#4463 - Silica Test Kit

(0.5-10.0 & 10 - 100 ppm Silica as SiO2)

Test Range 0.5-10.0ppm

- 1. Fill the tube (0230) to the line with the water sample to be tested.
- 2. Add 7 drops of Silica Reagent #1 to the sample, cap and mix by inverting four times.
- 3. Add 6 drops of Silica Reagent #2 to the sample, cap and mix by inverting four times.

 Let the sample stand for 5 minutes.
- 4. Add 6 drops of Silica Reagent #3 to the sample, cap and mix by inverting four times.
 - Let the sample stand for 2 minutes.
- 5. Use pipet (0352) to add 2 drops of Reducing Reagent (6405), cap and mix.

 A **Blue** color develops in 10 seconds if Silica is present.
- 6. Insert tube in comparator and read results. Record ppm Silica. Note: If test color is darker than the 10.0 ppm standard, repeat test on diluted sample.



Test Range: 10 - 100 ppm

- 1. Using 0.5ml pipet, add 0.5ml to the test tube of the water sample to be tested.
- 2. Add Silica free (distilled) water until the tube is filled to the 5.0ml mark. Follow Steps 2-6 above.

Multiply the reading by 10. Record ppm Silica.

MCI Test Procedure

Replacement Reagents & Equipment for Silica Test Kit #4463
1- 4571-X Silica Reagent #1
1- 4467-X Silica Reagent #2
1- 4468-X Silica Reagent #3
1- 6405-X Reducing Reagent
2- 0230 Test Tube, 5ml
1- 4465 Silica Comparator, 0.5 -10.0 ppm
1- 403, Eyedropper, Glass
1- 404 Plastic Test Case w/nested foam insert, Blue
1- 759G Eyedropper Glass,
Graduated at 0.5 & 1.0ml

Product Control Notes:						
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