

Buffer solution pH = 9,00 (20 °C) (Boric acid/Potassium chloride/Sodium hydroxide)**Identification**

Taric code: 3822 00 00

Applications

in buffer solutions.

Specifications




pH at 20 °C.....	9,00	T (°C)	pH
uncertainty ± 0,01		0.....	9,24
Composition per litre is 3,1g Boric Acid, 3,8g Potassium chloride and 0,8g Sodium hydroxide		5.....	9,16
		10.....	9,11
		15.....	9,05
		20.....	9,00
		25.....	8,95
		30.....	8,91
		35.....	8,88
		40.....	8,85
		45.....	8,82
		50.....	8,79

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  SO10090250
1 l  SO10091000
5 l  SO1009005P

Physical data

- Density: ~ 1,00 g/cm³
- Solub. in water: (20 °C): miscible
- pH(H₂O, 20 °C) 9,0

Safety - GHS**Hazard Statements:**

EUH210: Safety data sheet available on request.

Toxicological data

- WGK: 0
- Poison class CH (Swiss): F