

## **SALIFERT IODINE TEST KIT INSTRUCTIONS**

### **Warning!**

KEEP OUT OF REACH OF CHILDREN. Store reagents out of light.

### **Instructions for Iodide Test:**

1. Rinse test vial before use with a little aquarium water and add 2ml of water with the syringe.
2. Add 6 drops of I2-3 and swirl gently for 2-3 seconds after each drop (I2-2 is omitted in this procedure).
3. After exactly 4 minutes after adding this reagent compare colors with the iodide part of the color chart by holding the test vial with its side firmly against a white piece of the color chart and by looking through the opposite side.

Waiting longer than 4 minutes will cause further darkening of the colors. For color comparison use diffuse daylight. Sometimes the colors can have a more yellow tinge depending on the color temperature of the light.

If the color turns blue, purple or black or a precipitate forms then the iodide concentration is far above 0.2 ppm.

After each test rinse the test vial about ten times with tap or RO water.

### **Instructions for Iodate and Iodine Test:**

1. Rinse test vial before use with a little aquarium water and add 2ml of water with the syringe.
2. Add 1 drop of I2-2 (I2-1 is omitted in this procedure) reagent and swirl gently for 10 seconds.
3. Add 6 drops of I2-3 and swirl gently for 10 seconds. Allow it to stand for 3 minutes.

Now look from the side of the test vial. If the color is dark yellow, green or blue or even has several blue colored particles in it then this suggests that the iodate concentration is far higher than 0.2ppm and a precipitate can form in the next step. This might result in the next step in an almost colorless solution with tiny blue particles.

The next step will allow the measurement if the iodate concentration is not far above 0.2ppm

4. Add 5 drops of I2-2 and swirl gently for 10 seconds. Now compare colors with the iodate part of the color chart by holding the test vial with its side firmly against a white piece of the color chart and by looking through the opposite side.

After each test rinse the test vial about ten times with tap or RO water.