

**CONFIDENTIAL OF REQUIREMENTS**

- Burette
- Pipette
- 2 conical flasks
- 120cm<sup>3</sup> of 2.0M NaOH labelled B
- 100cm<sup>3</sup> of 0.2M H<sub>2</sub>SO<sub>4</sub> labelled A
- 250cm<sup>3</sup> volumetric flask
- A label
- Pipette filter
- Stand and clamp
- 500cm<sup>3</sup> distilled water
- Phenolphthalein indicator
- 100cm<sup>3</sup> plastic beaker
- Thermometer
- 10cm<sup>3</sup> measuring cylinder
- 100cm<sup>3</sup> measuring cylinder
- 50cm<sup>3</sup> 2.0M HCl, Solution D
- 50cm<sup>3</sup> 2.0M NaOH
- 6 test tubes in a test tube rack
- 0.2g of solid N (Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>)

**REAGENTS**

- 2M NaOH
- 2M NH<sub>4</sub>OH
- Ba (NO<sub>3</sub>)<sub>2</sub> solution
- 2M nitric acid
- Potassium iodide solution