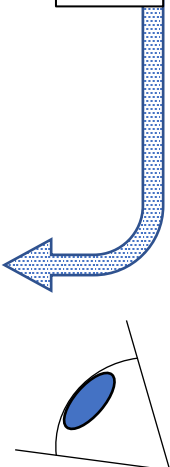


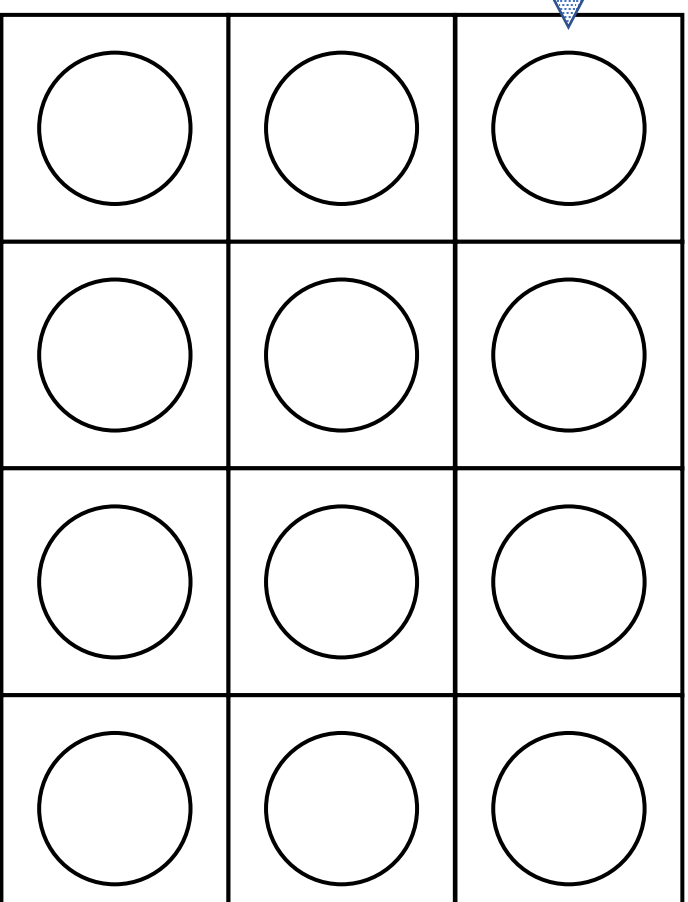


2 3–4 drops sample



3 Observe any colour changes

1 3–4 drops $\text{Cr}_2\text{O}_7^{2-} / \text{H}^+$



3 $\text{NH}_3(\text{aq})$ dropwise with agitation until precipitate dissolves

2 1 drop NaOH

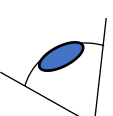
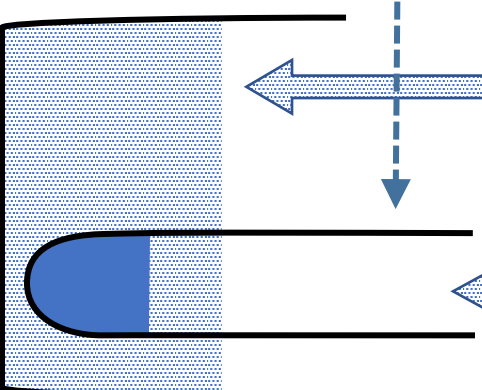
1 $2.5 \text{ cm}^3 \text{ AgNO}_3$

