**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