

| No. | Compound name | Reaction equation   | pH | Rate constant<br>(L mol <sup>-1</sup> s <sup>-1</sup> ) | Comments  | Reference |
|-----|---------------|---|----|---|---|-----------|
| 335 | Ozone         | $\text{e}_{\text{aq}}^- + \text{O}_3 \longrightarrow \text{O}_3^{\bullet-}$ | 9  | $3.6 \times 10^{10}$                                    | p.r.; C.k.; obs. abs. at 430 nm ( $\text{O}_3^-$ ) in soln. contg. 0.15 mol L <sup>-1</sup> $\text{HCO}_3^-$ and $\sim 10^{-4}$ mol L <sup>-1</sup> ozone; rel. to $k(\text{e}_{\text{aq}}^- + \text{O}_2)$ . | 83A117    |