



4. A 350 g solution contains 0.0050 g NaCl. What is the concentration of NaCl in parts per million (ppm)?
5. A solution is made by dissolving 80. g  $\text{KNO}_3$  in 300. g  $\text{H}_2\text{O}$ . What is the percent by mass of  $\text{KNO}_3$  in the solution?
6. A solution has a concentration of 6.5 ppm. How many grams of solute are dissolved in 450 grams of the solution?
7. Determine the mass of KI dissolved in 375 g of a 16% KI solution.