

chlorine

1. Rinse the **chlorine viewing tube** with pool water. If you rinse with tap water, the residual chlorine could interfere with your tests.
2. Fill the **chlorine viewing tube** to the mark indicated.
3. Using the small spoon provided, add one heaped spoonful of **chlorine detection powder**. If the sample flashes pink for a moment but then returns to clear, or if the sample turns brown, add another spoonful. Replace the lid on the powder immediately to extend the life of your kit.
4. Make sure that the reagent is thoroughly mixed. Occasionally, some parts may not dissolve, especially if the reagent is older. This should not be a problem.
5. One drop at a time, add the **chlorine titrating reagent**. Mix between each drop, and count the total number of drops added until the colour changes to clear. The colour may be very faint, so make sure that it is completely clear. If unsure, add one more drop – if there are no more changes, don't count the extra drop.
6. Divide the number of drops by 2 to get your free chlorine level in parts per million (ppm).
7. Add five drops of **chlorine detection reagent** and mix well. If the sample remains clear, your combined chloramine level is zero. Replace the lid on the reagent immediately to extend the life of your kit.
8. If the sample turns pink again, add one drop at a time of **chlorine titrating reagent**, as per step 5. Count the number of drops until the sample is clear again. Replace the lid on the reagent immediately to extend the life of your kit.
9. Divide the number of drops by 2 to get your combined chloramine level in parts per million (ppm).
10. Dispose of the sample safely. Do not pour the sample and chemicals back into the pool, instead pour down the sink with some running water.
11. Rinse the sample tube with tap water and store in a cool, dark, and dry place.

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