

Answer on Question#37967 - Chemistry – Other

The reason is that the “vapor pressure factors” are empirical values obtained experimentally for specific component in dependence on its **liquid volume percent**. Therefore usage of these “vapor pressure factors” (*e.g.* given in Table 1, D2598) is only possible if concentrations are presented in **liquid volume percents**. In opposite case (*e.g.* molar percents as in **Raoult's law**) the values of constants for vapor pressure will be different.