

# Testing Procedure

## Step 1

Introduce 10 mL of water sample into the reaction syringe (be careful not to allow any air bubbles)  
Adjust volume of water sample to the mark indicated.



## Step 2

Add reagent Do1 (1 drop) into the reaction syringe through the opening  
Then, inject reagent Do2 (1 drop) into the reaction syringe in the same manner



## Step 3

Close the reaction syringe with the cap provided and continuously swirl the syringe to allow the constant to mix for 1 min.



## Step 4

Adjust volume of solution to the mark indicated.



Add reagent Do3 (4 drops)  
into the reaction syringe as in  
step3 and swirl until all  
precipitates are dissolved

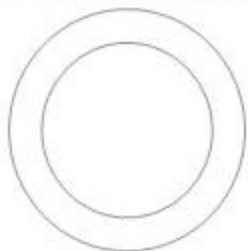


## Step 5

Transfer the solution into the glass bottle to the black mark level. Compare the color of solution using the standard color scale.



Standard color scale (*mg/L or ppm*)



0



1



2




4



6



8

 **Package contents**

- |                                |   |        |
|--------------------------------|---|--------|
| 1) Reaction syringe (20 mL)    | 1 | piece  |
| 2) Reagent Do 1                | 1 | bottle |
| 3) Reagent Do 2                | 1 | bottle |
| 4) Reagent Do 3                | 1 | Bottle |
| 5) Bottle for color comparison | 1 | bottle |

 **Cautions**

- 1) Immediately close all reagent containers after use.
- 2) Avoid contact of liquid reagents with skin and eyes.
- 3) Don't mix reagents, keep them separately.
- 4) Always wash your hands after using the kit.
- 5) Keep the kit out of direct sunlight and away from heat, food, pets, and the reach of children.

 **Information on chemicals**

Reagent Do 2 and Do 3 contains base and acid, respectively, that can irritate eyes and skin.

If contact to skin, wash with plenty of water.

*Keep all bottles tightly closed when not in use*