**Solubility**

**Definitions**

Solvent – The liquid in which the solute dissolves

Solute – The substance that dissolves

Solution – A mixture of solute and solvent

Saturated solution – A solution in which no more solute will dissolve at a specific temperature.

Solubility is a measure of how much solute will dissolve in 100g of solvent. Units = g/100g

Solubility curves show the relationship between temperature and solubility.

**Measuring solubility**

You can measure solubility by

* Making a saturated solution
* Taking a known mass of solution
* Evaporate the water and measure the mass
* Solubility = $\frac{mass of solute}{mass of water} x 100$

