

Identification

Taric code: 3822 00 00

Applications

for calibrating pH-meters, analytical chemistry.

Specifications

pH at 20 °C..... 4,00

uncertainty ± 0,01

Composition per litre is 10,21g Potassium
hydrogen phthalate.

Contains preservative.

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

Toxicological data

- WGK: 1
- Poison class CH (Swiss): F

Transport/storage

- Store between 15°C and 25°C