

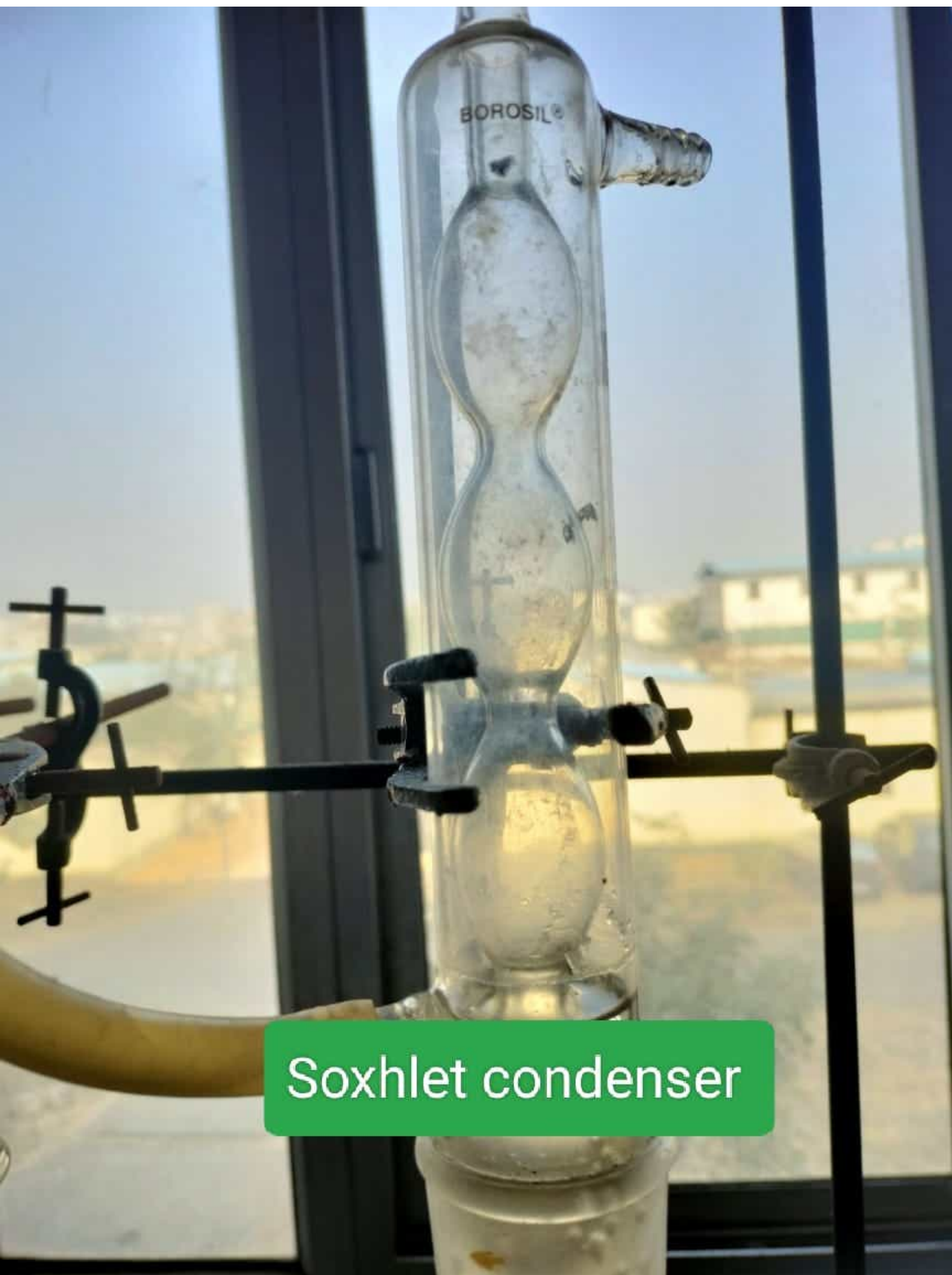


Condenser

Extraction chamber

Oil flask

*Soxhlet apparatus
(used in ether
extraction)*



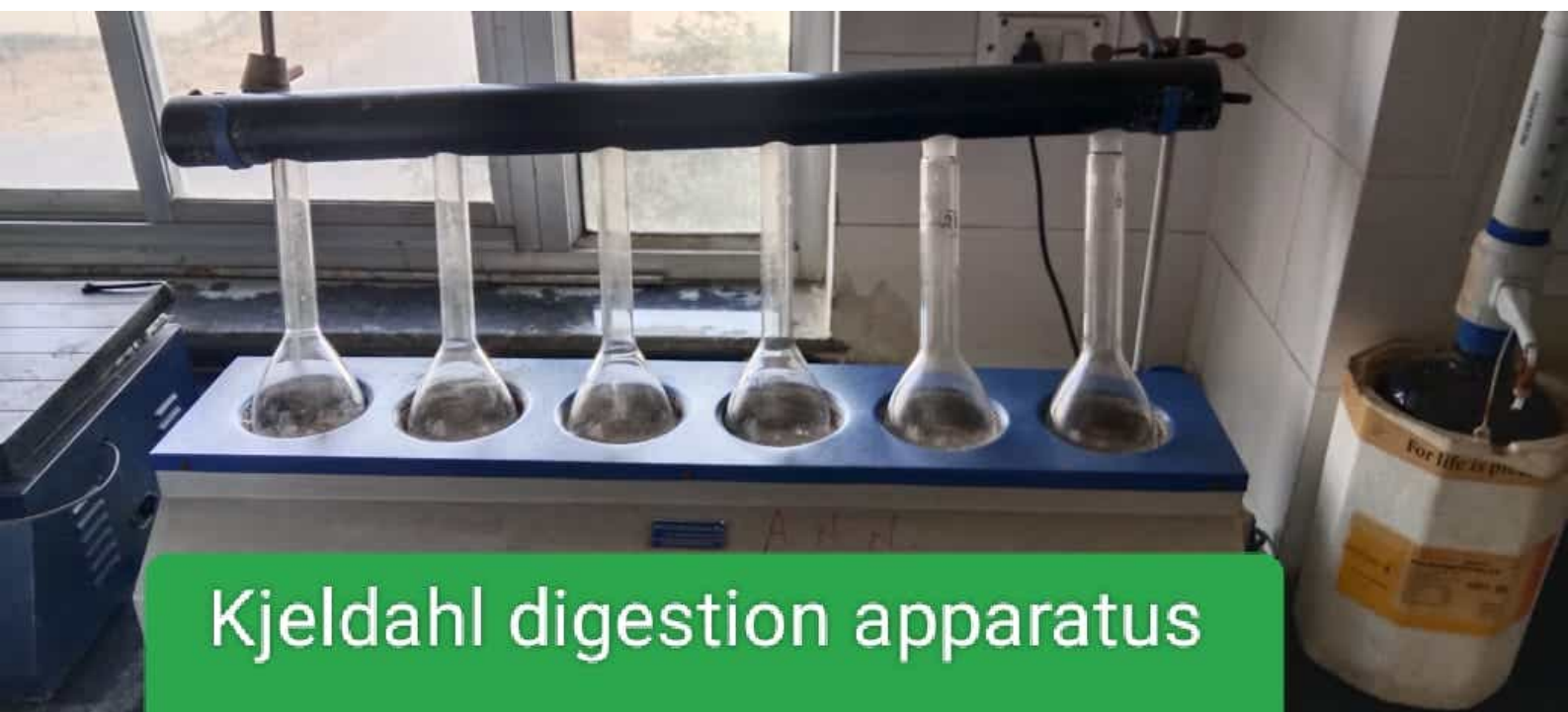
Soxhlet condenser



soxhlet extractor

A clear glass flask containing a dark, viscous liquid is positioned on a blue surface. The flask is partially filled with the liquid, which has a thick, oil-like consistency. The flask is sitting on a circular piece of brown cardboard mat. A green rectangular label with the text "Oil flask" is overlaid on the image. The background is slightly blurred, showing a window and some furniture.

Oil flask



Kjeldahl digestion apparatus



kjeldahl distillation assembly

A hand is holding a large, round-bottomed glass flask. The neck of the flask is narrow and has a small, white, circular mark near the top. A red circle is drawn around this mark, with two red lines extending from it to two separate text boxes. The background shows other people in a laboratory setting.

