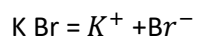


Answer on Question 82528 in General Chemistry

The highest boiling point in 0.05 M KBr because KBr is a strong electrolyte which dissociates by the equation



$$\Delta t = i \times C_m \times E \quad i=2$$

$$E_{\text{H}_2\text{O}} = 0.52 \times 2 \times 0.05 = 0.052$$

$$t_b = t_{\text{H}_2\text{O}} + \Delta t = 100^\circ + 0.052^\circ = 100.052^\circ\text{C}$$

Answer provided by www.AssignmentExpert.com