

**Zinc****Code : XL-205****Range : 0.3 – 4.5 & 3-45 ppm as Zn.****AQUA-XL**  
Water Analysing  
Kits**Directions for use :**

1. Take 10 ml of a sample to be tested in the Test jar.
2. Add 10 drops of Reagent ZN-1. Mix contents well.
3. Add 1 drop of Fluoride FL-1. The sample will turn **yellow**.
4. Now drop wise add Reagent ZN-2 till the solution turns **colourless**.
5. Add 10 drops of Reagent ZN-3. Mix well.
6. In another plastic test jar, take 5 ml Isopropyl Alcohol (IPA is not provided) and add 1 micro spoon full of ZN-4. Mix Gently. (Complete dissolution will not take place. Allow undissolved residue to settle Do not wait for longer time for complete settling) and decant the solution in the first Sample test jar.

*P.T.O.***Zinc****Code : XL-205****Range : 0.3 – 4.5 & 3-45 ppm as Zn.****AQUA-XL**  
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7. If the colour of solution remains **BLUE**, then Zinc is absent. If solution turns **PINK**, then Zinc is present.
8. Now add ZN-5 drop wise, counting the number of drops while mixing until all the **PINK** colour traces disappears and sample turns **BLUISH GREY**.

**Calculations :**

Zinc as ppm Zn = 0.3 x Number of drops of Reagent ZN-5

*Note : Above testing, should be done in subdued light and avoid direct sunlight.*

*If Zinc ppm level of the sample is more than 4.2 ppm then take 1ml sample dilute it up to 10ml mark with distilled water and follow direction for use from step no.2. and multiply test result by 10 to get final ppm level of Zinc.*