

TRANS-MARA WEST ASSESSMENT TEST

JULY/AUGUST 2014

PRACTICAL 233 CONFIDENTIAL

Each candidate should have the following.

1. Exactly 5.0g of solid A – Oxalic
2. Solution B – 0.07M acidified potassium Manganate (VII)
3. Burette 50ml
4. Pipette filter
5. Pipette 25ml
6. Thermometer (-10-110)°C
7. 10cm³ measuring cylinder
8. 2 conical flask
9. 250ml volumetric flask
10. Means of labeling
11. Solid P – mixture BaCl₂ and CaO in the ratio of 3:1 (measure about 0.5g)
12. Solid Q – 0.5g of maleic acid
13. Source of heat
14. Metallic spatula
15. Test tube holder
16. Filter paper
17. Filter funnel
18. 6 test tubes
19. Boiling tube

Accessible to the following.

- 2m sodium hydroxide solution with dropper
- 2m hydrochloric acid with dropper
- Methyl orange indicator with dropper
- 4M sodium sulphate solution
- Acidified potassium dichromate (VI) with a dropper
- Acidified potassium manganate (VII) with a dropper
- Bromine water – with a dropper.