

Identification

Taric code: 3822 00 00

Applications

in buffer solutions.

Specifications

pH at 20 °C.....	4,01	0.....	4,00
specification range.....	4,00 - 4,02	5.....	4,00
uncertainty	± 0,01	10.....	4,00
Composition per litre is 10,3 g Potassium hydrogen phthalate.		15.....	4,00
Contains preservative.		20.....	4,01

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

25.....	4,01
30.....	4,02
35.....	4,02
40.....	4,03
45.....	4,05
50.....	4,05

Physical data

- Density: ~ 1,00 g/cm³
- Solub. in water: (20 °C): miscible
- pH(20 °C) 4,01

Transport/storage

- 10°C - 30°C