

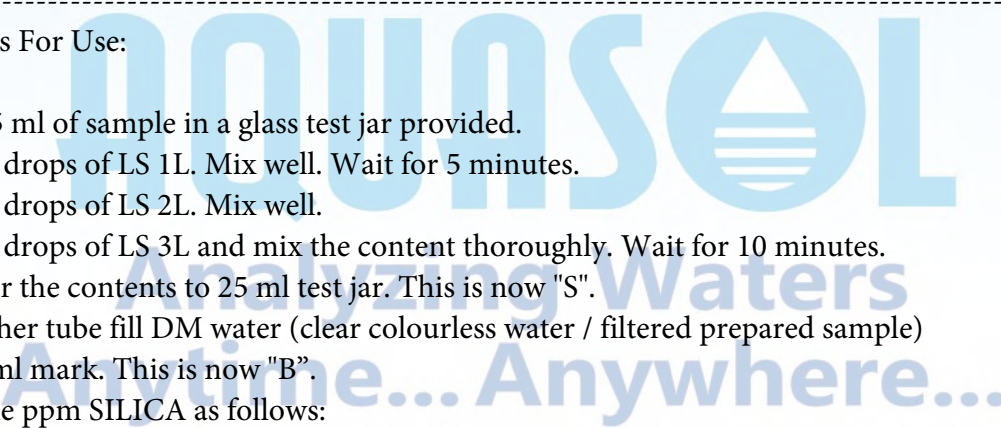


Silica

0.01, 0.025, 0.05, 0.075, 0.1 ppm

AE 312

Directions For Use:

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- 1) Take 25 ml of sample in a glass test jar provided.
 - 2) Add 35 drops of LS 1L. Mix well. Wait for 5 minutes.
 - 3) Add 65 drops of LS 2L. Mix well.
 - 4) Add 15 drops of LS 3L and mix the content thoroughly. Wait for 10 minutes.
 - 5) Transfer the contents to 25 ml test jar. This is now "S".
 - 6) In another tube fill DM water (clear colourless water / filtered prepared sample) up to 25 ml mark. This is now "B".
 - 7) Read the ppm SILICA as follows:
 - a) Place the Tube 'B' on blue circle and Tube 'S' on the white circle next to each other.
 - b) View from top of both the tubes and observe the circles.
 - c) Arrive at the appropriate reading by moving both the tubes together from one concentration to another. Match the correct colour.
 - d) Read the ppm SILICA as SiO₂ from the colour chart.

Note: The pH of water should be preferably neutral. Therefore neutralize highly acidic or alkaline sample to pH 6.5 to 7.5.

