

Identification

Taric code: 3822 00 00

Applications

for calibrating pH-meters, analytical chemistry.

Specifications

pH at 20 °C.....	4,00	0.....	4,00
specification range.....	3,99 - 4,01	5.....	4,00
uncertainty	± 0,01	10.....	4,00
Composition per litre is 10,2 g Potassium hydrogen phthalate.		15.....	4,00
Contains preservative.		20.....	4,00

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.....	4,03
40.....	4,04
45.....	4,05
50.....	4,06

Physical data

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

Transport/storage

- 10°C - 30°C