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

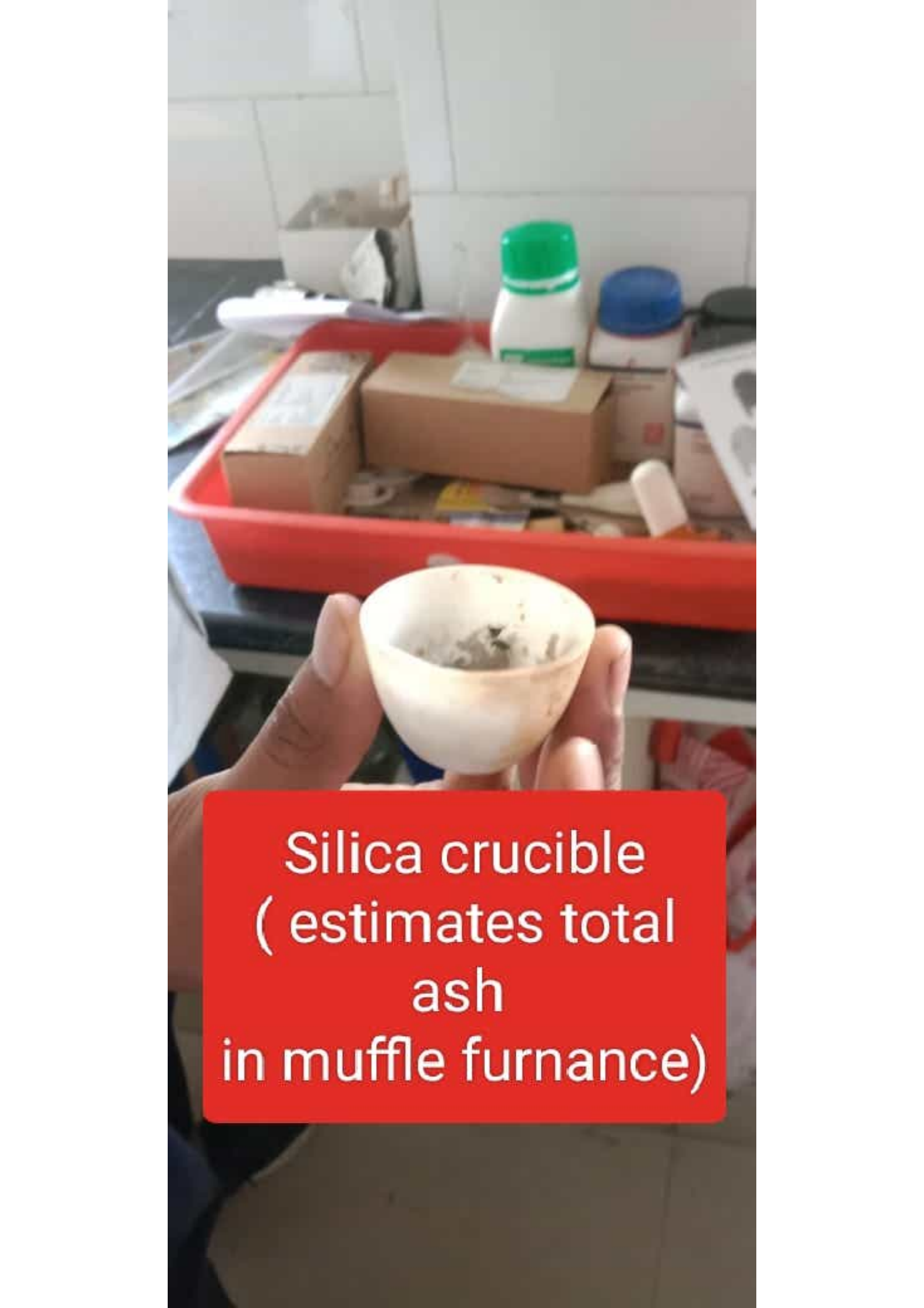
kjeldahl distillation
flask
(used in Nitrogen
estimation of feed
fodder)



Crude fibre assembly

volumetric flask
(exact volume of
solution, no
heating)





