**Titration Lab**

**What is the point of titration?**

**What does a titration determine?**

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**Purpose:**

* To determine the concentration of hydrochloric acid

**Materials:**

* Buret with NaOHsolution
* Buret with HCl
* Erlenmeyer flask
* White paper
* BTB or PHTH
* Funnel
* Beaker of NaOH

**Procedure:**

* Add NaOH to a buret using a funnel—remove air from the buret
* Add 10.00 mL of HCl into an Erlenmeyer flask
* Add 2 drops of indicator to the HCl
* Add drops of NaOH from the buret
* Swirl
* Continue until indicator changes colour

**Observations:**

**Calculations:**

**Conclusion:**

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What is the **endpoint** of a titration?

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What is the **equivalence point** of a titration?

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