Data and Results Entry Form-1

**EXP.1: STANDARDIZATION OF SODIUM HYDROXIDE (NaOH) SOLUTION WITH STANDARD OXALIC ACID (C2H2O4.2H2O) SOLUTION.**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, ID: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Section: \_\_\_\_\_\_\_\_\_**

**EXPERIMENTAL DATA:**

*Strength of oxalic acid solution* =  (N)

**Table:** *Standardization of supplied NaOH solution against standard oxalic acid solution­ by acid-base titration.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***No. of reading*** | ***Vol. of NaOH ( in mL.)*** | ***Vol. of Oxalic acid (burette reading) (in mL)*** | | | ***Mean (in mL)*** |
| Initial | Final | Difference |
| 1 | 10 | 0.00 | 8.50 |  |  |
| 2 | 10 | 8.50 | 17.10 |  |  |
| 3 | 10 | 17.10 | 25.60 |  |  |

**CALCULATIONS:**

*The strength of supplied NaOH solution*:

VNaOH x NNaOH = VOxalic acid x NOxalic acid

**RESULTS:**

*The strength of supplied NaOH solution is ……………………..(N).*