visocolor® ECO

en

pH 4.0 – 9.0

Test kit for performing colorimetric tests on the pH value in surface water and sewage

Method:
A special mixture of indicator dyes produces a specific and characteristic colour for every pH value covered.

Measurement range:
pH 4.0 – 9.0

Contents of test kit (*refill pack):
sufficient for 450 tests

2 x 24 ml pH-1*
- 2 screw-plug measuring glasses
- 1 slide comparator
- 1 colour chart
- 1 plastic syringe 5 ml
- 1 instructions for use*

Hazard warning:
This test does not contain any hazardous substances in reportable quantities.

Instructions for use:

also refer to the pictogram on the back of the colour chart

1. Pour a 5 ml water sample into each of the measuring glasses using the plastic syringe.
   Place a measuring glass on position A in the comparator.

Only add the reagent to measuring glass B.

2. Add **4 drops of pH-1,** seal the glass and mix.
3. Open the measuring glass and place it on position B in the comparator.
4. Slide the comparator until the colours match in the inspection hole on top. Check the measurement reading in the recess on the comparator reed. Mid-values can be estimated.
5. After use, rinse out both measuring glasses thoroughly and seal them.

This technique can be used also for analysing sea water.

Disposing of the samples:
The used analysis specimens can be flushed down the drain with tap water and channelled off to the local sewage treatment works.

Interferences:
The favourable ratio between indicator and sample minimizes the indicator error. This means that perfect measuring results are ensured even for weakly buffered samples.
High concentrations of neutral salts and colloids as well as organic solvent contents above 10% can cause wrong results.

Note:
If the sample is not sufficiently buffered, we recommend test kit *VISOCOLOR® HE* pH 4-10 (Cat. No. 920 074).

Storage:
Store the test kit in a cool (< 25 °C) and dry place.

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