

**Identification**

Taric code: 3822 00 00

Applications

in buffer solutions.

Specifications

pH at 20 °C..... 9,26
specification range..... 9,25 - 9,27
uncertainty ± 0,01
Composition per litre is 3,8 g di-Sodium tetraborate decahydrate
tetraborate decahydrate.

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.

T (°C)	pH
0.....	9,43
5.....	9,41
10.....	9,35
15.....	9,30
20.....	9,26
25.....	9,21
30.....	9,16
35.....	9,10
40.....	9,09
45.....	9,07
50.....	9,03

Physical data

- Density: 1,00 g/cm³
- Solub. in water: (20 °C): miscible
- pH(20 °C) 9,26

Transport/storage

- 10°C - 30°C