

**Buffer solution pH = 10,00 (20 °C) (Sodium carbonate/Sodium hydrogen carbonate)****Identification**

Taric code: 3822 00 00

**Applications**

to fit pH of the reaction media.

**Specifications**




pH at 20 °C.....	10,00	T (°C)	pH
uncertainty ± 0,02		0.....	10,25
Composition per litre is 2,64g Sodium carbonate and 2,09g Sodium hydrogen carbonate		5.....	10,18
		10.....	10,12
		15.....	10,06
		20.....	10,00
		25.....	9,97
		30.....	9,93
		35.....	9,91
		40.....	9,89
		45.....	9,83
		50.....	9,78

Standard buffer solutions are prepared using gravimetric and volumetric procedures.

The batch value is determined by measurement with a combination glass electrode against two-point calibration according to DIN 19268.

This pH buffer solution is traceable to Standard Reference Material from NIST.

**Packaging****Packaging Code**

- 250 ml  SO10100250
- 1 l  SO10101000
- 5 l  SO1010005P

**Physical data**

- Density: 1,00 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: -6 °C
- Boiling point: 110 °C
- pH(H<sub>2</sub>O, 20 °C) 10,0

**Toxicological data**

- WGK: 0
- Poison class CH (Swiss): F