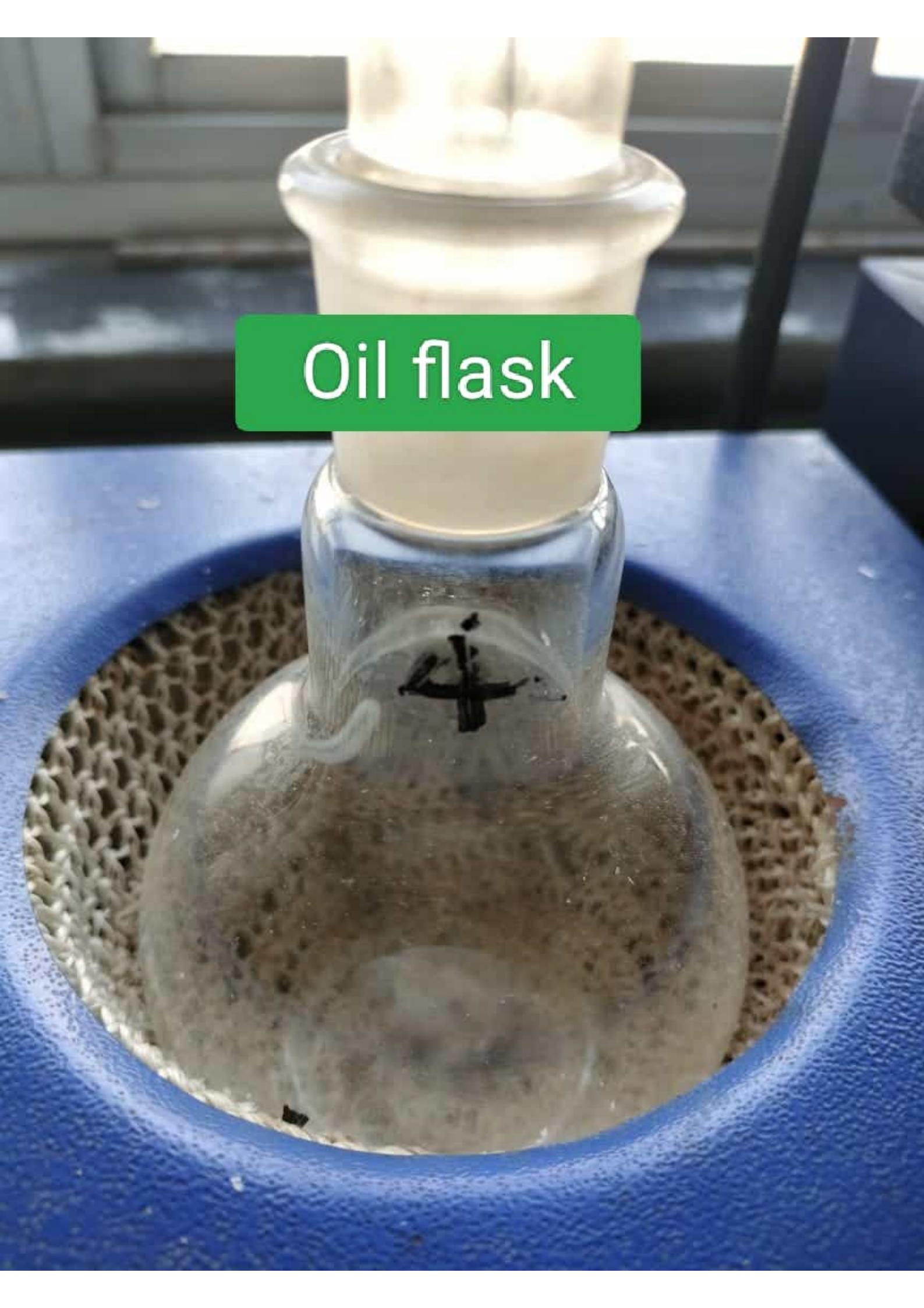


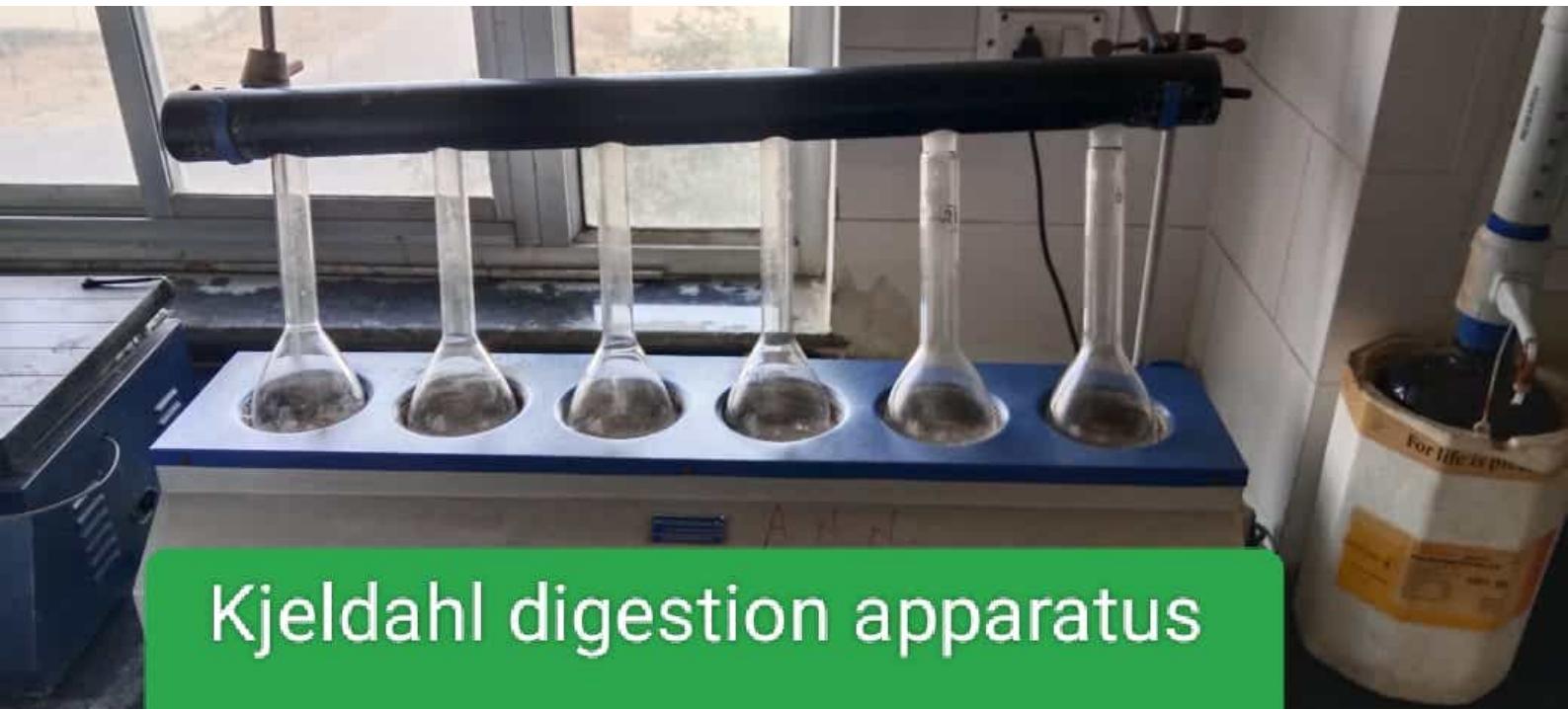
Soxhlet condenser

A photograph of a laboratory setup. In the foreground, a Soxhlet extractor is mounted on a stand. It consists of a vertical glass tube with a side arm containing a reflux condenser. A clear plastic tray sits at the bottom. To the left, there's a blue beaker containing a brownish granular substance. In the background, a window looks out onto a hilly landscape under a cloudy sky.

