

Hydrogen Sulfide**Code : XL-314****Range : 1 – 20 & 10 - 200 ppm as S²⁻****AQUA-XL**
Water Analysing Kits**Directions for use :**

1. Take water sample to be tested in two tubes up to 5ml mark.
2. In first tube add 7 drops of reagent HS-1 & 2 drops of reagent HS-2. Close the cap & mix by inverting only once.
3. In second tube add 7 drops reagent HS-3 & 2 drops of reagent HS-2. Close the cap & mix by inverting only once. (If sulfide is present in the sample, blue colour will appear in first tube)
4. Wait for 5 minutes.
5. Now add 15 drops of reagent HS-4 to each tube. Close the caps & mix well by inverting both the tubes 2-3 times.
6. Wait for 10 minutes.
7. After 10 minutes mix contents of both the tubes by inverting 2-3 times.
8. Now open the caps & hold both tubes side by side & add reagent HS-6 to the second tube, one drop at a time mixing gently after each drop, counting the number of drops added until the blue colour in the second tube matches the blue colour in the first tube.

p.t.o.

Hydrogen Sulfide**Code : XL-314****Range : 1 - 20 & 10 - 200 ppm as S²⁻****AQUA-XL**
Water Analysing Kits**Calculations : -**Sulfide ppm as S²⁻ = 1 X Number of drops of reagent HS-6

To convert Sulfide to Hydrogen Sulfide multiply Sulfide by 1.062

If the expected sulfide of the sample is more than 20 ppm then take 0.5 ml sample & dilute it upto 5ml mark with distilled or drinking water. Multiply obtained result by 10.

Caution : Reagent HS-1 & reagent HS-3 is highly acidic therefore handle carefully.

Hydrogen Sulfide**Code : XL-304****Range : 0.1 - 2 & 1 - 20 ppm as S²⁻****AQUA-XL**

Water Analysing Kits

Directions for use :

1. Take water sample to be tested in two tubes upto 5ml mark.
2. In first tube add 7 drops of reagent HS-1 & 2 drops of reagent HS-2. Close the cap & mix by inverting only once.
3. In second tube add 7 drops reagent HS-3 & 2 drops of reagent HS-2. Close the cap & mix by inverting only once. (If sulphide is present in the sample, blue colour will appear in first tube)
4. Wait for 5 minutes.
5. Now add 15 drops of reagent HS-4 to each tube. Close the caps & mix well by inverting both the tubes 2-3 times.
6. Wait for 10 minutes.
7. After 10 minutes mix contents of both the tubes by inverting 2-3 times.
8. Now open the caps & hold both tubes side by side & add reagent HS-5 to the second tube, one drop at a time mixing gently after each drop, counting the number of drops added until the blue colour in the second tube matches the blue colour in the first tube.

p.t.o.

Hydrogen Sulfide**Code : XL-304****Range : 0.1 - 2 & 1 - 20 ppm as S²⁻****AQUA-XL**

Water Analysing Kits

Calculations : -

Sulphide ppm as S²⁻ = 0.1 X Number of drops of reagent HS-5

To convert Sulphide to Hydrogen Sulphide multiply Sulphide by 1.062

If the expected sulphide of the sample is more than 2 ppm then take 1ml sample & dilute it upto 5ml mark with distilled or drinking water. Multiply obtained reading by 5.

Caution : Reagent HS-1 & reagent HS-3 is highly acidic therefore handle carefully.