

Hydrogen PeroxideCode : **XL-108S**Range : **0.1 – 3.0 ppm as H_2O_2** **AQUA-XL**

Water Analysing Kits

Directions for use :

1. Take 10 ml of water sample to be tested in 2-14 ml tube.
2. Add 10 drops of Reagent HP-A. Mix well.
3. Add 10 drops of Reagent HP-B. Mix well. Wait for 6 minutes.
4. In another test jar add 10 drops of Reagent-A & 10 drops of Reagent HP-C & transfer solution in the 2-14 ml tube to this jar. Mix well.
5. If pink colour does not appear, then Hydrogen Peroxide is absent. If pink colour appears Hydrogen Peroxide is present.
6. Now add Reagent HP-D drop wise, counting the number of drops while mixing until the **last traces of PINK colour disappears.**

CalculationsHydrogen Peroxide as ppm H_2O_2 = 0.1 x Number of drops of Reagent HP-D**Note: After the end point (Colourless) has reached, if the pink colour reappears on keeping it should be ignored.****Hydrogen Peroxide**Code : **XL-108L**Range : **1 - 20 & 5 - 100 ppm as H_2O_2** **AQUA-XL**

Water Analysing Kits

Directions for use :

1. Take 10 ml of water sample to be tested in the Test jar.
 2. Add 7 drops of Reagent HP-1. Mix well.
 3. Add 4 drops of Reagent HP-2. Mix well.
 4. Then add 3 drops of Reagent HP-3. Mix well.
 5. A **BLUISH BLACK** colour is obtained here.
 6. Now add Reagent HP-4L drop wise, counting the number of drops while mixing until the **BLUISH BLACK** colour disappears.
- # If the expected Hydrogen Peroxide of the sample is more than 20 ppm then use Reagent HP-4 instead of Reagent HP-4L.

CalculationsHydrogen Peroxide as ppm H_2O_2 = 1 x Number of drops of Reagent HP-4L.

= 5 x Number of drops of Reagent HP-4.

Note : *This test kit gives Hydrogen Peroxide content in drinking water / mineral water in which other oxidising agents are presumed to be absent.*

Hydrogen Peroxide

Code : XL-108

Range : 5 - 100 & 50 – 1,000 ppm as H_2O_2 **AQUA-XL**
Water Analysing Kits**Directions for use :**

1. Take 10 ml of water sample to be tested in the Test jar.
2. Add 7 drops of Reagent HP-1. Mix well.
3. Add 4 drops of Reagent HP-2. Mix well.
4. Then add 3 drops of Reagent HP-3. Mix well.
5. A **BLUISH BLACK** colour is obtained here.
6. Now add Reagent HP-4 drop wise, counting the number of drops while mixing until the **BLUISH BLACK** colour disappears.

If the expected Hydrogen Peroxide of the sample is more than 100 ppm then use Reagent HP-5 instead of Reagent HP-4.

Calculations

Hydrogen Peroxide as ppm = 5 x Number of drops of Reagent HP-4.

H_2O_2

= 50 x Number of drops of Reagent HP-5.

Note : *This test kit gives Hydrogen Peroxide content in drinking water / mineral water in which other oxidising agents are presumed to be absent.*