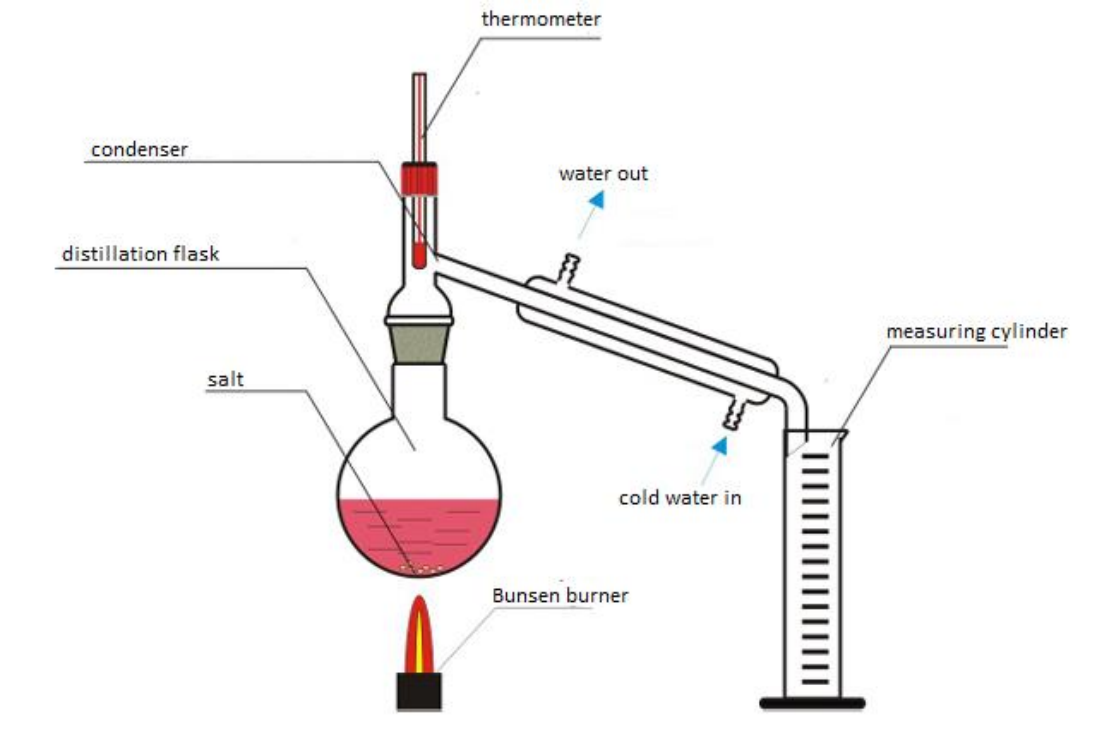
Distillation in laboratory



$$\text{Yield (\%)} = \frac{V_{distillate}}{V_{starting\ mixture}} \text{ x100}$$

1. Measure the volume of the starting mixture using a measuring cylinder.
2. Pour the starting mixture into the distillation flask and throw in a few pieces of salt.
3. Assemble the device and present it to the measuring supervisor.
4. Let's start the cooling water circulation.
5. Let's light the Bunsen burner.
6. When the first drop of distillate appears, read the temperature of the thermometer, and in the same way also after every 5 cm^3 of distillate.
7. Stop distilling if the liquid is nearly gone in the distilling flask.
8. At the end of the distillation, read the pressure from the barometer and the temperature of the thermometer in the laboratory.