

| No. | Compound name                | Reaction equation  | pH | Rate constant<br>(L mol <sup>-1</sup> s <sup>-1</sup> ) | Comments   | Reference |
|-----|------------------------------|--|----|---|--|-----------|
| 57  | Trioxalatocobaltate(III) Ion | $\text{H} \cdot + \text{Co}(\text{C}_2\text{O}_4)_3^{3-} \longrightarrow \text{H}^+ + \text{Co}(\text{C}_2\text{O}_4)_2^{2-} + \text{O}_2\text{CCO}_2^-$ | 7  | $6.8 \times 10^8$                                       | v-r.; C.k.; rel. to k(H· + NO <sub>2</sub> <sup>-</sup> ). | 670498    |