soxhlet extractor



Oil flask

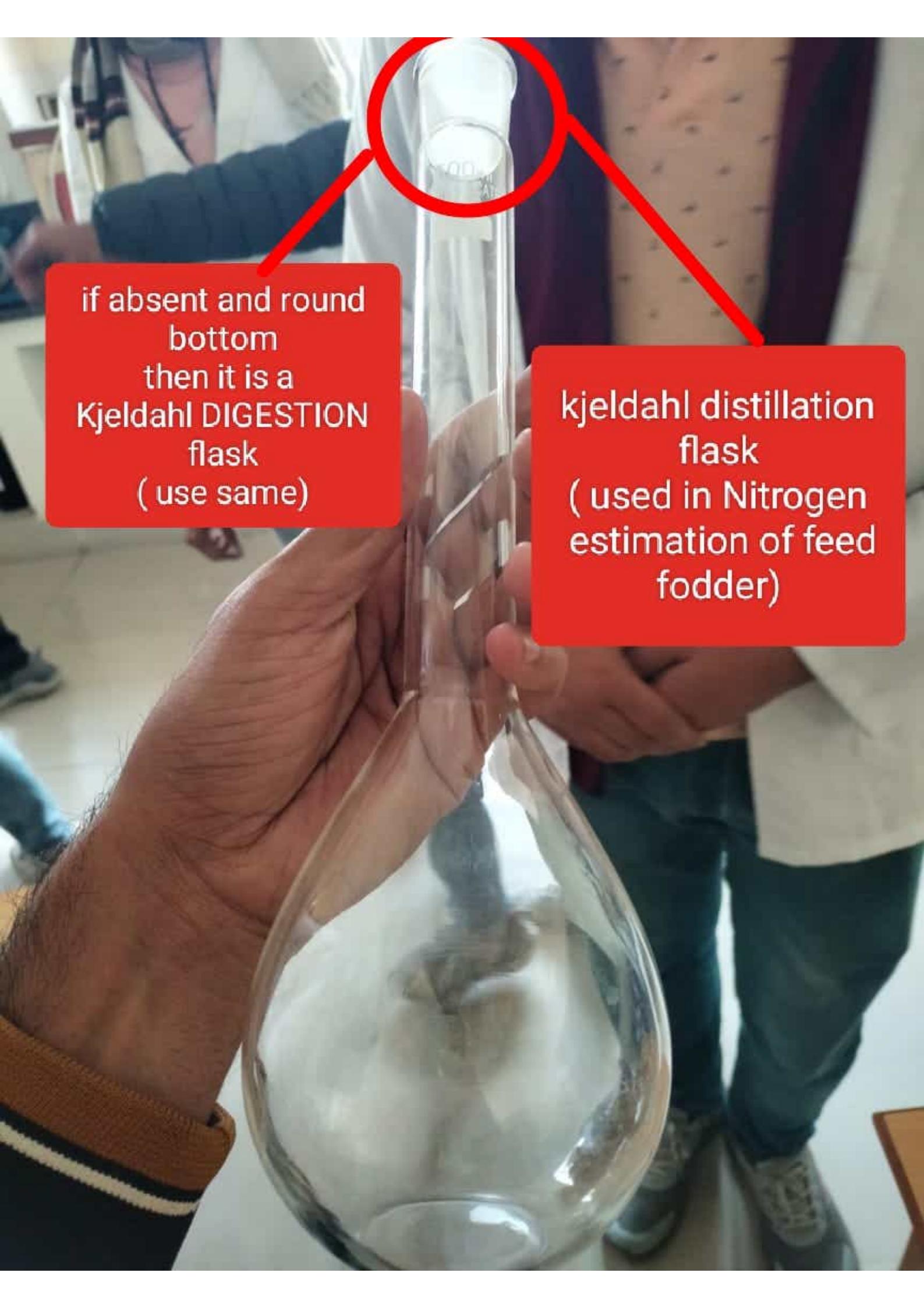


A photograph of a Kjeldahl digestion apparatus. It consists of a horizontal black tube supported by a metal stand, with six glass flasks hanging from it by wires. The flasks are arranged in a row and contain liquid. Below the flasks is a blue rectangular tray. To the right, there is a white bucket with a blue lid and some text on it. The background shows a window and a tiled wall.

Kjeldahl digestion apparatus

A photograph of a Kjeldahl distillation assembly. The apparatus consists of a series of glassware connected by rubber tubing, mounted on a blue wooden base. On the left, there is a large round-bottom flask containing a dark liquid. To its right is a vertical glass tube labeled "Kjeldahl Distillation Assembly". Further along the line are several smaller flasks and a vertical glass tube labeled "Micro Kjeldahl Distillation Assembly". The assembly is connected to a vertical stand on the right side. In the background, there are various laboratory glassware and containers on a counter.

