



**Buffer solution pH = 11,00 (20 °C) (Boric acid/Sodium hydroxide/Potassium chloride)**

**Identification**

Taric code: 3822 00 00

**Applications**

to fit pH of the reaction media.

**Specifications**

pH at 20 °C.....	11,00	5.....	11,32
specification range.....	10,98 - 11,02	10.....	11,20
uncertainty .....	± 0,01	15.....	11,10
Composition per litre is 6,2 g Boric acid, 3,9 g Sodium hydroxide and 3,8 g Potassium chloride.		20.....	11,00
		25.....	10,90
		30.....	10,81
Standard buffer solutions are prepared using gravimetric and volumetric procedures.		35.....	10,72
The batch value is determined by measurement with a combination glass electrode against two-point calibration according to DIN 19268.		40.....	10,64
This pH buffer solution is traceable to Standard Reference Material from NIST.		45.....	10,56
T (°C)pH		50.....	10,48
0.....	11,45		

**Physical data**

- Density: 1,01 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- pH(20 °C) 11,0

**Transport/storage**

- 10°C - 30°C