

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/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -6 °C
- Boiling point: 110 °C
- pH(H₂O, 20 °C) 10,0

Toxicological data

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