



**Buffer solution pH = 3,00 (20 °C) (ortho-Phosphoric acid/Potassium dihydrogen phosphate)**

**Identification**

Taric code: 3822 00 00

**Applications**

in buffer solutions.

**Specifications**

pH at 20 °C.....	3,00	5.....	2,96
specification range.....	2,99 - 3,01	10.....	2,97
uncertainty .....	± 0,01	15.....	2,98
Composition per litre is 1,2 g of ortho-Phosphoric acid concentrated and 11,2 g of Potassium dihydrogen phosphate.		20.....	3,00
		25.....	3,01
		30.....	3,01
Standard buffer solutions are prepared using gravimetric and volumetric procedures.		35.....	3,01
The batch value is determined by measurement with a combination glass electrode against five-point calibration according to DIN 19268.		40.....	3,01
This pH buffer solution is traceable to Standard Reference Material from NIST.		45.....	3,01
T (°C)pH		50.....	3,01
0.....	2,96		

**Physical data**

- Density: ~ 1,00 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- pH(20 °C) 3

**Transport/storage**

- 10°C - 30°C