4 Hot water ($60\text{-}70^\circ\text{C}$)

5 2 cm^3 sample

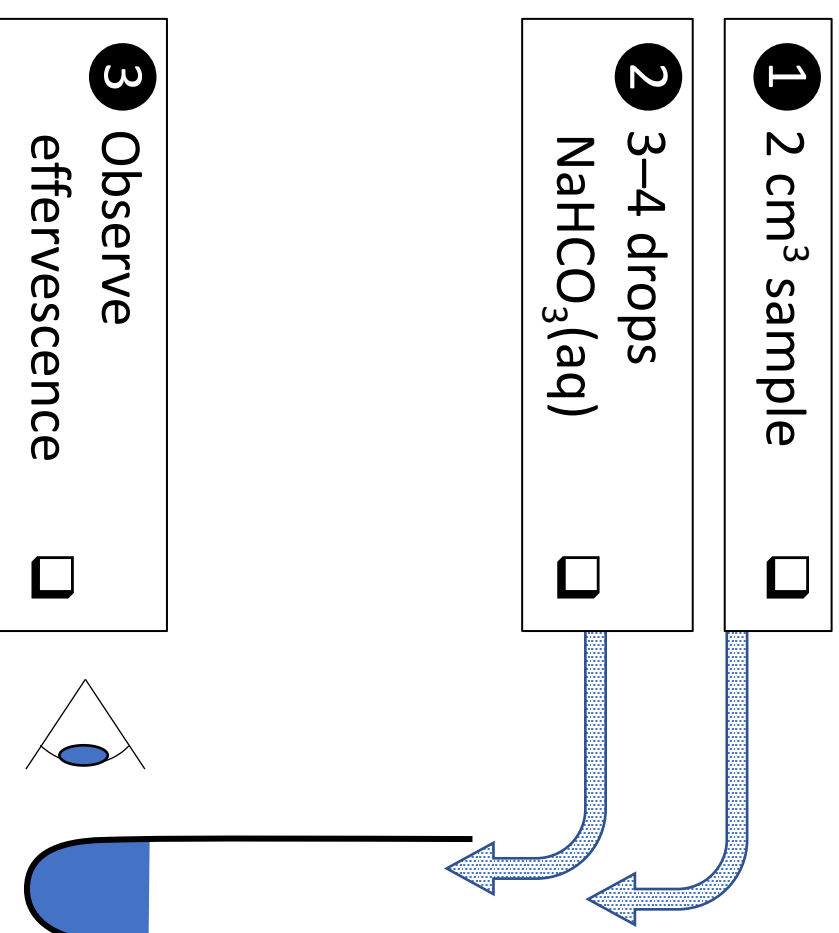
6 Observe for 15 minutes

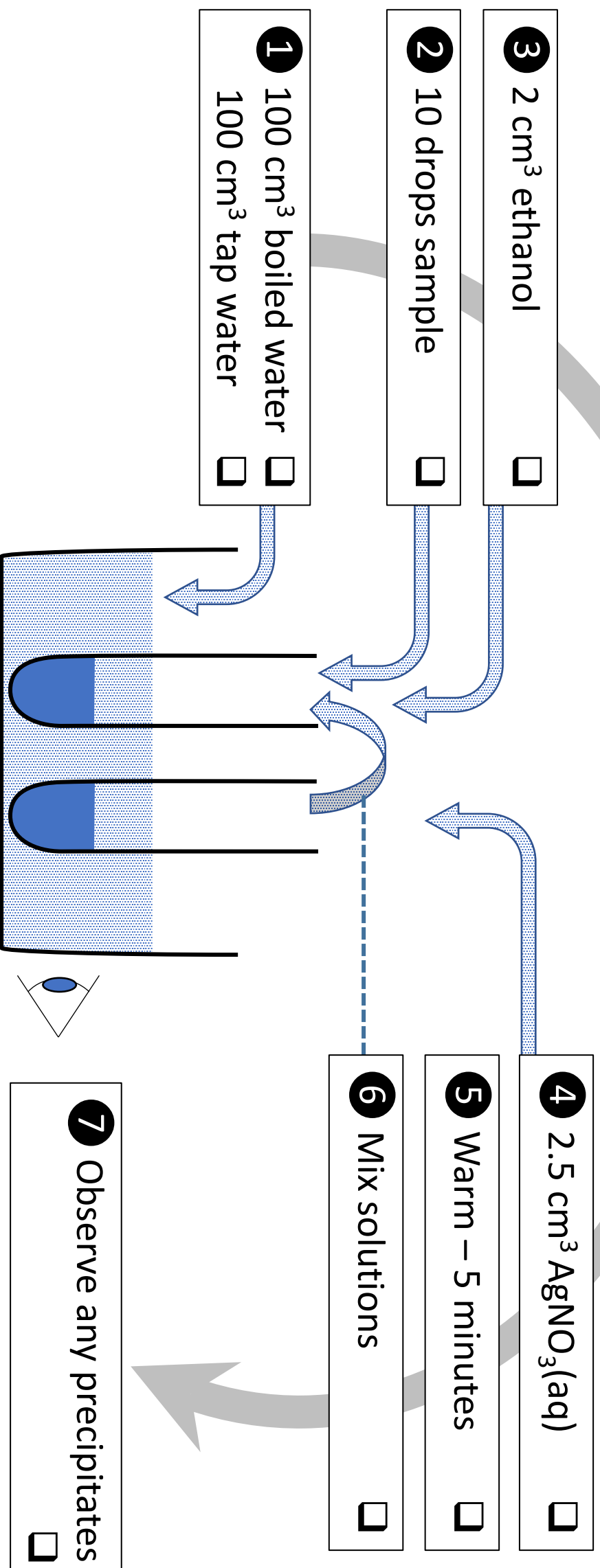
7 Dispose of the solution down a foul-water drain



RSC Practical videos (16–18)

Qualitative tests for organic functional groups: carboxylic acids
Available from [rsc.li/38KQFPE](https://www.rsc.li/38KQFPE)





RSC Practical videos (16–18)

Qualitative tests for organic functional groups: unsaturated hydrocarbons
Available from [rsc.li/38KQFPE](https://www.rsc.li/38KQFPE)

