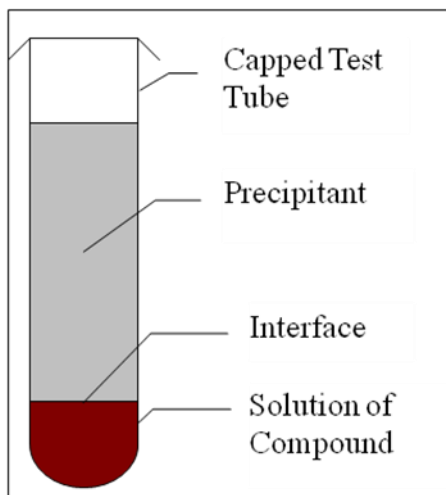
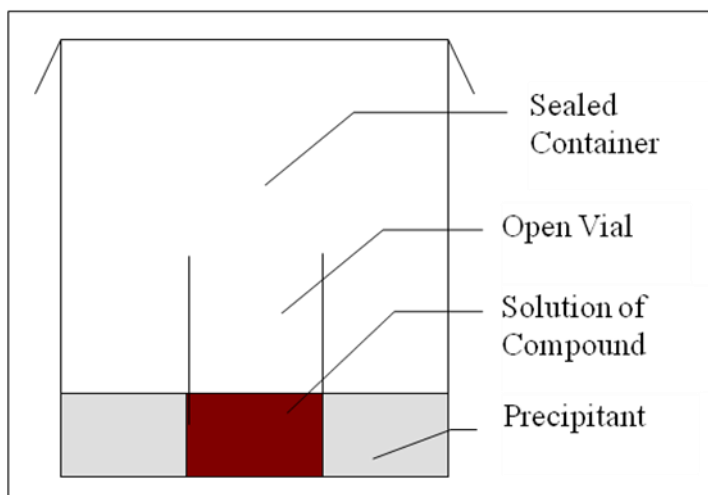


## Crystallisation Techniques

### Layered diffusion



### Vapour Diffusion



Precipitant = anti-solvent; A solvent in which your compound is not soluble.

### **N.B**

For layered diffusion the anti-solvent must be less dense than the solvent.

For vapour diffusion the solvent and anti-solvent must be miscible.

Leave them undisturbed. The longer it takes the better quality crystals you will be likely to grow. To slow things down you can place them in the fridge if it is safe to do so.

Please avoid using tiny vials with very narrow necks as they make it difficult to extract the crystals without damage.

Try not to let the crystals dry out as this can lead to damage.