

Answer on Question #76215 - Chemistry - Physical Chemistry

Question:

Briefly explain the laws of osmotic pressure

Solution:

Want Hoff Law:

The osmotic pressure of the solution is equal to the pressure that would create the dissolved substance if it was in a gaseous state and at the same temperature occupied a volume equal to the volume of the solution.

$$P = C \cdot R \cdot T$$

$$P \cdot V = n \cdot R \cdot T$$