

2013 EXPERIMENT NUMBER : 1

PREPARATION OF LYOPHILIC SALT
(STARCH SOL)

→ AIM:

To prepare colloidal solution of starch.

→ APPARATUS:

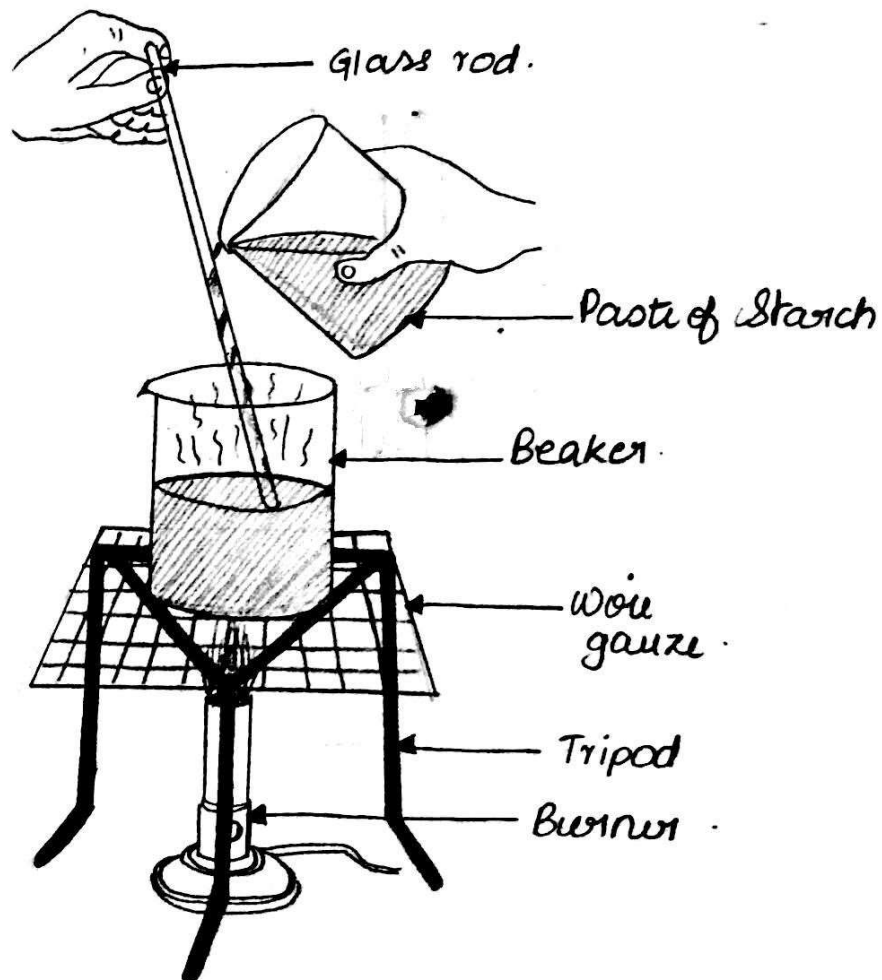
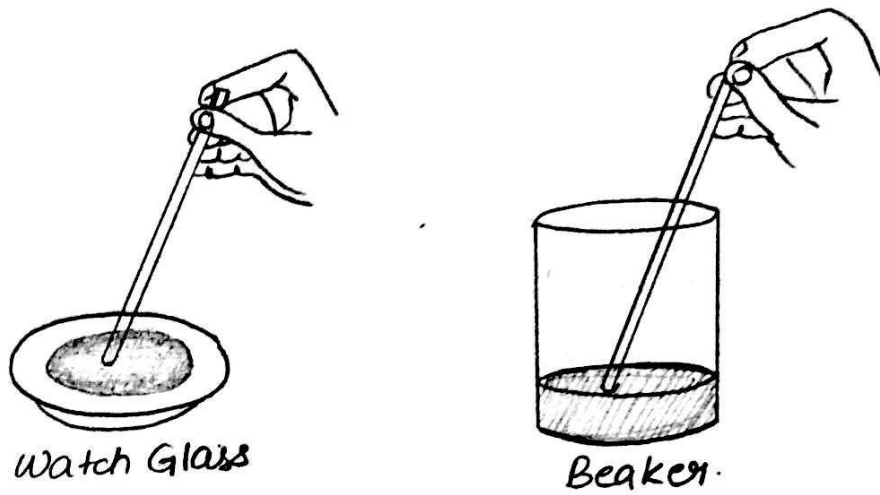
250 ml beaker, watch glass, glass rod, tripod stand, wire gauze, burner.

→ CHEMICALS REQUIRED:

Starch powder and distilled water.

→ PROCEDURE:

1. Make a thin paste of salt with a few ml of water in a watch glass.
2. Transfer the paste to a 250 ml beaker with 185 ml hot water, and starts boiling.
3. While transferring, the paste to the boiling water, constant stirring is required using a glass rod.
4. Leave the beaker for cooling.



PREPARATION OF STARCH SOL.

→ RESULT:

Starch sol is prepared.

→ PRECAUTIONS:

1. The apparatus must be cleaned properly before making sol.
2. Starch paste should be added in a thin stream to the boiling water.
3. During preparation of the sol, constant stirring is required.

~~3/9/14~~