

## CONFIDENTIAL

In addition of apparatus formed in lab, each student is expected to have;

1. 100cm<sup>3</sup> of solution A
2. 100cm<sup>3</sup> of solution B
3. 0.5g of solid E
4. Burette
5. Pipette
6. 2 conical flask
7. 6 test tubes in rack
8. 1 boiling tube holder
9. Test tube holder
10. Distilled water in wash bottle.

### Access

- 0.5 mBa (NO<sub>3</sub>)<sub>2</sub> solution and dropper.
- 2M NaOH solution and dropper.
- Source of heat.
- 0.1MPb (NO<sub>3</sub>)<sub>2</sub> solution and dropper.
- 2MHNO<sub>3</sub> solution and dropper.
- Solution A is acidified 0.01MK<sub>2</sub>CrO<sub>7</sub>.
- Solution B is 0.1MNa<sub>2</sub>SO<sub>3</sub>.
- Solution E is about 0.5g of MgSO<sub>4</sub>.H<sub>2</sub>O.

### NOTE:

Solution A is prepared by dissolving 2.94g of K<sub>2</sub>CrO<sub>7</sub> in 200cm<sup>3</sup> of 2MH<sub>2</sub>SO<sub>4</sub> then adding distilled water to 1l of solution.