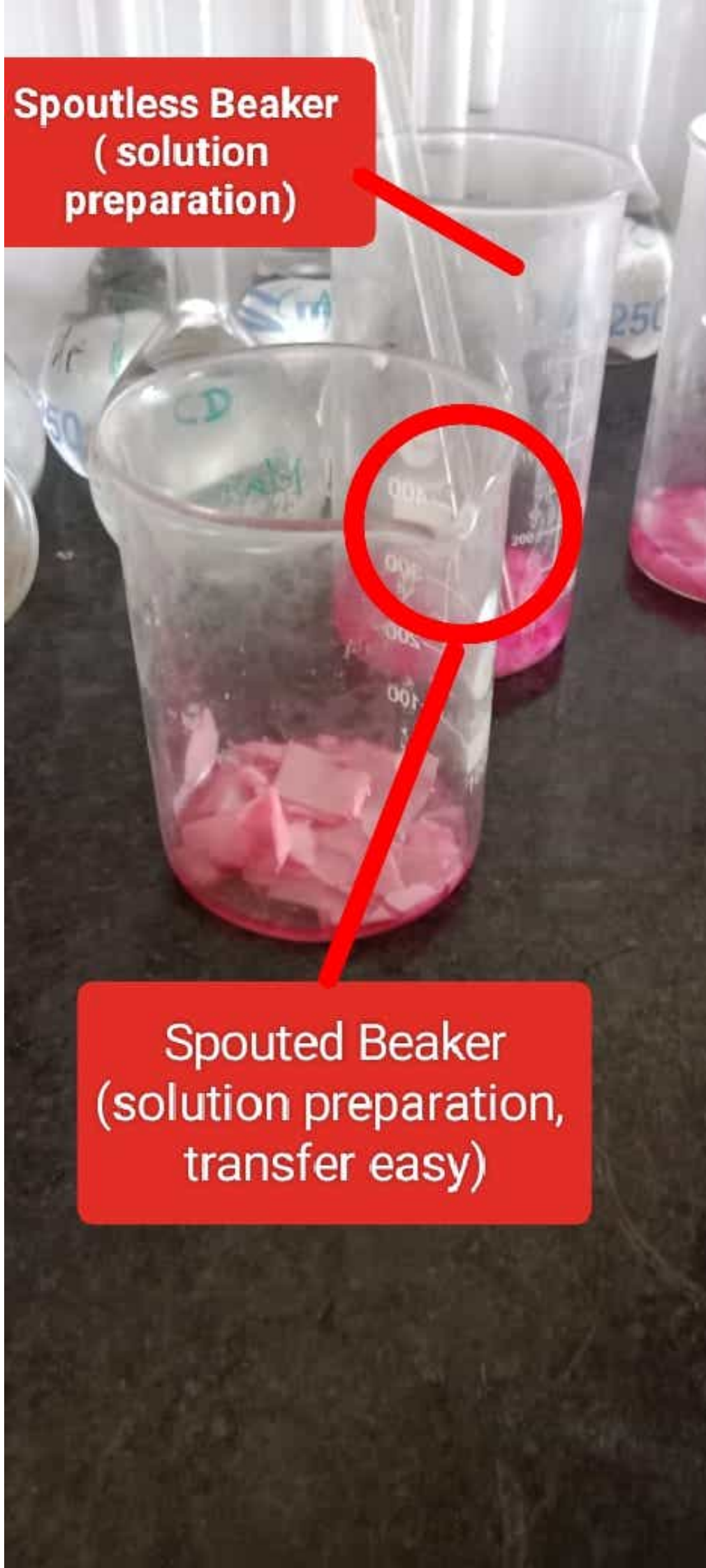
Silica crucible
(estimates total
ash
in muffle furnance)



Glass Gooch Crucible

**Spoutless Beaker
(solution
preparation)**

**Spouted Beaker
(solution preparation,
transfer easy)**



petri dish
(drying sample in
hot air oven)



A photograph of a laboratory experiment. A clear glass Erlenmeyer flask sits on a wooden table, containing a thick, white, powdery precipitate. A glass Buchner funnel is placed inside the flask, its stem reaching down into the solid. A person wearing a white lab coat is visible in the background, with their hand pointing towards the flask. To the right, another person's hand is visible, holding a green folder or notebook. In the background, three blue gas cylinders with black valves are lined up on a white surface. A green rectangular box with white text is overlaid on the right side of the image.