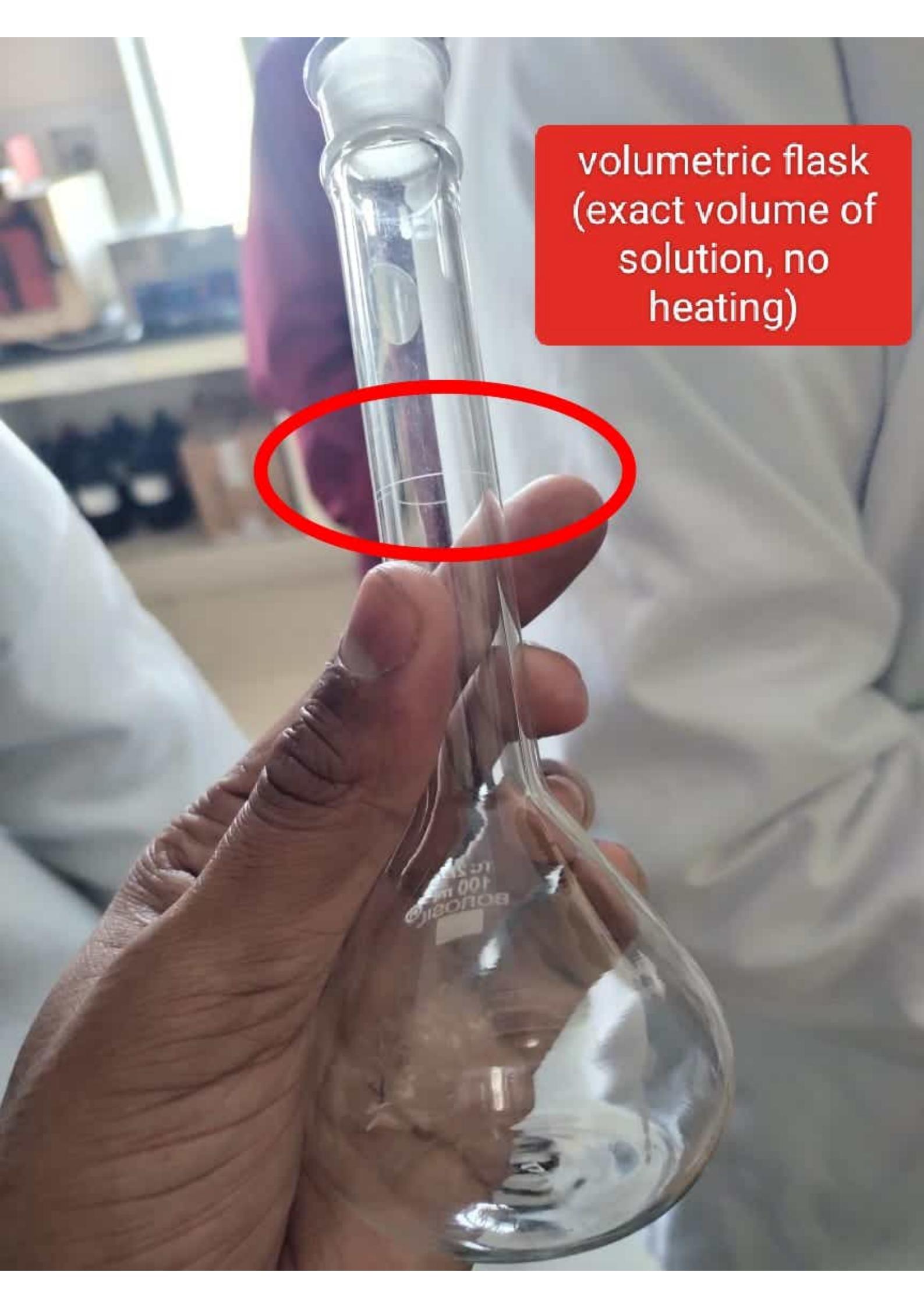
kjeldahl distillation assembly



if absent and round
bottom
then it is a
Kjeldahl DIGESTION
flask
(use same)

kjeldahl distillation
flask
(used in Nitrogen
estimation of feed
fodder)





volumetric flask
(exact volume of
solution, no
heating)



Silica crucible
(estimates total
ash
in muffle furnace)



