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The  
**LabSales** Company

## POOL & HOT TUB TEST KIT

- Alkalinity
- Calcium Hardness

## **Pool & Hot Tub Testing Kit Instructions**

Good water quality is important for the care of a pool or hot tub and also for the comfort for bathers.

This test kit will allow you to test for chlorine, bromine, pH, total alkalinity and hardness using tests that use the same chemistries as professional systems. Therefore, you can be assured that the readings you obtain are correct and accurate.

## **Testing Tips**

- › Keep out of reach of children
- › Avoid skin contact with reagents
- › Rinse test block and tube after use
- › Follow the instructions
- › Keep block out of direct sunlight
- › Test water regularly and always before use

## **Recommended Levels**

- › Chlorine: Pools 1-3mg/l Hot tubs 3-5mg/l
  - › Bromine: Pools 2-4mg/l Hot tubs 4-6mg/l
  - › pH: 7.2 – 7.4
  - › Total Alkalinity: 80 – 140mg/l
  - › Hardness: Around 200mg/l
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## Measuring Total Alkalinity

- 1** Rinse the sample tube with the water sample and empty it, leaving a few drops at the bottom.
- 2** Add one ALK-TEST tablet and allow to disintegrate completely. A RED colour should be appear.
- 3** Gradually fill the tube with the water sample until the colour changes from RED to BLUE. Swirl the tube gently during

addition to ensure mixing and take care not to overshoot the colour change.

- 4** The total alkalinity result (in mg/l) is identified by reading the graduation under the CaCO<sub>3</sub> scale corresponding to the water level in the tube.
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## Measuring Hardness

- 1 Rinse the sample tube with the water sample and empty it, leaving a few drops at the bottom.
- 2 Add one T-HARDNESS tablet and allow to disintegrate completely. A BLUE colour will be produced.
- 3 Gradually fill the tube with the water sample until the colour changes from BLUE to VIOLET. Swirl the tube gently during

addition to ensure mixing and take care not to overshoot the colour change.

- 4 The hardness result (in mg/l) is identified by reading the graduation under the CaCO<sub>3</sub> scale corresponding to the water level in the tube.



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