

Conductometric titrations of

1. Strong acid(HCl) with strong base (NaOH)
2. Weak acid(AcOH) with strong base (NaOH)
3. Mixture of strong & weak acids with strong base.

pH metric titrations of

1. Strong acid with strong base
2. Mixture of carbonate and bicarbonate with HCl

Colorimetry:

1. Verification of Beer's Law with 1. $K_2Cr_2O_7$
2. Colorimetric determination of Fe(III) with thiocyanate .