• Fill the color comparator cube with 5 mL of

before use.

the sample.

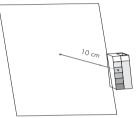
several times.

READ THE ENTIRE INSTRUCTIONS REFORE LISING THE KIT • Note: always shake the HI 3880-0 reagent bottle

• In case of concentration of chlorine above 50 ppm, add one drop of the **Dechlorinating Reagent** to the sample. Replace the cap and mix by inverting the cube

X 1

 It is better to match the color with a white sheet at about 10 cm behind the color comparator cube.



Note: To measure pH in the 6.0-8.5 range use the HI

3886 pH 7.5-10.0 Test Kit.

### **REFERENCES**

## **HEALTH AND SAFETY**

The chemicals contained in this kit may be hazardous if improperly handled. Read Health and Safety Data Sheet before performing this test.

HI 3880/O pH 4.0-6.5 **Test Kit** 

Range	4.0 to 6.5 as pH unit
Smallest Increment	0.5 as pH unit
Analysis Method	Colorimetric
Sample Size	5 mL
Number of Tests	100
Case Dimensions	115x102x82 mm (4.5x4.0x3.2")
Shipping Weight	150 g (5.3 oz.)

## SIGNIFICANCE AND USE

pH represents acidity or alkalinity of an aqueous solution and is proportional to the hydrogen-ion concentration of the solution. Under neutral conditions water is dissociated into the OH and H+ ions in equal ratio and hence it has a pH of 7. When bases or acids are added to a water solution they ionize, increasing the concentration of OH- or H+, respectively. Thus solutions with a pH of 1-3 contain strong acids, whereas those with a pH of 4-6 contain weak acids. Weak bases result in solutions of pH 8-10 and strong bases in pH of 11-13.

Examples of pH value for some liquids:

znampros er pri varas ier seine ilgarae.	

## **CHEMICAL REACTION**

HI 3880-0 Hanna Reagent reacts in contact with the aqueous solution changing its color according to the hydrogenion concentration (pH) in the given range.

# **HANNA** instruments www.hannainst.com

Dear Customer.

Thank you for choosing a Hanna Product.

Please read the instructions carefully before using the chemical test kit. It will provide you with the necessary information for a correct use of the kit.

Remove the chemical test kit from the packing material and examine it carefully to make sure that no damage has occurred during shipping. If there is any noticeable damage, notify your Dealer or the nearest Hanna office immediately. Each kit is supplied with:

- HI 3880-0 pH 4.0-6.5 Reagent, 1 bottle with dropper (25 mL);
- Dechlorinating Reagent, 1 bottle with dropper (10 mL), to be used in presence of chlorine above 50 ppm;
- 1 color comparator cube.

Note: Any damaged or defective item must be returned in its original packing materials.

3881 pH 6.0-8.5 Test Kit.

To measure pH in the 7.5-10.0 range use the HI

Vogel's Quantitative Chemical Analysis 5th Ed. Longman Scientific & Technical

• Replace the cap and mix the solution by inverting the cube several times.

• Add 3 drops of reagent HI 3880-0.



0-0886

X 3