

Potassium
Code : XL-310
Range : 13 - 1000 ppm as K

AQUA-XL
Water Analyzing Kits

Directions for use:

1. Take 20 ml water sample in 5 – 50 ml plastic test jar.
2. Add 20 drops of Potassium A, mix & add 20 drops of Potassium B, mix well
3. Add exactly 1 flat spoonful of Potassium C. Close the cap & mix by inverting the jar 30 times only (Do not mix again). Wait for exactly 5 minute.
4. Place the glass tube on the Black Point No.1 & while looking from the top of the tube at the Black Point, fill it with the turbid solution until the Black Point disappears (Refer Fig. No.1 & 2, do not drop solution at the center of the tube)
5. Hold the tube close to the graduated scale as shown in fig. No. 3.
6. Read directly from the graduated scale, the concentration in ppm of the Potassium that corresponds to the level of the liquid in the tube.
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 Potassium is about 13 ppm. If Black Point is still visible, then Potassium is less than 13 ppm.

P.T.O.

8. If Potassium is more than 50 ppm, then take 2 ml sample & dilute it up to 20 ml mark with distilled or potassium free potable water and follow Directions for use from step no. 2. Multiply obtained reading by 10. (If potassium is more than 500 ppm then take 1 ml sample instead of 2 ml in step no. 8 & multiply obtained reading by 20).

Important: In order to take exactly 1 flat spoonful of Potassium C, fill spoon with Potassium C powder and tap it horizontally on the open neck of the Potassium C container then tilt it on left, right side and tap to remove excess powder.

