



At any one time, only about 1% of ethanoic acid molecules are ionized. In a 0.10 mol/L solution of CH<sub>3</sub>COOH(aq), the concentration of H<sub>3</sub>O<sup>+</sup>(aq) is only about 0.0010 mol/L, and the concentration of CH<sub>3</sub>COO<sup>-</sup>(aq) is also only about 0.0010 mol/L.