

S6 CHEMISTRY CONFIDENTIAL P3

Each student should be provided with the following

1 Burettes (50cm³)

1 Pipette (20 or 25 cm³)

1 Measuring cylinder (50cm³)

1 Volumetric flask (250cm³)

2 Conical flasks

1 Retort stand

7 Test tubes

1 Boiling tube

1 Filter paper

Porcelain dish

3 Beakers

100cm³ of 2M Sulphuric acid

100cm³ of CA1

100cm³ of CA2

CA1 is made by dissolving 3.16g of potassium manganate (vii) in water to make 1dm³ of solution.

CA2 is made by dissolving 19.6g of Ammonium ferrous sulphate -6-water in water to make 1dm³ of solution.

Y is Ammonium oxalate

X is a mixture of Al₂(SO₄)₃.12H₂O + NiSO₄ + Anhydrous Na₂CO₃ in the ratio 3: 2:1

W is Cinnamic acid

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