**Year 11 Unknown Practice Test (Monday 21st August, Period 2) Jijy, Room Sci-5**

* 8 beakers, labelled A-H, each containing 150 mL of 0.1 mol/L solutions

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| **Beaker label** | **Solution (150 mL)** |
| A | Copper(II) carbonate, CuCO3 |
| B | Potassium sulfate, K2SO4 |
| C | Sodium iodide, NaI |
| D | Barium nitrate, Ba(NO3)2 |

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| **Beaker label** | **Solution (150 mL)** |
| E | Strontium chloride, SrCl2 |
| F | Copper(II) nitrate, Cu(NO3)2 |
| G | Potassium carbonate, K2CO3 |
| H | Lead (II) nitrate, Pb(NO3)2 |

* 8 small beakers, also labelled A-H, containing solids of the above substances (a few spoonfuls)
* 22x spotting tiles
* 88x test tubes *(4 per student)*
* 88x plastic pipettes *(4 per student)*
* 11x Dropper bottles (0.1 mol/L unless otherwise noted):
  + **Hydrochloric acid (1 mol/L)**
  + Sodium chloride
  + Sodium sulfate
  + Sodium carbonate
  + Sodium nitrate
  + Sodium hydroxide
  + Sodium iodide
  + Copper(II) nitrate
  + Lead(II) nitrate
  + Potassium nitrate
  + Silver nitrate
  + Barium chloride
  + Potassium bromide
  + Magnesium sulfate
  + Cobalt(II) chloride
* 22x watch glasses
* 11x metal loop (for flame tests)
* 11x Bunsen burner
* 11x Matches
* 8x spatula
* 11x Distilled water
* 44x small beaker
* 2x Waste jar
* 23x pairs of nitrile gloves