Glass Gooch Crucible

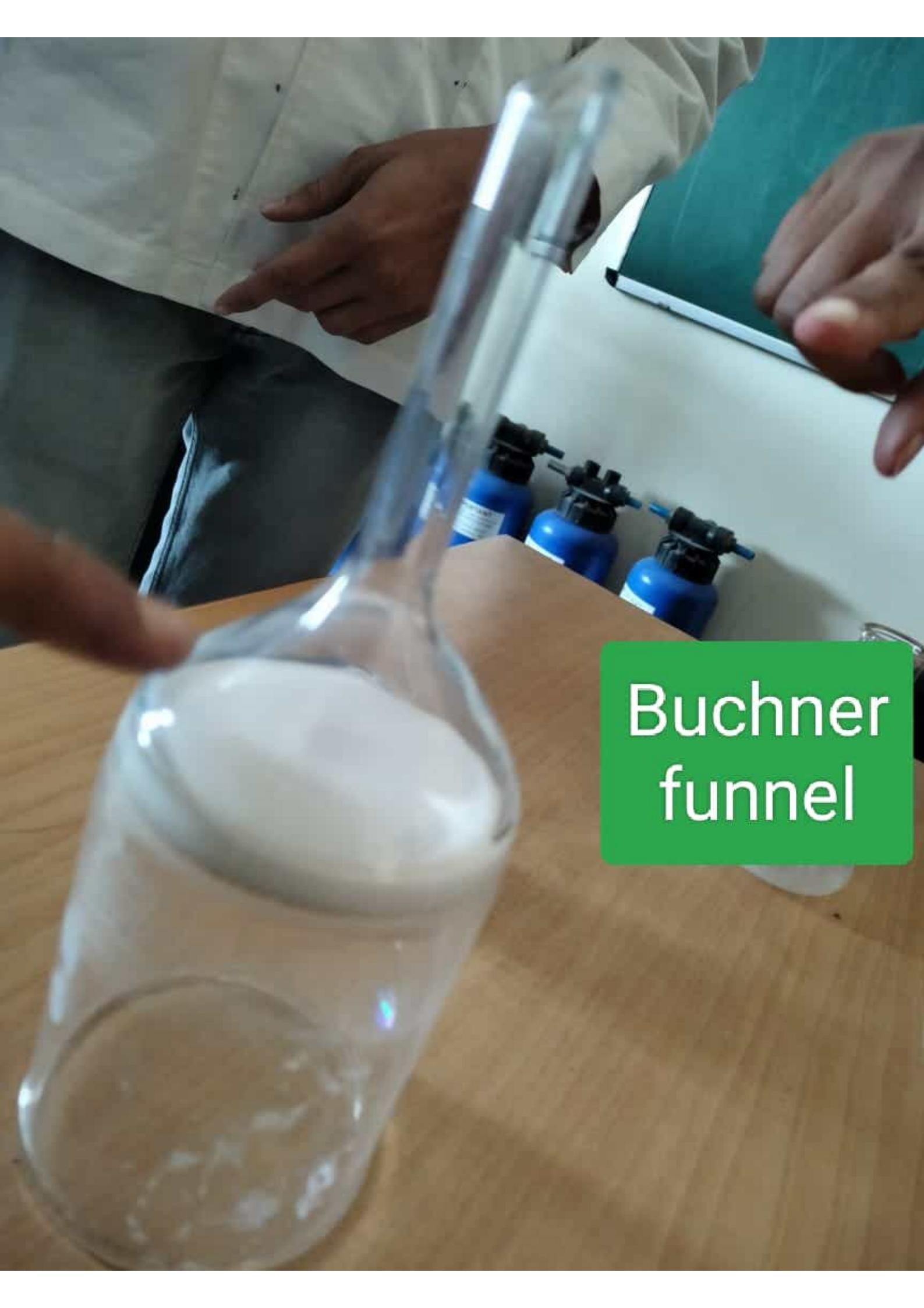
Spoutless Beaker
(solution
preparation)



Spouted Beaker
(solution preparation,
transfer easy)

petri dish
(drying sample in
hot air oven)





Buchner
funnel



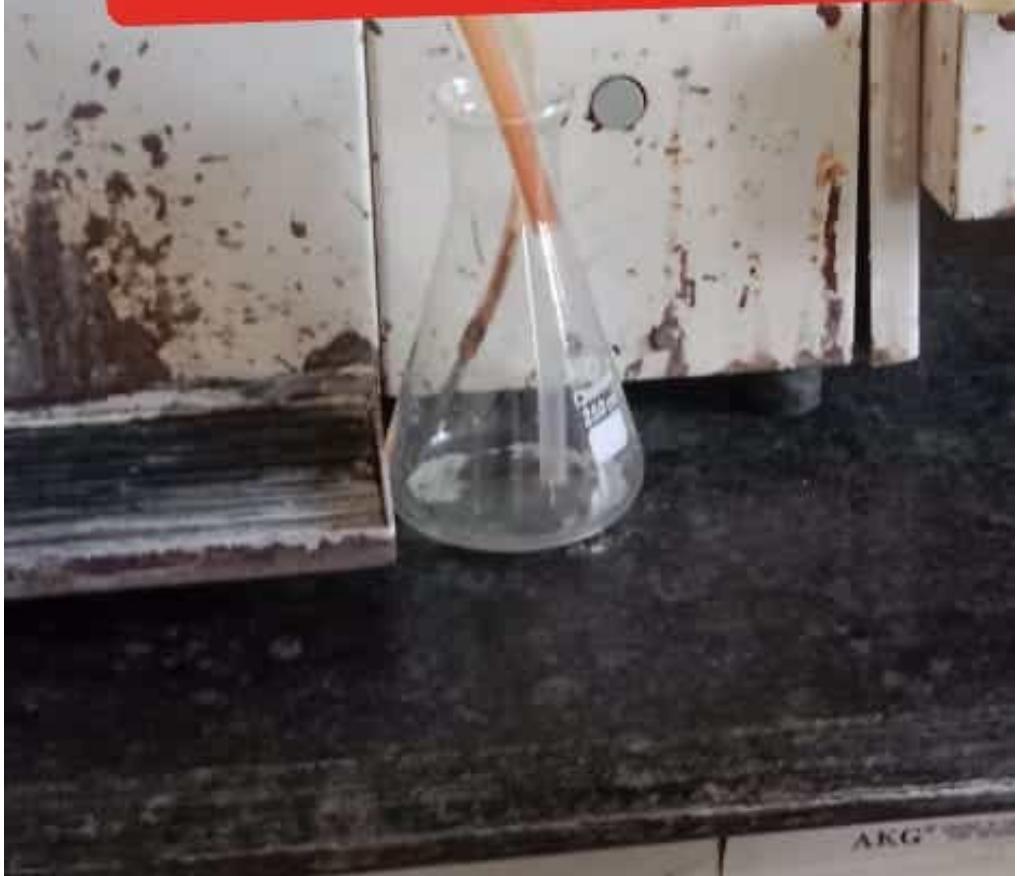
Digestion Tube
[used in chemical analysis (total nitrogen content) of feed fodder]



