



COLLIGATIVE PROPERTY

A property that depends on the concentration of solute particles but not on the identity of the solute

Colligative properties include:

- Vapour pressure lowering
- Boiling point elevation
- Freezing point depression



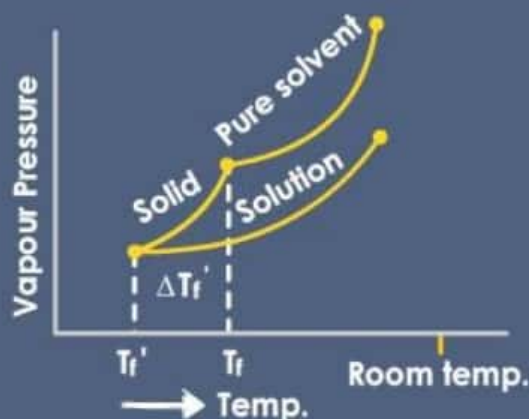
VAPOUR PRESSURE

- Vapour pressure is the pressure of the vapour over a liquid at equilibrium.
- A non-volatile solute will lower the vapour pressure of a solvent



FREEZING POINT DEPRESSION

Freezing Point Depression is the decrease in the freezing point of a solvent due to the presence of solute particles.



BOILING POINT ELEVATION

Boiling Point elevation is the increase in the boiling point of a solvent due to the presence of solute particles.

