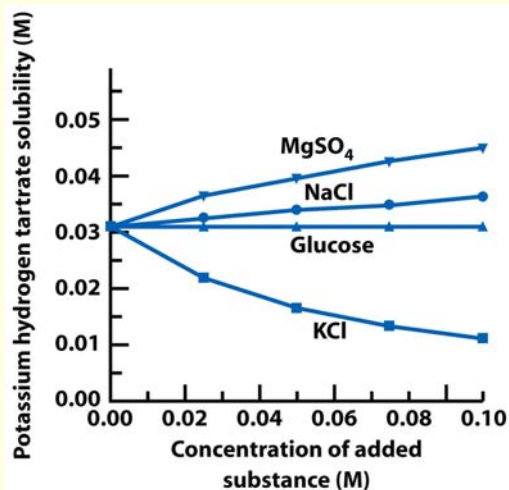


Activity



Solubility of potassium hydrogen tartrate in various solutions (see page 142 for structure of KHT)

Figure 8-3
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8-8

Activity

Example: Find $[\text{Hg}_2^{+2}]$ in saturated Hg_2Br_2 in 0.10 M NaBr?

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Activity

Example: Calculate the solubility of Ag_2CrO_4 (expressed as moles of CrO_4^{2-} per liter) in

a) 0.050 M KClO_4

b) 0.0050 M AgNO_3

8-10

The Real Definition of pH

$$pH = -\log A_{H^+} = -\log [H^+] \gamma_{H^+}$$

$$K_w = A_{H^+} A_{OH^-}$$

8-11

The Real Definition of pH

Example: What is the pH of 0.025 M BaSO₄?

8-12