

Detailed method

### Combined PAG C3 – Separation techniques (Chromatography)

Sketch an empty results table for the experiment

Labelled diagram

Hazards

Theory behind the experiment

Separation of the different chemicals depends on...

The baseline needs to be drawn in pencil because...

Some chemicals might not be seen on the chromatogram because...

Retention factor ( $R_f$ ) is calculated by...

Evaluation - What problems might you encounter during the experiment?

What improvements could you make to the experiment so that better results could be obtained?