

Marks
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- A mixture of NaCl (5.0 g) and AgNO₃ (5.0 g) was added to 1.0 L of water. What are the concentrations of Ag⁺(aq), Cl⁻(aq) and Na⁺(aq) ions in solution after equilibrium has been established? $K_{sp}(\text{AgCl}) = 1.8 \times 10^{-10}$.

[Ag⁺(aq)] =[Cl⁻(aq)] =[Na⁺(aq)] =