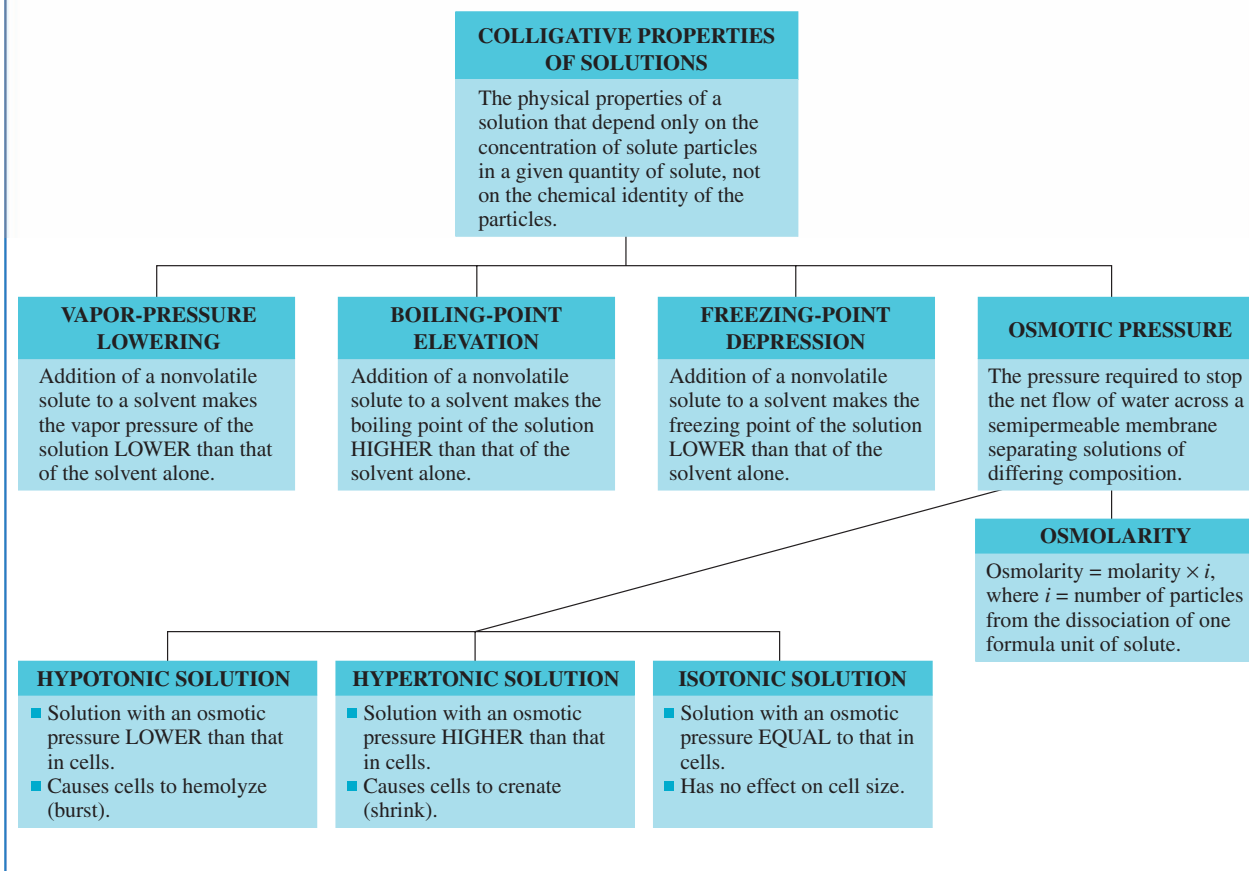


CHEMISTRY AT A GLANCE

Summary of Colligative Property Terminology



In *osmosis*, only solvent passes through the membrane. In *dialysis*, both solvent and small solute particles (ions and small molecules) pass through the membrane.

8.10 DIALYSIS

Dialysis is closely related to osmosis. It is the osmotic-type process that occurs in living systems. Osmosis, you recall (Section 8.9), occurs when a solution and a solvent are separated by a semipermeable membrane that allows solvent but not solute to pass through it.

Figure 8.18 In dialysis, there is a net movement of ions from a region of higher concentration to a region of lower concentration. (a) Before dialysis. (b) After dialysis.

