

Identification

Taric code: 3822 00 00

Applications

for calibrating pH-meters, analytical chemistry.

Specifications

pH at 20 °C.....	4,00	T (°C)	pH
uncertainty ± 0,01		0.....	4,00
Composition per litre is 10,21g Potassium hydrogen phthalate.		5.....	4,00
Contains preservative.		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

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.

Packaging**Packaging Code**

250 ml	SO10040250
500 ml	SO10040500
1 l	SO10041000
5 l	SO1004005P

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