

FAC

Directions for testing the Free Available Chlorine (FAC)

1. **Rinse** the cylinder prior to use.
2. **Fill the cylinder with 25 ml of water** from the PoolComm CAT Controller.
3. Take the **small blue spoon and add 2 scoops** of the **R-0870 powder** to the water sample.
4. After the 2nd scoop, dip the spoon in the sample to make sure it is free of powder.
5. Put the spoon upright in the tray (next to the R-0870 powder) with the **bowl at the top**.
6. **Swirl the water until the powder is dissolved.**
7. If there is any **FAC** present in the sample, the water will turn **pink**.
8. **Add R-0871 one drop at a time.** After each drop, swirl the sample. **Count** the number of drops it takes for the sample to turn clear.
9. **Multiply the total number of drops by .2**
10. The result is the amount of FAC present in the water sample.
11. **Enter the total in the chemical test sheet.**

CC

Directions for testing the Combined Chlorine (CC)

1. Using the same sample you used to test the FAC, add 5 drops of R-0003.
2. Swirl to mix the sample.
3. If there is any **CC** present in the sample, the water will turn **pink**.
4. **Add R-0871 one drop at a time.** After each drop, swirl the sample. **Count** the number of drops it takes for the sample to turn clear.
5. **Multiply the total number of drops by .2**
6. The result is the amount of cc present in the water sample.
7. **Enter the total in the chemical test sheet.**

pH

Directions for testing the pH

1. **Rinse** the pH testing cylinder prior to use.
2. **Fill the cylinder with 44ml of water** from the PoolComm CAT Controller.
3. **Add 5 drops of R-0004.**
4. **Cover** with the black cap.
5. Swirl the water until the sample is mixed.
6. **Set the test sample on the ledge of the white box.**
7. Turn on the white light (switch on the left side of box).
8. **Match the color with the pH color on the tube.**
9. The result is the pH level of the water sample.
10. **Enter the result in the chemical test sheet.**

Alkalinity

Directions for testing the Total Alkalinity

1. **Rinse** the cylinder prior to use
2. **Fill the cylinder with 25ml of water** from the PoolComm CAT Controller.
3. **Add 2 drops of R-0007.**
4. Swirl the water until the sample is mixed.
5. **Add 5 drops of R-0008.**
6. Swirl the water until the sample is mixed.
7. **Add R-0009 one drop at a time.** When the color turns **bright pink** (no blue present), STOP. That said, it's always a good idea to add one more drop to make sure the sample doesn't get pinker.
8. **Multiply the number of R-0009 by 10.**
9. The result is the amount of Alkalinity present in the water sample.
10. **Enter the total in the chemical test sheet.**