Buchner
funnel



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

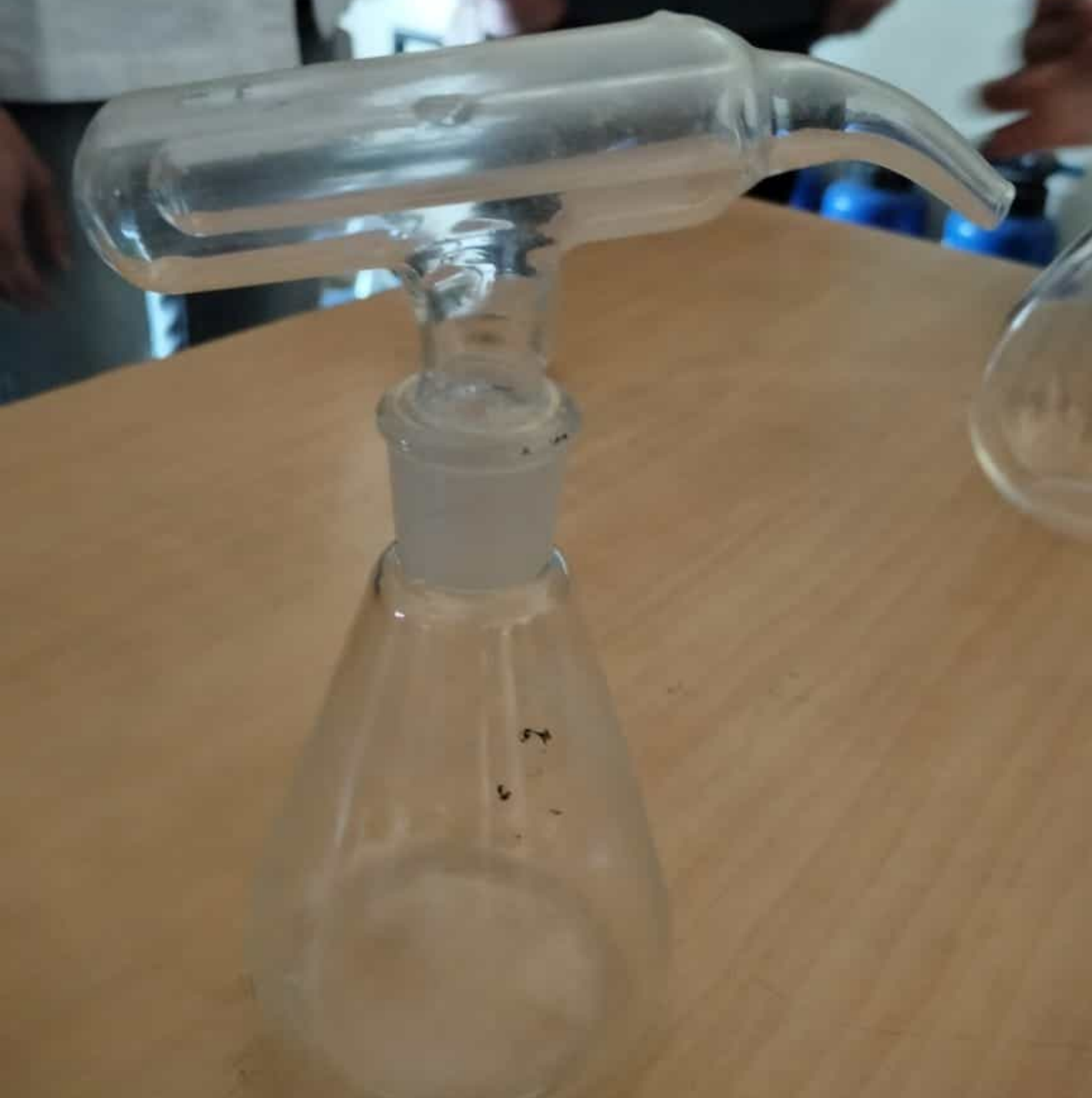
A hand is holding a clear glass funnel over the neck of a glass flask. The flask has a label that reads "BOROSIL 250ml" and "4980". In the background, there are other laboratory glassware items, including a white plastic bottle and a beaker.

