

Buffer solution pH = 4,00 (20 °C), red-coloured, measured according to ISO/IEC 17025

Identification

Taric code: 3822 00 00

Specifications

pH at 20 °C..... 4,00
specification range..... 3,99 - 4,01
uncertainty ± 0,01

Composition per litre is 10,2 g Potassium hydrogen phthalate.
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.....	4,00
5.....	4,00
10.....	4,00
15.....	4,00
20.....	4,00
25.....	4,01
30.....	4,02
35.....	4,03
40.....	4,04
45.....	4,05
50.....	4,06

Physical data

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

Toxicological data

- WGK: 1