

REF 918 72

en

Test 0-72

04.14

NANOCOLOR[®] pH 6.5–8.2

Method:

Photometric determination of the pH value in water with phenol red as indicator

Range:	pH 6.5–8.2
Factor:	non linear
Wavelength (HW = 5–12 nm):	436/540 nm
Reaction time:	3 min (180 s)
Reaction temperature:	20–25 °C

Contents of reagent set:

4 empty test tubes
2 bottles *NANOFIX* pH 6.5–8.2 R1

Hazard warning:

This test does not contain any harmful substances which must be specially labelled as hazardous.

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

Procedure:

Sample	Blank value
Open empty test tube and fill with test sample to 10 mL mark. Add 1 NANOFIX R1, close and mix. Clean outside of test tube and measure after 3 min.	Open empty test tube, fill with test sample to 10 mL mark and close. Clean outside of test tube and measure.

Measurement:

For *NANOCOLOR[®]* photometers and PF-12 see manual, test 0-72.

Photometers of other manufacturers:

For other photometers check whether measurement of round glass tubes is possible. Verify calibration curve for each type of instrument by measuring standard solutions.

Disposal:

The contents of test tubes can be flushed into drains with plenty of water.