 \text{ g } H_2SO_4$   
concentrated solution . . . . .  $0,5 \text{ mol/l} \pm 0,1 \%$

ART. NO.	VOLUME	CONTAINER
AC207200PA	u.	

# Solvents for GC-Headspace

## ... volatile residues under control

DMSO, DMF, DMA, NMP and water

Control according ICH Q3C to ensure optimal results during the residual solvents analysis

