

Buffer solution pH = 7,00 (20 °C), yellow-coloured, measured according to ISO/IEC 17025

## Identification

Taric code: 3822 00 00

## Specifications

pH at 20 °C..... 7,00  
specification range..... 6,99 - 7,01  
uncertainty ..... ± 0,01

Composition per litre is 3,5 g Potassium dihydrogen phosphate and 12,5 g di-Sodium hydrogen phosphate.  
Contains preservative.

Buffer solutions are prepared using gravimetric and volumetric procedures.

The batch value was obtained by measurement with a combined glass electrode according to DIN 19268.

This test is carried out within the scope of ISO/IEC 17025 accreditation in Scharlab's laboratory (ENAC-accredited test laboratory, with accreditation No. 1411/LE2609).

This pH buffer is traceable to the International System of Units (SI) through NIST SRM®.

T (°C) vs pH (informative)

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

## Physical data

- Density: ~ 1,005 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible

## Toxicological data

- WGK: 0