

Brand: Honeywell Fluka
Product: 33665

Buffer solution pH 4,00, solution ready for use, red coloured

Parameter	Specification	Units
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pH (20 °C)	3.98-4.02	
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Measured with a combined glass electrode. The calibrating of the pH value is carried out with standard buffer solutions (related to SRM by NIST) according to DIN 19266 at several reference points (according to DIN 19268).

Composition per litre:

11.76 g Citric acid-1-hydrate (C₆H₈O₇*H₂O)

2.57 g Sodium chloride (NaCl)

2.72 g Sodium hydroxide (NaOH)

Temperature-dependence of the pH values:

pH 4.03 at 0°C	pH 4.00 at 50°C
pH 4.02 at 10°C	pH 4.00 at 60°C
pH 4.00 at 20°C	pH 4.00 at 70°C
pH 4.00 at 30°C	pH 4.00 at 80°C
pH 4.00 at 40°C	pH 4.00 at 90°C

The checking of the chemicals and of the test equipment used is in accordance with DIN ISO 9001.