| No. | Compound name  | Reaction equation                            | рН   | Rate constant $(L \operatorname{mol}^{-1} \operatorname{s}^{-1})$ | Comments  | Reference |
|-----|--|--|------|---|---|-----------|
| 308 | 5,7,7,12,14,14-<br>Hexamethyl-1,4,8,11-<br>tetraazacyclotetradecanenickel(II)<br>Ion | $e_{aq}^- + Ni(aneN_4)^{2+} \longrightarrow$ | 6-10 | $5.6\times10^{10}$  | p.r.; D.k. at 700 nm in Ar-satd. soln. contg. 1 mol ${\rm L^{-1}}$ tert-BuOH and phosphate or tetraborate buffer. |           |