

# Qualitative Analysis

The key areas of study in this topic are:

- Test for ions

By the end of this topic I should be able to:

Start

End

Understand the processes and techniques needed to identify the following ions in an unknown compound:

- anions:  $\text{CO}_3^{2-}$ ,  $\text{Cl}^-$ ,  $\text{Br}^-$ ,  $\text{I}^-$ ,  $\text{SO}_4^{2-}$
- cations:  $\text{NH}_4^+$ ,  $\text{Cu}^{2+}$ ,  $\text{Fe}^{2+}$ ,  $\text{Fe}^{3+}$ ,  $\text{Mn}^{2+}$ ,  $\text{Cr}^{3+}$

In all topic areas you should be able to demonstrate and apply your knowledge and understanding.

