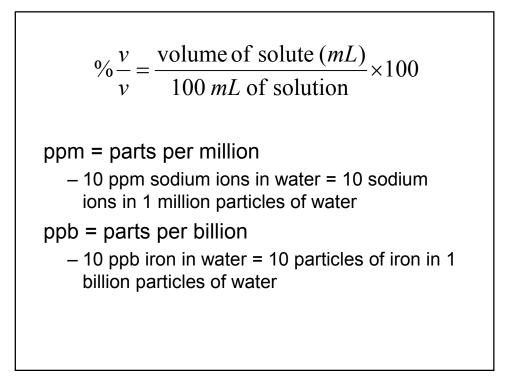


Representations of Concentration

$$\frac{g}{L} = \text{grams of solute in 1 L of solution}$$

$$\frac{w}{w} = \frac{\text{mass of solute } (g)}{100g \text{ of solution}} \times 100$$

$$\frac{w}{v} = \frac{\text{mass of solute } (g)}{100 \text{ mL of solution}} \times 100$$



Molarity $(M) = \frac{\text{moles of solute}}{\text{litres of solution}}$

 $Concentration = \frac{moles of solute}{litres of solution}$

 $mole/L = \frac{moles of solute}{litres of solution}$