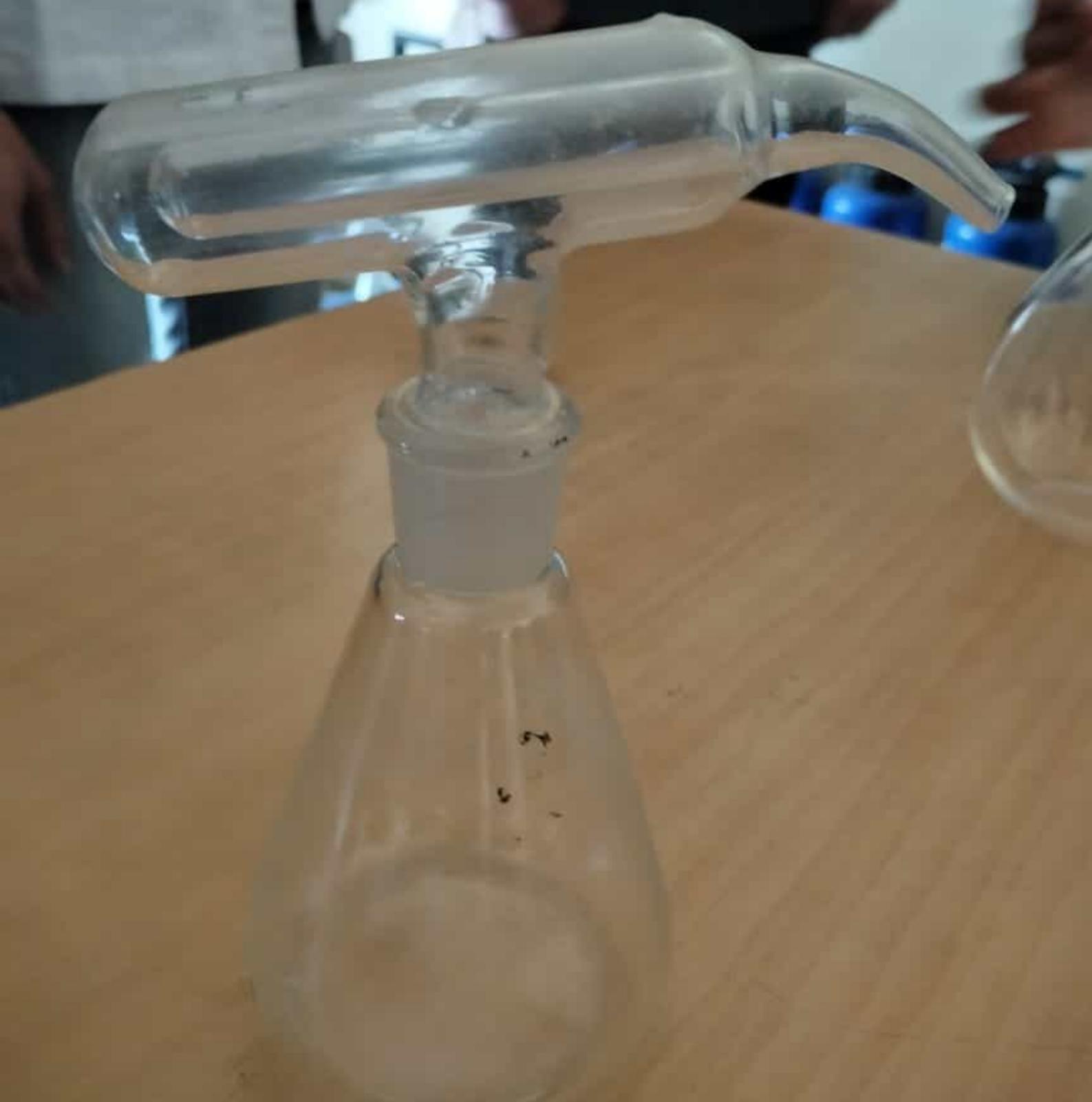
Funnel
(used for
filtration)



