

## User Guide

### Preparation of Cap:

- Take out the cap of the bottle and open the plastic latch. You will see a niche and a hole in the middle of the cap.
- Take out one nos. of the Arsenic Reaction Strip from the bottle. Observe that the reaction strip has a pad on one end, this is reaction area "DO NOT TOUCH THIS AREA WITH YOUR HAND". On the back side you will see a red line.
- Place the strip into the niche in such a way that the reaction area is facing down and covers the hole properly on the cap. The red line will be facing you. Now close the latch properly and check that the reaction strip is fastened properly. Keep this cap aside.

### Test Methodology:

- 1) Take sample to be tested in the test bottle upto "FILL UPTO HERE" mark.
- 2) Add 1 drop of **Arsenic Reagent 1** and mix the contents.
- 3) Now add 1 "Orange scoop" full of **Arsenic Reagent 2**. Swirl the contents gently. The colour appeared after adding Reagent 1 will disappear.
- 4) Add 2 drops of **Arsenic Reagent 3** to the above, followed by 1 "**white scoop**" full of **Arsenic Reagent 4** and mix the contents (Do not make heap of the reagent 4 while taking, use leveller tool to take the right amount.)
- 5) Now add 1 "**Blue scoop**" full of Arsenic Reagent 5 (Do not make heap of the reagent 5 while taking, use leveller tool to take the right amount.) close the cap immediately ("cap" having the test strip as prepared earlier) as firmly as possible without disturbing the test strip.
- 6) Swirl the test tube bottle gently and allow to stand for 12 minutes, while swirling intermittently. Care should be taken while swirling, so the sample do not touch the reaction strip.
- 7) After 12 minutes take out the reaction strip and compare the developed colour with colour card.

### Reading:

Hold the reaction area of the test strip close to the holes from behind of the colour chart and look for closest colour match by observing through hole.