

| No.  | Compound name | Reaction equation                       | pH | Rate constant<br>(L mol <sup>-1</sup> s <sup>-1</sup> ) | Comments   | Reference            |
|------|---------------|---|----|---|--|----------------------|
| 1386 | Rhodamine 6G  | e <sub>aq</sub> <sup>-</sup> + Rh 6 G → |    | 3.8 × 10 <sup>10</sup>                                  | p.r.; D.k. at 720 nm in deaerated soln. contg. EtOH;<br>similar value for dye in dimeric form. | 83A334               |
|      |               |   | 7  |   | 1.8 × 10 <sup>10</sup>   | p.r.; D.k. at 720 nm |