**Conical flask
(used for solution
preparation)**



Tilt measure
(strong acid & base
transfer
and measure)

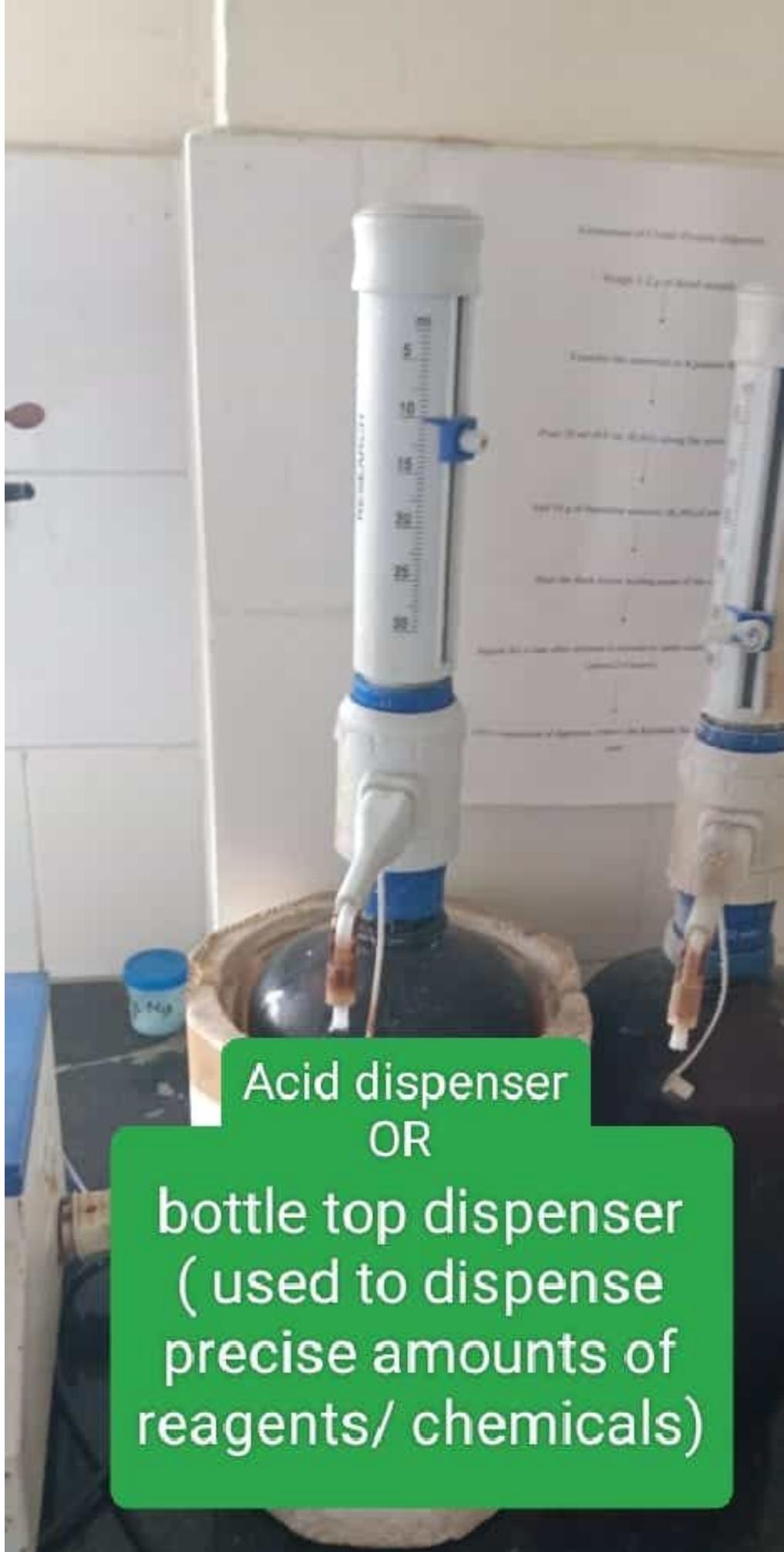




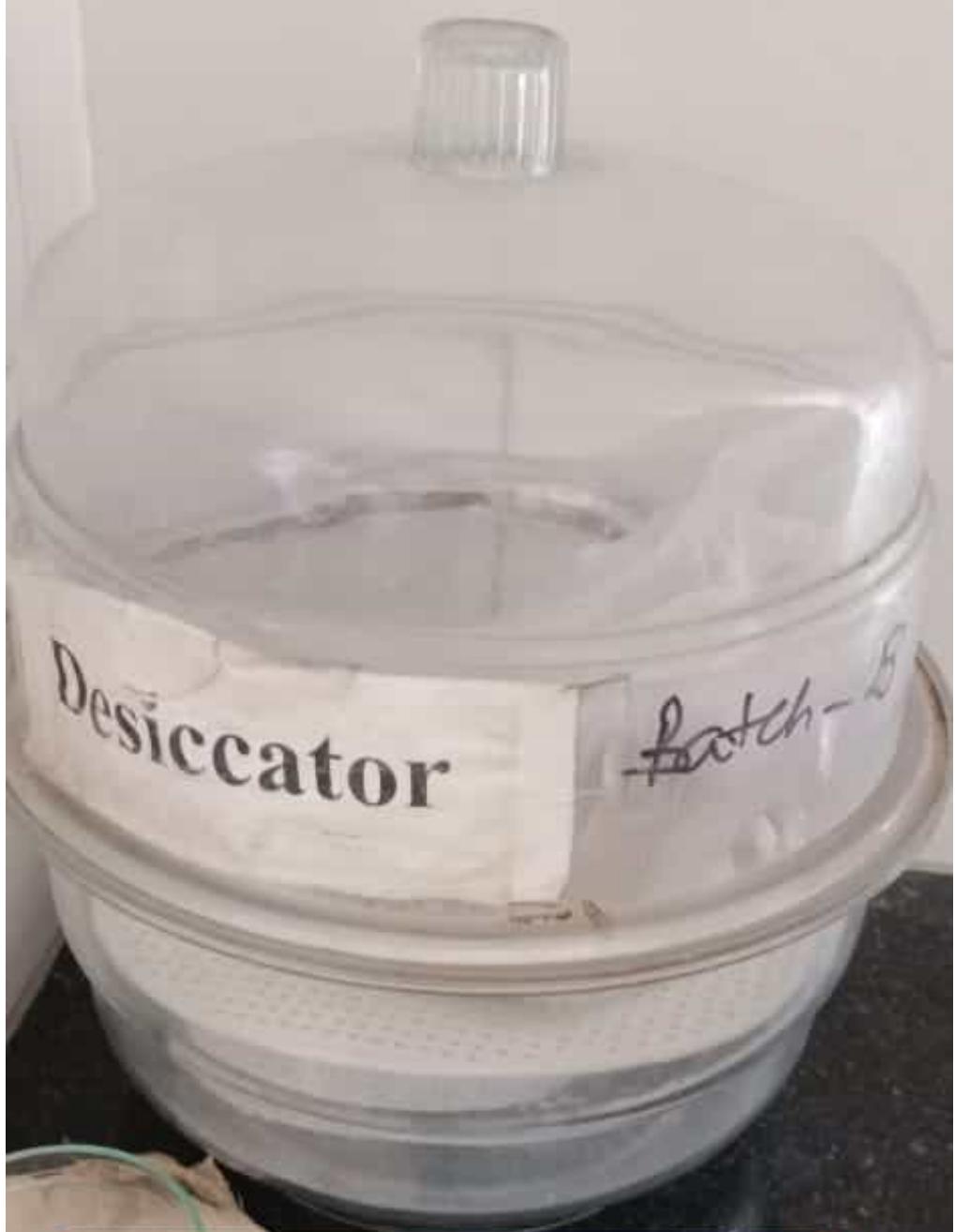
Micro kjeldahl
distillation assembly
(used for nitrogen estimation)



Measuring
cylinder
(used for
measuring
solutions)



Acid dispenser
OR
bottle top dispenser
(used to dispense
precise amounts of
reagents/ chemicals)



used to cool down
material and to
prevent from moisture