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## AQUAKLEAN RP 700 CONTROL TITRATION 1N Acid

### Reagents and Equipment:

- 0 - 10 ml titrating burette (with 0.1 ml markings)
- 1N "Acid" HCl solution or Sulfuric Acid 1N.
- Phenolphthalein Indicator Solution (ppn)
- 500 ml Erlenmeyer flask or beaker
- 100-250 ml graduated cylinder

### Procedure:

1. Measure 250 ml of the AquaKlean RP 700 bath into the Erlenmeyer flask.
2. Add 4-5 drops of the Phenolphthalein Indicator Solution (ppn) into the flask.
3. Titrate with 1N "Acid" solution to a ppn endpoint - "WineRed to Clear".
4. Record number of ml testing solution used as "T".
5. Concentration of AquaKlean RP 700, in percent by volume, is calculated by

$$T \times 1.0 = \% \text{ by volume of AquaKlean RP 700}$$

Calculation Example: For T = 2.0,  $2.0 \times 1.0 = 2.00$  % by volume of AquaKlean RP 700

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## AQUAKLEAN RP 700 CONTROL TITRATION 2 N Acid

### Procedure:

1. Use same procedure as above with 2N "Acid".

$$T \times 2 = \% \text{ by volume of AquaKlean RP 700}$$