

Total Hardness
5-100 ppm , 25-500 ppm

AE221

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Directions for Use (A): (5 -100 PPM)

1. Take 25 ml of water sample to be tested in the test jar.
2. Add one spoonful (provided herewith) of TH 1S.
3. Mix contents well to dissolve.
4. Add 10-12 drops* of TH 2 and mix contents well.
5. If colour turns blue, it indicates there is 'No Hardness' in the water.
6. If colour turns red, it indicates there is 'Hardness'.
7. Now drop wise* add TH 4, counting the number of drops while mixing, until the colour changes from red to blue.

* If the colour does not change to blue after adding 20 drops the hardness of the sample is more than 100 PPM. Now use Direction for use (B)

Directions for Use (B): (25 - 500 PPM)

1. Take 10 ml of water sample to be tested in the test jar.
2. Add one spoonful (provided herewith) of TH 1S.
3. Mix contents well to dissolve.
4. Then add 10-12 drops of TH 2, and mix contents well.
5. Now drop wise* add TH 5, counting the number of drops while mixing, until the colour changes from red to blue.

Calculations:

Total Hardness as ppm $\text{CaCO}_3 = 5 \times (\text{Number of drops of TH 4})$

Total Hardness as ppm $\text{CaCO}_3 = 25 \times (\text{Number of drops of TH 5})$

*For controlled addition of drops, follow instructions on the dispenser.

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