

**Identification**

Taric code: 3822 00 00

**Applications**

in buffer solutions.

**Specifications**

pH at 20 °C..... 5,00

uncertainty ± 0,01

Composition per litre is 0,7ml Acetic acid  
glacial and 1,54g Sodium Acetate.

Contains preservative.

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.....	4,97
5.....	4,98
10.....	4,99
15.....	5,00
20.....	5,00
25.....	5,01
30.....	5,01
35.....	5,02
40.....	5,02
45.....	5,03
50.....	5,03

**Physical data**

- Density: ~ 1,00 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible