GB

PHENOLRED-Liquid Reagent

Order code	Reagent	
47 10 40	PHENOLRED-solution	15 ml
Range	pH 6,5 – pH 8,4	
Sample volume	10 ml	

pH determination

1. Rinse the 10 ml vial with the water sample and fill up to the 10 ml mark.
2. Hold the dropper bottle vertically and press evenly and slowly to add

   6 drops of PHENOLRED solution

   to the vial.
3. Screw the cap on the vial and swirl to mix.
4. As soon as the coloration of the water sample is uniform, measure the pH level according to the instructions of the unit you are using.

   Result = pH
5. Thoroughly clean the vial and cap after each measurement.

Notes

1. When testing chlorinated water, the residual chlorine content can influence the colour reaction of the liquid reagent. This can be avoided (without interfering the pH measurement) by adding a small crystal of Sodiumthiosulphate ($(Na_2S_2O_3 \times 5H_2O)$ to the sample before adding the PHENOLRED solution. PHENOLRED-tablets already contain thiosulphate.
2. Due to differing drop sizes, results can show a discrepancy of ± 0.2 pH units. This can be minimised by using a pipette (0.18 ml PHENOLRED solution is equivalent to 6 drops).
3. Close the dropper bottle with the screw-on cap immediately after use to prevent evaporation of the solvent.
4. Store the reagent in a cool place at a temperature of between + 6°C and + 10°C.

Labelling in accordance with EC Directives

The product is not subject to the labelling regulations according to the consumption procedure of the ”General Classification Directive for Preparations of the EU” in its most recent valid version.

Observe the standard precautions for handling chemicals.

Observe application options, analysis regulations and matrix effects of methods.

Send in for safety data sheets if required.

Dispose of the reagent solution in the proper manner.

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