

Uncertainty (in measurement) the characteristics reflecting the fact that any measurement involves estimates and cannot be exactly reproduced

Unit factor an equivalence statement between units that is used for converting from one set of units to another

Universal gas constant the combined proportionality constant in the ideal gas law; 0.08206 L atm / K mol, or 8.314 J / K mol

Unsaturated solution a solution in which more solute can be dissolved than is dissolved already