Buffer solutions, ready to use, Certipur®

Materials for the precise calibration and monitoring of pH meters.

- Traceable to NIST primary standard and PTB - deviation max. ±0,01 (except pH 10 with ±0,02)
- Larger 4 and 10 l pack sizes in easy to use Titripac® packaging which eliminates contamination issues
- Reference temperature: +20 °C except 1.99022.4000 which is 25 °C

Measured in an independent accredited calibration laboratory for the pH value measurement (DKD-K-14301).

Packaging: Plastic bottles (1 l) or PE/aluminium Titripac® pack (4 l and 10 l).

Description	pH value	Contents	Pk	Cat. No.
Buffer solution (glycine/sodium chloride/hydrogen chloride), traceable to SRM from NIST and PTB pH 1.00 (20 °C) Certipur®	1,00	Glycine Sodium chloride Hydrogen chloride	1 l	**1.09432.1000**
Buffer solution (citric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 2.00 (20 °C) Certipur®	2,00	Citric acid Sodium hydroxide Hydrogen chloride	1 l 10 l	**1.09433.1000** **1.09433.9010**
Buffer solution (citric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 3.00 (20 °C) Certipur®	3,00	Citric acid Sodium hydroxide Hydrogen chloride	1 l	**1.09434.1000**
Buffer solution (citric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 4.00 (20 °C) Certipur®	4,00	Citric acid Sodium hydroxide Hydrogen chloride	1 l 4 l 10 l	**1.09435.1000** **1.09435.4000** **1.09435.9010**
Buffer solution (citric acid/sodium hydroxide), traceable to SRM from NIST and PTB pH 5.00 (20 °C) Certipur®	5,00	Citric acid/sodium hydroxide	1 l	**1.09436.1000**
Buffer solution (citric acid/sodium hydroxide), traceable to SRM from NIST and PTB pH 6.00 (20 °C) Certipur®	6,00	Citric acid Sodium hydroxide	1 l	**1.09437.1000**
Buffer solution (disodium hydrogen phosphate/potassium dihydrogen phosphate) traceable to SRM from NIST and PTB pH 7.00 (20 °C) Certipur®	7,00	Disodium hydrogen phosphate Potassium dihydrogen phosphate	1 l 4 l 10 l	**1.09439.1000** **1.09439.4000** **1.09439.9010**
Buffer solution (boric acid/sodium hydroxide/hydrogen chloride), traceable to SRM from NIST and PTB pH 8.00 (20 °C) Certipur®	8,00	Boric acid Sodium hydroxide Hydrogen chloride	1 l	**1.09460.1000**
Buffer solution (boric acid/potassium chloride/sodium hydroxide), traceable to SRM from NIST and PTB pH 9.00 (20 °C) Certipur®	9,00	Boric acid Sodium hydroxide Potassium chloride	1 l 4 l 10 l	**1.09461.1000** **1.09461.4000** **1.09461.9010**
Buffer solution (boric acid/potassium chloride/sodium hydroxide), traceable to SRM from NIST and PTB pH 10.00 (20 °C) Certipur®	10,00		1 l 4 l 10 l	**1.09438.1000** **1.09438.4000** **1.09438.9010**
Buffer solution (boric acid/potassium chloride/sodium hydroxide), traceable to SRM from NIST and PTB pH 11.00 (20 °C) Certipur®	11,00	Boric acid/potassium chloride/ sodium hydroxide	1 l	**1.09462.1000**
Buffer solution (disodium hydrogen phosphate/sodium hydroxide) traceable to SRM from NIST und PTB pH 12.00 (25 °C) Certipur®	12,00	Disodium hydrogen phosphate Sodium hydroxide	4 l	**1.99022.4000**

Buffer solutions in sachets, Certipur®

For calibration of pH meters.

- Practical 30 ml sachets - one use per sachet - no risk of contamination
- Solutions are always fresh and ready to use
- Batch traceable to NIST
- Reference temperature: +25 °C
- Precision: Deviation is max. ±0,015 pH units

Description	pH value	Pk	Cat. No.
Certipur® buffer solution, pH 2,00, citric acid, sodium hydroxide, hydrogen chloride	2,00	30	**1.99012.0001**
CertiPUR® buffer solution, pH 4,01, potassium hydrogen phthalate	4,01	30	**1.99001.0001**
Certipur® buffer solution, pH 7,00, potassium hydrogen phosphate, disodium hydrogen phosphate	7,00	30	**1.99002.0001**
Certipur® buffer solution, pH 9,00, boric acid, sodium hydroxide, potassium chloride	9,00	30	**1.99003.0001**

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