| No. | Compound name  | Reaction equation  | рН  | Rate constant $(L \operatorname{mol}^{-1} \operatorname{s}^{-1})$ | Comments   | Reference |
|-----|--|--|-----|---|--|-----------|
| 141 | $\label{eq:continuous} $$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$ | . OH + $\beta$ -Ni(aneN <sub>4</sub> ) <sup>2+</sup> $\longrightarrow$ OH <sup>-</sup> + $\beta$ -Ni(aneN <sub>4</sub> ) <sup>3+</sup> | 3.2 | $3 \times 10^9$   | p.r.; P.b.k. in soln. contg. $0.3 \text{ mol } L^{-1} \text{ NaClO}_4$ . | 81A285    |