| No. Compound name   | Reaction equation                           | pH Rate constant $(L \operatorname{mol}^{-1} \operatorname{s}^{-1})$ | Comments  | Reference |
|---------------------|---|--|---|-----------|
| 704 tert-Butylamine | $e_{aq}^- + (CH_3)_3 CNH_2 \longrightarrow$ | $12.3  1.1 \times 10^8$  | p.r.; D.k. at 720 nm in soln. contg. $0.1 \text{ mol } L^{-1}$ amine. | 700371    |