

Key word	Definition
chromatogram	An image obtained from chromatography.
chromatography	A technique to separate mixtures of liquids that are soluble in the same solvent.
dissolve	The mixing of a substance (the solute) with a liquid (the solvent) to make a solution.
distillation	A technique that uses evaporation and condensation to obtain a solvent from a solution.
filtering	A way of separating pieces of solid that are mixed with a liquid or solution by pouring through filter paper.
filtrate	The liquid or solution that collects in the container after the mixture has passed through the filter paper.
filtration	A way of separating pieces of solid that are mixed with a liquid or solution by pouring through filter paper.
impure	A substance is impure if it has different substances mixed with it.
insoluble	A substance that cannot dissolve in a certain solvent is insoluble in that solvent.
mixture	A mixture is made up of substances that are not chemically joined together.
pure	A substance is pure if it has no other substances mixed with it.
residue	The solid that collects in the filter paper.
saturated solution	A solution in which no more solute can dissolve.
solubility	The solubility of a substance is the mass that dissolves in 100 g of water.
solute	The solid or gas that dissolves in a liquid.
solution	A mixture of a liquid with a solid or a gas. All parts of the mixture are the same.
solvent	The liquid in which a solid or gas dissolves.