**NCHE111**

**EXPERIMENT 7: Determination of concentration of bases**

**Report Sheet**

|  |  |  |
| --- | --- | --- |
| Initials + Surname | Student number | Signature |
|  |  |  |

**Burette readings in Fig 6.7**

A B

C D

**Results**

1. **Titration of HCl and NaOH**

Pipette contains

Burette contains

Indicator used

|  |  |  |  |
| --- | --- | --- | --- |
| Titration number | 1st titration | 2nd titration | 3rd titration |
| Initial burette reading |  |  |  |
| final burette reading |  |  |  |
| volume of HCl added |  |  |  |

Mean volume added:

**(b) Calculations**

(a) Concentration of sodium hydroxide

nHCl = cHCl x VHCl

=

= mol

From the balanced equation :

nNaOH = nHCl

**=** mol



=

= mol dm-3