

Buffer solution pH = 7,00 (20 °C) (Potassium dihydrogen phosphate/di-Sodium hydrogen phosphate)**Identification**

Taric code: 3822 00 00

Applications

to fit pH of the reaction media, for calibrating pH-meters, analytical chemistry.

Specifications

pH at 20 °C.....7,00

uncertainty ± 0,01

Composition per litre is 3,54g Potassium dihydrogen phosphate and 14,7g di-Sodium hydrogen phosphate.

Contains preservative.

Standard buffer solutions are prepared using gravimetric and volumetric procedures.

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

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

T (°C)pH

0.....7,13

5.....7,07

10.....7,05

15.....7,02

20.....7,00

25.....6,98




30.....6,98

35.....6,96

40.....6,95

45.....6,95

50.....6,95

Packaging**Packaging Code**SO10070  SO10070500500 ml  SO100710001 l  SO1007005P5 l **Physical data**

- Density: 1,01 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -5 °C
- Boiling point: 109 °C
- pH(20 °C) 7,00

Toxicological data

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