

### Total Hardness as Calcium

1. Using a pipette, measure 1.0 mL into a white titration dish and dilute to a convenient volume with distilled water.
2. Add 4 drops of Hardness Buffer and 2 drops of Hardness Indicator. A red color will develop if calcium is present.
3. While swirling or stirring continuously, add Titraver 400 with a pipette until the color changes from red to blue. At this end point record the number of milliliters of Titraver 400 added.

$$\text{mg/L hardness (as calcium)} = 400 \times \text{mL of titraver 400 added}$$

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MARKET