

**Buffer solution pH = 8,00 (20 °C) (Boric acid/Potassium chloride/Sodium hydroxide)****Identification**

Taric code: 3822 00 00

Specifications

pH at 20 °C.....	8,00	5.....	8,10
specification range.....	7,99 - 8,01	10.....	8,07
uncertainty	± 0,01	15.....	8,04
Composition per litre is 3,1 g Boric acid, 3,7 g Potassium chloride and approx. 39,8 g Sodium hydroxide 0,1N.		20.....	8,00
		25.....	7,96
		30.....	7,94
Standard buffer solutions are prepared using gravimetric and volumetric procedures.		35.....	7,92
The batch value is determined by measurement with a combination glass electrode against five-point calibration according to DIN 19268.		40.....	7,90
This pH buffer solution is traceable to Standard Reference Material from NIST.		45.....	7,87
T (°C)pH		50.....	7,85
0.....	8,15		

Physical data

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

Transport/storage

- 10°C - 30°C