

| No. | Compound name | Reaction equation  | pH  | Rate constant<br>(L mol <sup>-1</sup> s <sup>-1</sup> ) | Comments  | Reference |
|-----|---------------|--|-----|---|---|-----------|
| 415 | Malate Ion    | $\begin{array}{l} \text{H}^+ + -\text{O}_2\text{C}(\text{CH}_2)_3\text{CH}(\text{OH})\text{CO}_2^- \longrightarrow \\ \text{H}_2 + -\text{O}_2\text{C}(\text{CH}_2)_2\text{COHCO}_2^- \end{array}$ | 5.5 | $5.5 \times 10^7$                                       | p.r.; Unpublished data, A. Shafferman and G. Stein. | 741007    |