

FORM FOUR CHEMISTRY PRACTICAL

TERM 1 -2017

CONFIDENTIAL

In addition to the fittings and apparatus found in a chemistry laboratory each student will require the following,

- 4g of oxalic acid labelled solid P in a boiling tube
- 500mls distilled water
- One thermometer
- Hot water bath
- Cold water in a plastic beaker
- One burette 0-50mls
- One boiling tube
- One pipette 25ml
- About 20cm³ of solution B (2.5M Hcl)
- About 100cm³ of solution C (0.100M Na₂CO₃ solution)
- One 10ml measuring cylinder
- One 250ml volumetric flask
- One label
- One metallic spatula
- Test tube rack
- 6 test tubes
- Two conical flasks
- Solid W (about 1g)
- Solid Z (about 1g)
- Solid sodium hydrogen carbonate
- Red and blue litmus papers

Access to;

- 2M aqueous NaOH supplied with a dropper
- 2M aqueous NH₃ supplied with a dropper
- Bromine water
- Methyl orange indicator
- Bunsen burner
- 2M barium nitrate solution
- 2M Nitric acid solution

note

1. solution C is prepared by dissolving 10.6g of solid sodium carbonate in 500ml water and adding enough water to make up to one litre.
2. solution B is prepared by measuring 216mls of concentrated hydrochloric acid and adding enough water to make up to one litre.
3. solid W is a mixture of ammonium sulphate and zinc sulphate in the ratio of 1:1
4. solid Z is succinic acid.