

Topic	Making an insoluble salt	Level	GCSE (or any course for students aged 14-16)
Outcomes	<ol style="list-style-type: none">1. To produce an insoluble salt from a precipitation reaction2. To devise your own method to produce a known insoluble salt from a range of aqueous solutions		

You have been given....

1. Two beakers, containing $\text{HCl}(\text{aq})$ and $\text{NaOH}(\text{aq})$
2. Methyl orange indicator
3. One beaker of $\text{CuSO}_4(\text{aq})$
4. $\text{BaCl}_2(\text{aq})$
5. Access to common lab apparatus



THE CHALLENGE!

Produce BaSO_4 (a white precipitate)
in a colourless solution

