

Buffer solution pH = 10,00 (20 °C), blue-coloured, measured according to ISO/IEC 17025

Identification

Taric code: 3822 00 00

Specifications

pH at 20 °C..... 10,00
specification range..... 9,98 - 10,02
uncertainty ± 0,01

Composition per litre is 2,4g Sodium carbonate and 2,1 g Sodium hydrogen carbonate
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.....	10,25
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

Physical data

- Density: ~ 1,00 g/cm³
- Solub. in water: (20 °C): miscible

Toxicological data

- WGK: 1