Funnel
(used for
filtration)

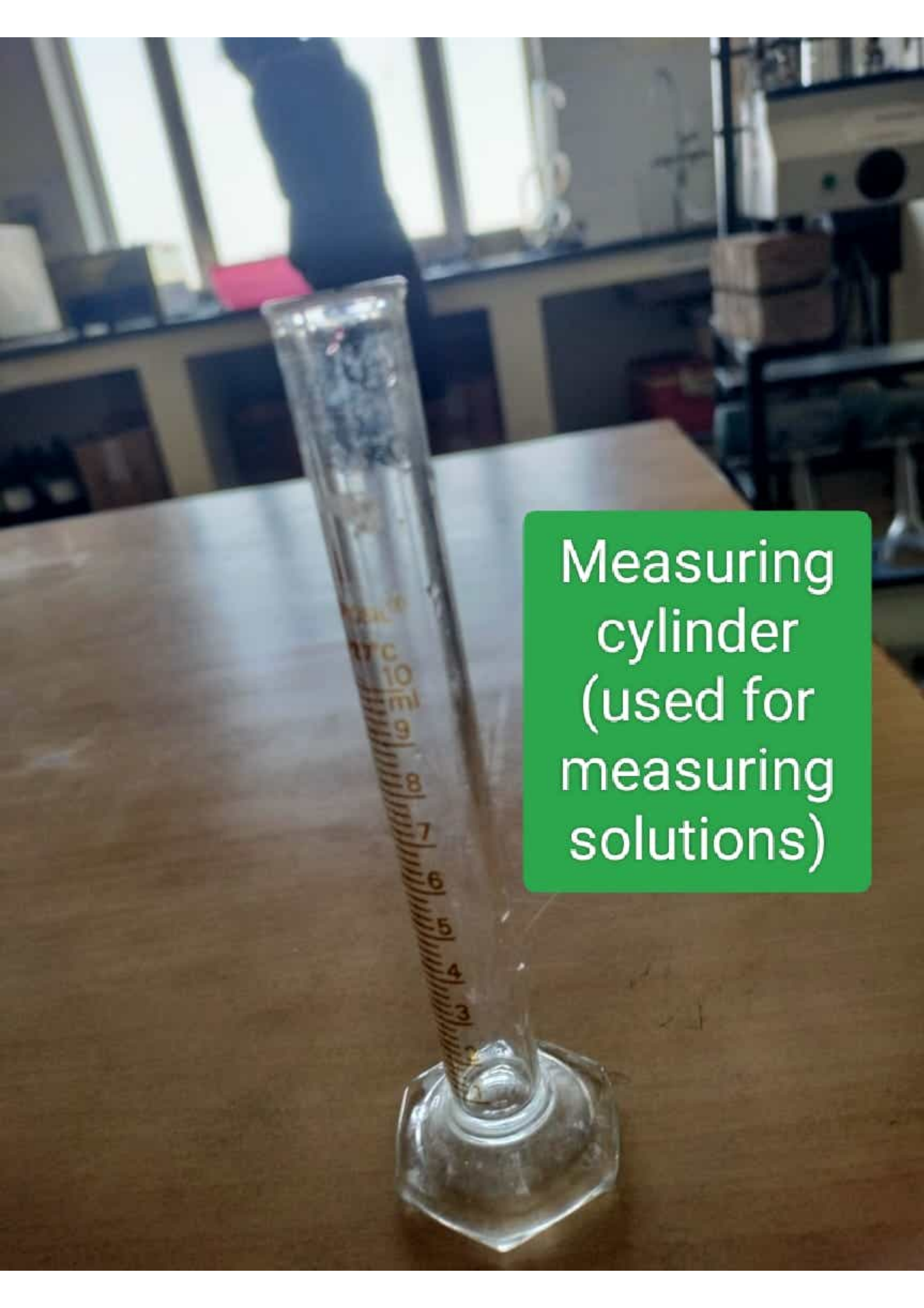


Conical flask
(used for solution
preparation)

Tilt measure
(strong acid & base
transfer
and measure)





