

## SCHEDULE 2

### METHODS OF ANALYSIS

#### 13b.

#### *DETERMINATION OF TOTAL MAGNESIUM —EDTA METHOD*

#### **4.9 REAGENTS**

4.9 pH 10.5 buffer solution: dissolve 33 g ammonium chloride in 200 ml of water, add 207 ml ammonia solution ( $d = 0.880$  g/ml) *from a freshly opened bottle* (or an equivalent amount of diluted ammonia, for example if  $d = 0.91$  g/ml, use 250 ml). Make up the volume to 500 ml with water and mix. Check the pH of this solution regularly.