visocolor® HE

en

pH 4–10

High sensitivity test kit for the determination of the pH value in the range of 4.0–10.0

Method:

A special mixture of different indicator dyes produces a specific and characteristic color for every pH value covered. Because of the favorable ratio between sample volume and amount of indicator for *VISOCOLOR® HE* the indicator error (acid-base error) is very small. This guarantees reliable pH measurements even in very weakly buffered solutions!

Contents of test kit (*refill pack):

sufficient for 500 tests

- 2 x 25 mL pH 4–10*
- 1 plastic beaker for sampling
- 2 round glass tubes with screw caps
- 1 comparator block
- 1 color comparison disc pH 4.0–10.0

Hazard warning:

Reagent pH 4–10 contains ethanol 90–98 %. For further information, please ask for safety data sheet.

Procedure:

1. Insert color comparison disc (see illustration).
2. Open both round glass tubes, rinse several times with the water sample and fill up to the mark with the sample.
3. Add 4 drops pH 4–10 to the right glass tube, close and mix.
4. Reading: Turn color disc until both colors match by transmitted light from above. Read test results from the mark on the front side of the comparator (see illustration). Intermediate values can be estimated.
5. After use clean both round glass tubes thoroughly and close.

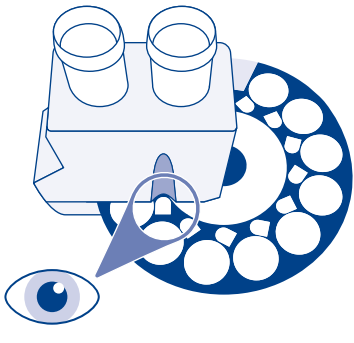
The method can be applied also for the analysis of sea water.

Disposing of the samples:

The used analysis specimens can be flushed down the drain with tap water and channeled off to the local sewage treatment works.

Interferences:

The temperature of the water sample should be between 15 and 30 °C.
High concentrations of neutral salts or colloids as well as organic solvents above 10 % can falsify the result.



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