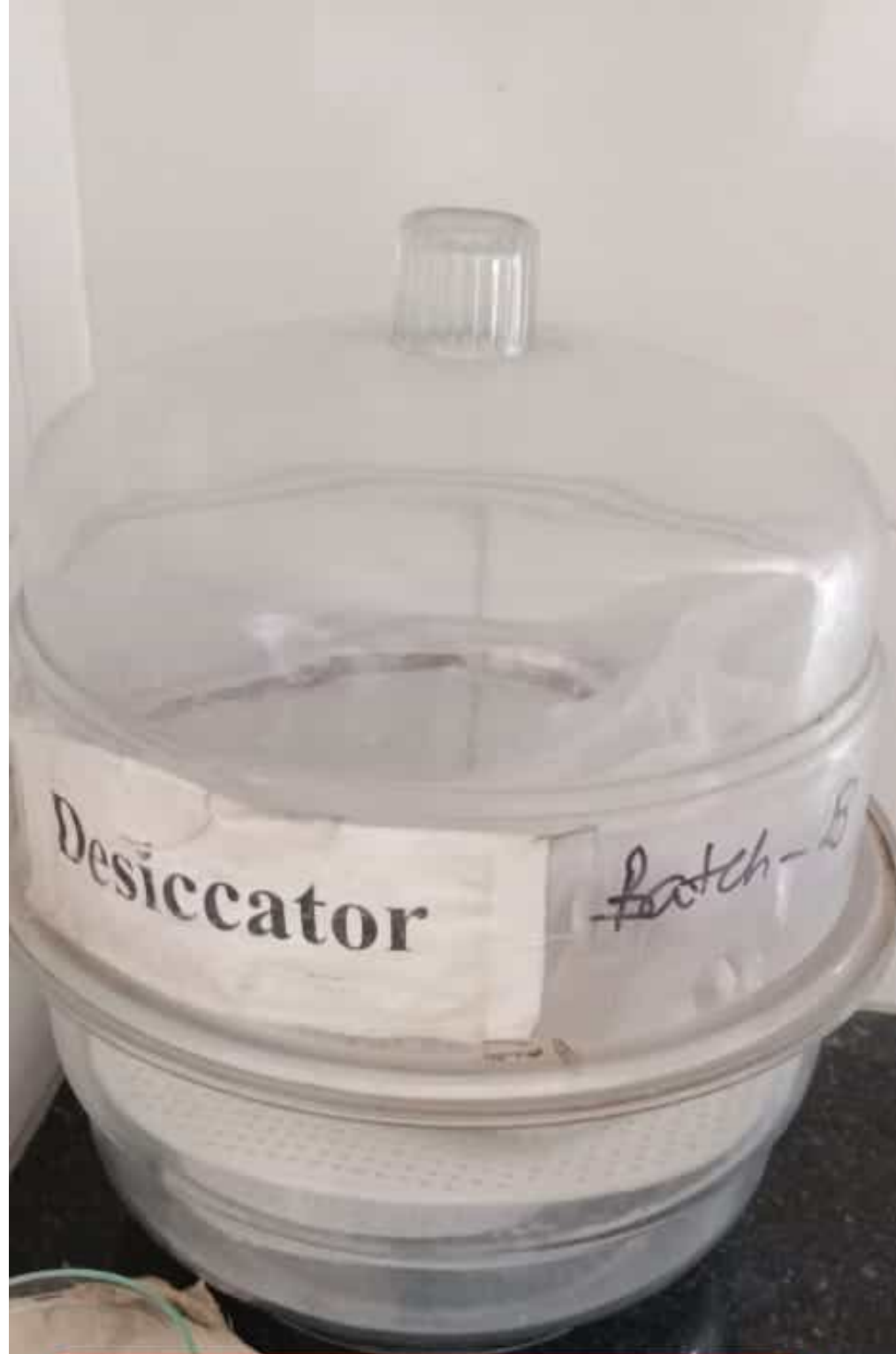
A clear glass measuring cylinder with a hexagonal base and a scale from 0 to 10 ml is shown. The cylinder is partially filled with a dark, opaque liquid. It sits on a light brown wooden table. In the background, a laboratory setting is visible with a person's silhouette near a window and various lab equipment on shelves.

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