Summary: Concentration of a Solution Equations

Type	**Equation**	**Units**
percentage V/V	$c = \dfrac{v_{solute}}{v_{solution}} \times 100\%$	% V/V
percentage W/V	$c = \dfrac{m_{solute}}{v_{solution}} \times 100\%$	% W/V
very low (number)	$c = \dfrac{m_{solute}}{v_{solution}} \times 100\%$	mg/L = ppm μg/L = ppb ng/L = ppt
molar	$c = \dfrac{n_{solute}}{v_{solution}} \times 100\%$	mol/L