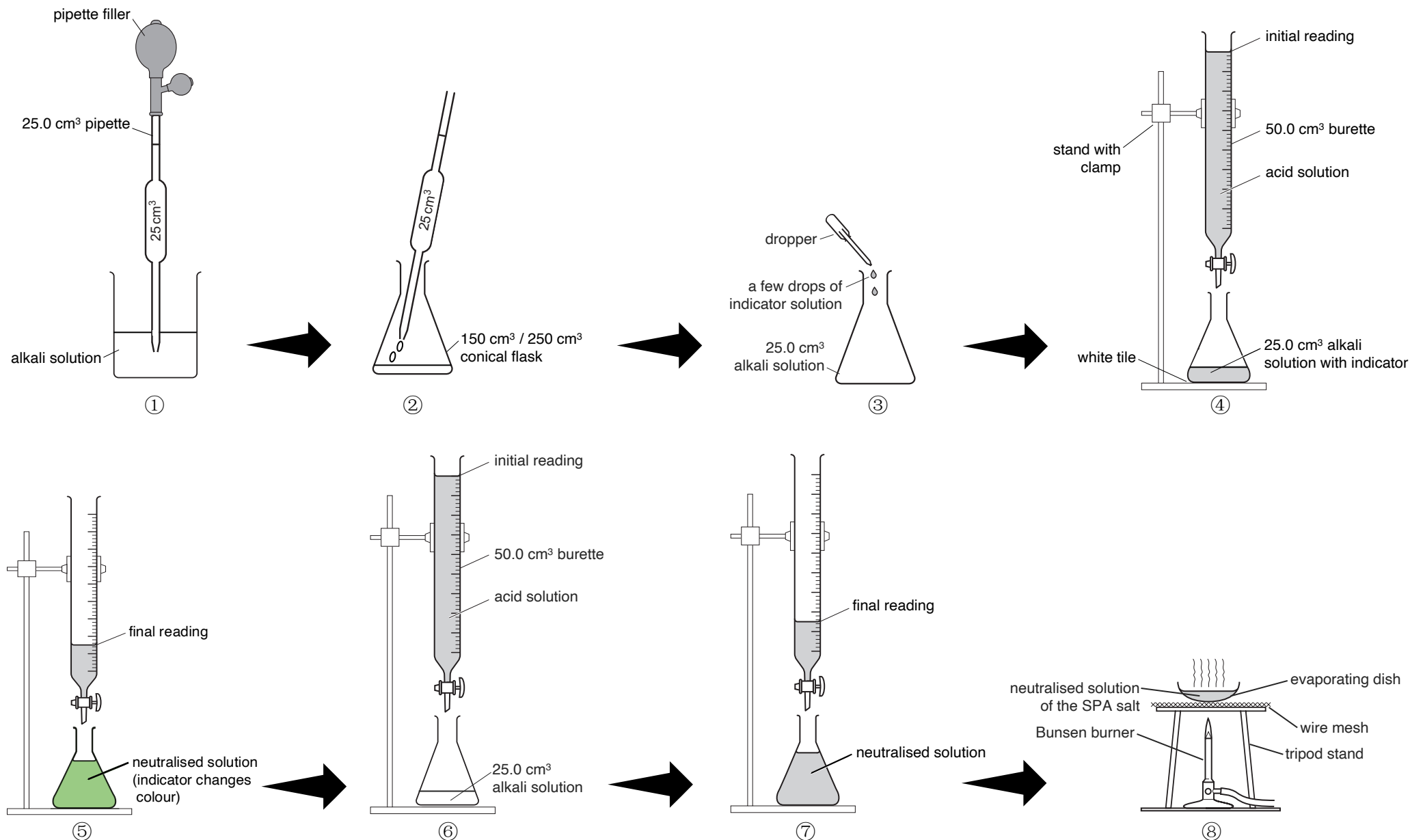




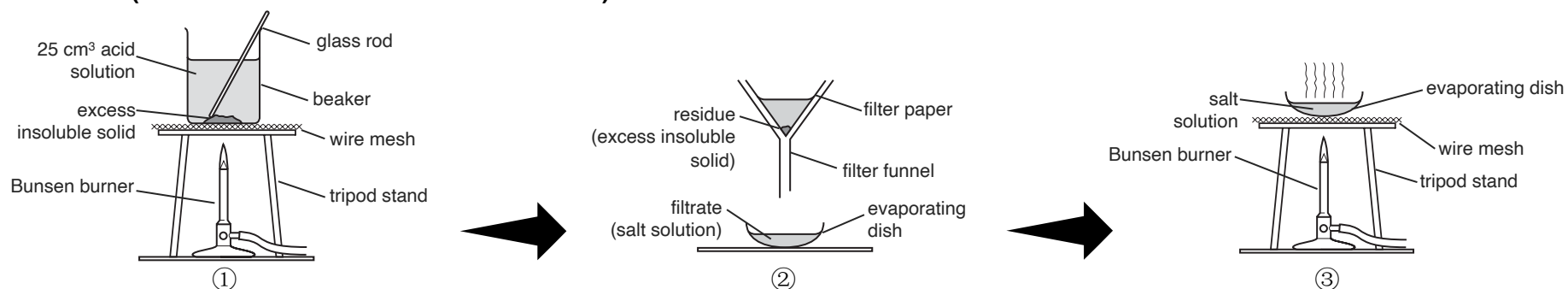
PREPARATION OF SALTS : A WALKTHROUGH

(a) Titration (aq. SPA salts) (b) ^ABCM method (aq. non-SPA salts) (c) Precipitation (insoluble solids)

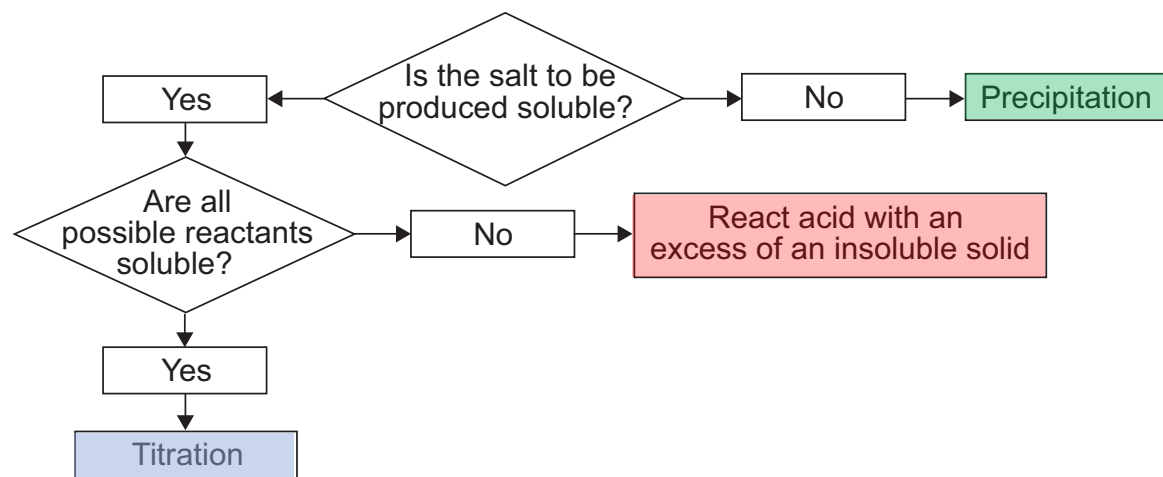
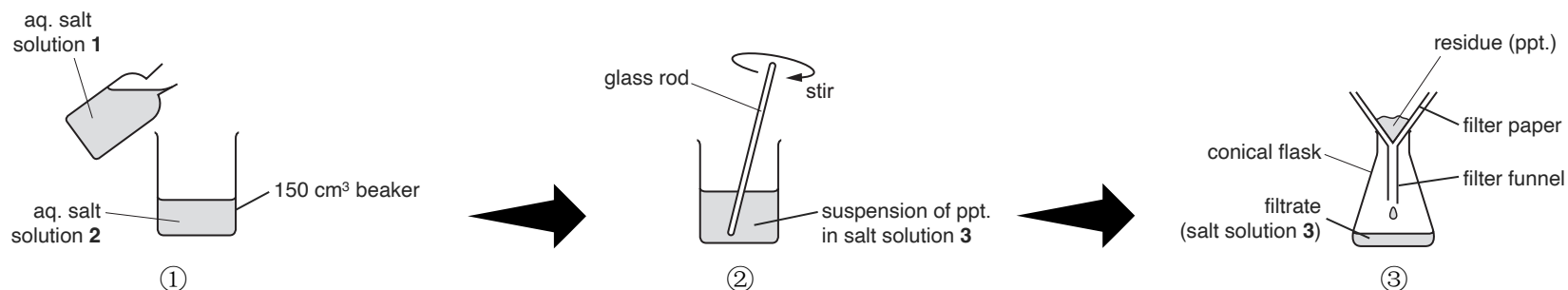
(a) Titration



(b) ^ABCM method (^ABCM : Acid + Base / Carbonate / Metal)



(c) Precipitation



Salt

A crystalline ionic compound formed in which the H⁺ of an acid is replaced with another cation (metallic / NH₄⁺).

Salt must be as pure as possible!

- Some reactants might be toxic (medicine).
- Minimise wastage of reactants ⇒
↑ Cost savings & ↓ pollution.
- Some reactants might be available in limited supply.