

LECTURE # 5 : MIXTURES

A mixture is a type of matter with no definite properties. It consists of two or more component substances which are physically combined with no definite proportion.

Hence, the components of mixtures are not constant but variable. Their component substances can be separated by ordinary physical means.

Mixtures that are homogeneous are called solutions. The particles of solutions cannot be distinguished from one another. Solutions have two components. Generally, the component present in small amount is called solute. Usually, the solvent, is the component present in greater amount.

Natural occurring solutions

Seawater, rainwater, air

Manipulated/Brewed Solutions

Vinegar, gasoline, softdrinks

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Page 1 of 1