

**Buffer solution pH = 2,00 (20 °C) (Citric acid/Sodium hydroxide/Hydrochloric acid)****Identification**

Taric code: 3822 00 00

**Applications**

in buffer solutions.

**Specifications**

pH at 20 °C.....	2,00	T (°C)	pH
uncertainty ± 0,01		0.....	2,01
Composition per litre is 6,43g Citric acid, 2,40g Sodium hydroxide and 6,13ml Hydrochloric acid.		5.....	2,01
		10.....	2,01
		15.....	2,00
		20.....	2,00
		25.....	2,00
		30.....	2,00
		35.....	2,00
		40.....	2,00
		45.....	2,00
		50.....	2,00

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**

SO10221 0 5

1 l 0 SO10221000

**Physical data**

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