SO2007 Buffer solution pH = 7,00 (20 °C), yellow-coloured

- Density: ~ 1,005 g/cm³
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: in buffer solutions.

pH at 20 °C 7,00
uncertainty ± 0,01
Composition per litre is 3,54g
Potassium dihydrogen phosphate and 14,7 g
di-Sodium hydrogen phosphate.
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	7,13
5	7,07
10	7,05
15	7,02
20	7,00
25	6,98
30	6,98
35	6,96
40	6,95
45	6,95
50	6,95

ART. NO.	VOLUME	CONTAINER
SO20070250	250 ml	P
SO20070500	500 ml	P
SO20071000	1 l	P

SO3007 Buffer solution pH = 7,00 (25 °C), yellow-coloured

- Density: ~ 1,00 g/cm³
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: in buffer solutions.

pH at 25 °C 7,00
uncertainty ± 0,01
Composition per litre is 3,54 g
Potassium dihydrogen phosphate and 14,7 g
di-Sodium hydrogen phosphate.
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	7,12
5	7,09
10	7,06
15	7,04
20	7,02
25	7,00
30	6,99
35	6,98
40	6,97
45	6,96
50	6,96

ART. NO.	VOLUME	CONTAINER
SO30070250	250 ml	P
SO30071000	1 l	P

SO2010 Buffer solution pH = 10,00 (20 °C), blue-coloured

- Density: ~ 1,00 g/cm³
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: in buffer solutions.

pH at 20 °C 10,00
uncertainty ± 0,02
Composition per litre is 2,64 g
Sodium carbonate and 2,09 g
Sodium hydrogen carbonate.
Standard buffer solutions are prepared using gravimetric and volumetric procedures. The batch value is determined by measurement with a combination glass electrode against two-point calibration according to DIN 19268. This pH buffer solution is traceable to Standard Reference Material from NIST.

T (°C)	pH
0	10,25
5	10,18
10	10,12
15	10,06
20	10,00
25	9,97
30	9,93
35	9,91
40	9,89
45	9,83
50	9,78

ART. NO.	VOLUME	CONTAINER
SO20100250	250 ml	P
SO20100500	500 ml	P
SO20101000	1 l	P

SO3010 Buffer solution pH = 10,00 (25 °C), blue-coloured

- Density: ~ 1,00 g/cm³
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: in buffer solutions.

pH at 25 °C 10,00
uncertainty ± 0,02
Composition per litre is 2,64 g
Sodium carbonate and 2,09 g
Sodium hydrogen carbonate.
Standard buffer solutions are prepared using gravimetric and volumetric procedures. The batch value is determined by measurement with a combination glass electrode against two-point calibration according to DIN 19268. This pH buffer solution is traceable to Standard Reference Material from NIST.

T (°C)	pH
0	10,32
5	10,25
10	10,18
15	10,12
20	10,07
25	10,00
30	9,97
35	9,91
40	9,89
45	9,86
50	9,83

ART. NO.	VOLUME	CONTAINER
SO30100250	250 ml	P
SO30101000	1 l	P