

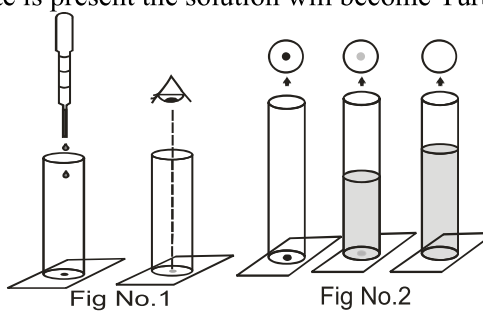
**Sulphate**

Code : XL-303

Range : 10-1000 ppm as  $SO_4$ **AQUA-XL**  
Water Analyzing Kits**Directions for use :**

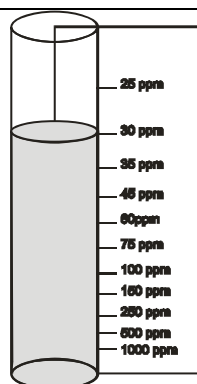
1. Take 25 ml (up to the mark) water sample in Plastic Jar.
2. Add 22 drops of Reagent ST-1. Close the cap & mix by inverting 3-4 times
3. Add 2 flat spoonful of Reagent ST-2. Close the cap & mix by inverting the jar 30-35 times (If Sulphate is present the solution will become Turbid)

4. Place the glass tube on the Black Point No.1 (Point card is provided separately) & look from the top of the tube at the Black Point. Use dropper to fill the tube with the turbid solution until the Black Point completely disappears (Fig No.1 & 2)



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5. Hold the tube close to the Graduated scale as shown in the figure No.3
6. Read directly from the Graduated Scale, the concentration in ppm of the Sulphate that corresponds to the level of the liquid in the tube. (Match upper layer of the liquid)
7. If Black point No.1 does not disappear even after filling the tube with entire turbid solution, then place this tube on Black point No.2. Here if Black point disappears then Sulphate is about 15 ppm. If Black point is still visible then Sulphate is less than 15 ppm (i.e. about 10 ppm or less)

**Fig No.3**

**Note :** To prevent glass tube from falling down, hold it with hand while filling the turbid solution.