

## pH, Chlorine Content, Total Alkalinity, Acid Demand – TEST RESULTS

**Purpose:** In this experiment, you will become familiar with the measurement of pH, Chlorine and Alkalinity/Hardness of water as used in drinking water, swimming pools and hot tubs.

**Student Initial**  
**You've Read This**

- Run all 4 tests on ONE sample prior to going to the next sample. \_\_\_\_\_
- Test 2 uses the solutions from Test 1, so don't throw them out! \_\_\_\_\_

**Instructor's Review of Results** \_\_\_\_\_

**Describe Sample:** \_\_\_\_\_

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**Test #1. pH [ how acidic or basic is the sample ]**

Sample	pH
1.	
2.	

**Test #2. Acid Demand**

Sample	Drops of #	Acid Demand
1.		
2.		

**Test #3. Free and Combined Chlorine Content**

Sample	Free Chlorine	Combined Chlorine
1.		
2.		

**Test #4. Total Alkalinity**

<b>Sample</b>	<b># Drops</b>	<b>Total Alkalinity</b>
1.		
2.		