

# AQUA-XL Water Analysing Kits

## Silica

### Code: XL 502

#### Directions for use :

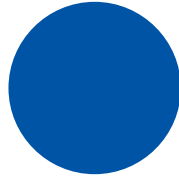
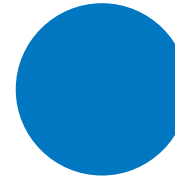
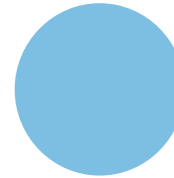
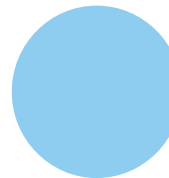
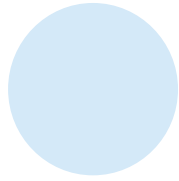
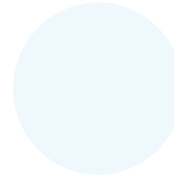
- 1) Rinse the plastic jar 2-3 times with water sample. Fill it upto the 10ml mark.
- 2) Add 4 drops of Reagent S-1, & 8 drops of Reagent S-2. Mix well Wait for 5 minutes.
- 3) Add 8 drops of Reagent S-3. Mix well & wait for 2 minutes.
- 4) Add 8 drops of Reagent S-4. Mix well wait for 5 minutes.
- 5) Fill the glass jar with above solution upto 10 ml mark.
- 6) Place the glass jar on colour card & match with different colours (View from topside-vertically downwards)
- 7) Note down the ppm level of silica as  $\text{SiO}_2$  after colour comparison.

0.0 ppm

0.1 ppm

0.2 ppm

0.4 ppm



0.7 ppm

1 ppm

2.5 ppm

5 ppm

#### Silica

Code : XL-512

Range : 5, 10, 20, 40, 60 & 80 as ppm  $\text{SiO}_2$

**AQUA-XL**  
Water Analysing Kits

#### Directions for use :

1. Take 10 ml of water sample to be tested in the Plastic Test jar.
2. Add 4 drops of Reagent S-1 and 8 drops of Reagent S-2. Mix well.
3. Wait for 5 minutes.
4. Add 8 drops of Reagent S-3. Mix well. Wait for 2 minutes.
5. Now rinse the empty comparator tube with above solution and fill upto the half level of the comparator tube.
6. Insert this tube in one of the sample slot (S) of the Comparator in such a way that the sample tube colour is close to the matching colour of the comparator.
7. Note down the **ppm level of Silica as  $\text{SiO}_2$  after colour comparison.**

**Silica****Code : XL-522****Range : 20, 40, 80, 160, 240 & 320 ppm as SiO<sub>2</sub>****AQUA-XL**  
Water Analysing Kits**Directions for use :**

1. Take 2.5 ml sample (use syringe) in a Plastic Jar & dilute it upto 10 ml mark with Deionized water. Mix well.
2. Add 4 drops of Reagent S-1 and 8 drops of Reagent S-2. Mix well by inverting the test jar at least 6 times.
3. Wait for 5 minutes.
4. Add 8 drops of Reagent S-3. Mix vigorously. Wait for 2 minutes.
5. Now rinse the empty comparator tube with above solution and fill upto the half level of the comparator tube.
6. Insert this tube in sample slot of comparator.
7. Compare the developed colour with standard comparator colours.
8. Note down the **ppm level of Silica as SiO<sub>2</sub>**.