Lab Report for 10/10/23:

* + The boiling point tests were done for 50mL chloroform and ethanol solutions. On top of that, 50mL of water and 50% ethanol solutions were boiled with 0.05g of peel.
  + A new 0.05 moldm-3 CuSO4 standard was also made using 1.250g of powder.

Lab Work: (10:20-12:40)

* Around 0.1g of PPP (pomegranate peel powder) was added to 2 different beakers.
* Then, 50mL of chloroform and ethanol were added to each beaker using a measuring cylinder.
* Afterwards, the beakers were placed on the heating mantle at 373K.
  + They were removed when the solutions started boiling and some amount of them had boiled off.
* Then they were filtered and 20mL of the filtrates were pipetted out and 10mL of the copper standard was added to them using a measuring cylinder.
* The same procedure was followed for water and 50% ethanol except only 0.05g of PPP was used.
* Then all the solutions were placed on the rotary shaker.

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| **Solvent** | **Mass of PPP (grams)** |
| Ethanol | 0.108 |
| Chloroform | 0.1174 |
|  |  |
| Water | 0.046 |
| Ethanol | 0.049 |