



EFFEGI BREGA®

Kit TOTAL HARDNESS of WATER

Practical - Fast - Accurate



Item Code: 200073

Kit contents:

- 1 bottle 25cc hardness titration - 1 bottle 15cc Hardness Indicator
- 1 20cc capped tube - instructions for use.

Type of analysis: volumetric.

Method: titration of alkaline earth metals (especially calcium and magnesium) with EDTA
Sensitivity: 0.5 French degrees (on a 10 ml sample)

How to use

Enter 10 ml of sample into the tube, add the indicator and afterwards the titrant, counting the drops until the color of the solution changes.

The drops of titrant consumed correspond to the value of total alkalinity.



visual colorimetric analysis.

Description of analysis

It is customary to express the values found in °f (French degrees) or ppm CaCO₃, where °f 1 corresponds to 10 ppm CaCO₃. It is called "total hardness" (to distinguish it from the "carbonate hardness" corresponding to the alkalinity M).

Remarks:

Strictly speaking, strontium and barium are titrated along with calcium and magnesium, but in normal water the concentration of the latter is so low as to be neglected.