

REF 91872

Test 0-72 04.23

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
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.

Sample	Blank value
Open empty test tube and fill with test sample to 10 mL mark. Add 1 <i>NANOFIX</i> 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 MACHEREY-NAGEL photometers 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.