**MOMALICHE 2 CYCLE 6**

**CONFIDENTIAL INSTRUCTIONS FOR CHEMISTRY PAPER 3**

**Requirements per candidate**

* + - 1. 250cm3Volumetric flask
			2. 10cm3 measuring cylinder
			3. 2 conical flasks
			4. Labels about 2
			5. Thermometer - -10 to 110 0C
			6. Complete retort stand
			7. Filter funnel
			8. 0.2M NaOH – 100cm3 solution X
			9. Pipette
			10. Burette
			11. Exactly 3.6g of solid P
			12. 50ml of solution **W** in beaker. W is distilled water
			13. Solid M- 0.1g in container
			14. Distilled water (500ml)
			15. One boiling tube and four test tubes per candidate
			16. 60 cm3 of soap solution

Notes for preparation

1. Solid P is ethandioic acid dehydrate H2C2O4.H2O
2. Solid M is magnesium sulphate
3. Solution X is 0.2 M sodium hydroxide
4. Soap solution 5g of solid soap dissolved in 1 litre of water, best soap brands are Menengai, Kwanga, Panga……

**Access to:**

* + - 1. 2M NaOH solution
			2. 2M Ba(NO3)2 solution
			3. 2 Na2SO4 solution
			4. Source of flame/heat
			5. Phenolphthalein indicator
			6. 2M HNO3 solution