

HARDNESS TEST KIT:

Product Code: SP-KS-101

Total Hardness Method:

- 1) Rinse the test tube with the water to be tested. And fill to the 5 ml mark.
- 2) Add 2 drops MB Indicator (Eriochrome Black T), place the stopper and shake it.
- 3) If color is blue, there is no hardness in the water to be tested.
- 4) If color changes blue to pink, add Total Hardness Titration Solution drop by drop until color changes pink to blue again.
- 5) Total drops of hardness titration solution = Total French Hardness of water to be tested.
- 6) Each drop of titration solution is equal to one French hardness degree.

Note: 1 Fr0 = 10 mg/l(ppm) CaCO₃ = 0,2 epm = 0,2 mval/ l

1 epm = 50 mg/l(ppm) CaCO₃ = 1 mval/l