



Total Hardness: Burette Method

1. Measure 25 ml of filtered sample into casserole.
2. Add one (1) ml (25 drops) of Versenate Hardness Buffer H02 Solution #275 and stir.
3. Add one (1) spoonful of Total Hardness Indicator H-3 Reagent #277. Sample will turn red when hardness is present.
4. Fill burette and slowly add Versenate Hardness Titrant H-1 Solution #274, stirring constantly. When near end point, the sample begins to show a blue coloration. From this point on, stir in each drop until all trace of red disappears and a true blue color develops. This is the end point. Multiply ml of reagent used by 40. Result is ppm total hardness (as Calcium Carbonate).

Note: Chromate in the sample tested causes the color at the end point to be green instead of blue.