

- Give the equilibrium concentration of $\text{Ni}^{2+}(\text{aq})$ ions in a solution formed by dissolving 0.15 mol of NiCl_2 in 0.500 L of 2.00 M KCN solution. The K_{stab} of $[\text{Ni}(\text{CN})_4]^{2-} = 1.7 \times 10^{30}$.

Answer: