

Brand: Honeywell Fluka
Product: 33666

Buffer solution pH 7,00, solution ready for use, green coloured

Parameter	Specification	Units
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pH (20 °C)	6.98-7.02	
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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:

3.52 g Potassium dihydrogen phosphate (KH₂PO₄)

7.26 g di-Sodium hydrogen phosphate-2-hydrate (Na₂HPO₄*2H₂O)

Temperature-dependence of the pH values:

pH 7.13 at 0°C	pH 6.96 at 50°C
pH 7.05 at 10°C	pH 6.96 at 60°C
pH 7.00 at 20°C	pH 6.97 at 70°C
pH 6.98 at 30°C	pH 6.98 at 80°C
pH 6.97 at 40°C	pH 7.00 at 90°C

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