

if the osmotic pressure is the same on both sides (concentrations the same), the solutions are iso tonic

If solute concentration outside the cell is greater than that inside the cell, the solution is hypertonic

water flows out, and crenation results

If solute concentration is less than a ~~reference~~ solution is hypotonic

water will flow in and hemolysis results

Suspensions of particles larger than individual ions or molecules, but too small to be settled out by gravity, are called Colloids

Colloidal suspensions can scatter rays of light. This phenomenon is known as the Tyndall effect

hydrophilic - water-loving

hydrophobic - water hating