

Buffer solution pH = 12,00 (20 °C) (di-Sodium hydrogen phosphate/Sodium hydroxide)**Identification**

Taric code: 3822 00 00

Applications

analytical chemistry, to fit pH of the reaction media.

Specifications

pH at 20 °C.....	12,00	5.....	12,41
specification range.....	11,98 - 12,02	10.....	12,26
uncertainty	± 0,01	15.....	12,10
Composition per litre is 10,6 g di-Sodium hydrogen phosphate and 3,10 g Sodium hydroxide.		20.....	12,00
		25.....	11,88
Standard buffer solutions are prepared using gravimetric and volumetric procedures.		30.....	11,72
The batch value is determined by measurement with a combination glass electrode against two-point calibration according to DIN 19268.		35.....	11,67
This pH buffer solution is traceable to Standard Reference Material from NIST.		40.....	11,54
T (°C)pH		45.....	11,41
0.....	12,58	50.....	11,33

Physical data

- Density: ~ 1,01 g/cm³
- Solub. in water: (20 °C): miscible

Transport/storage

- 10°C - 30°C