

Buffer solution pH = 6,00 (20 °C) (Potassium dihydrogen phosphate/Sodium hydroxide)**Identification**

Taric code: 3822 00 00

Applications

in buffer solutions.

Specifications

pH at 20 °C..... 6,00
uncertainty ± 0,01
Composition per litre is 6,8g Potassium dihydrogen phosphate and 5,7ml Potassium hydroxide 1N.
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..... | 6,06 |
| 5..... | 6,04 |
| 10..... | 6,02 |
| 15..... | 6,01 |
| 20..... | 6,00 |
| 25..... | 5,99 |
| 30..... | 5,99 |
| 35..... | 5,98 |
| 40..... | 5,98 |
| 45..... | 5,96 |
| 50..... | 5,95 |

Packaging**Packaging Code**

SO10060 ① SO10060250
1 l ① SO10060250

Physical data

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

Toxicological data

- WGK: 0