

In which of the following solvents is silver chloride most soluble?

- (i) $0.1 \text{ mol dm}^{-3} \text{ AgNO}_3$ solution
- (ii) $0.1 \text{ mol dm}^{-3} \text{ HCl}$ solution
- (iii) H_2O
- (iv) Aqueous ammonia

Ans :

iv) Silver chloride forms a soluble complex with aqueous ammonia.

